

UNIVERSITY OF THE PHILIPPINES MANILA
COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF PHYSICAL SCIENCES AND MATHEMATICS

DATABASE ENCRYPTION USING CRYPTDB FOR
DENTIST: DENTAL INFORMATION SYSTEM
(DENTIST) 4.0

A special problem in partial fulfillment
of the requirements for the degree of
Bachelor of Science in Computer Science

Submitted by:

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ACCEPTANCE SHEET

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Abstract

DentISt 4.0 is the fourth version of the electronic patient record in UPCD. Compared to the earlier version, the new one has an additional security feature which increases database security and confidentiality.

As security in a system is one of the main concerns in converting from paper-based to electronic-based, hence there is a need to increase database security. CryptDB encrypts all the data in the database and performs query processing as if the user is querying over unencrypted data. It encrypts each data in database according to different encryption levels based on the query. This makes the system's data secure from malicious database administrator and adversaries that may compromise the server. This in turn leads to providing greater confidentiality and least privilege access to users, which are the standards of Health Insurance Portability and Accountability Act (HIPAA).

Keywords: Dental Information System, CryptDB, Dental Informatics

Contents

Acceptance Sheet	i
Abstract	ii
List of Figures	vi
List of Tables	x
I. Introduction	1
A. Background of the Study	1
B. Statement of the Problem	2
C. Objectives of the Study	3
D. Significance of the Project	3
E. Scope and Limitations	4
F. Assumptions	6
II. Review of Related Literature	7
III. Theoretical Framework	13
A. Homomorphic Encryption	13
B. CryptDB	14
C. Health Insurance Portability and Accountability Act (HIPAA) .	16
D. Security Model	18
1. Fine-Grained Access Control	19
2. Fine Grained Access Control with Stored Procedures	19
E. Dental Informatics	20
F. UP College of Dentistry	21
1. UPCD Structure	21
2. UPCD Patients Workflow	22
IV. Design and Implementation	27

A.	Use Cases	27
1.	Manage Patient Records	28
2.	Perform Tasks in Section	29
3.	View Statistics	30
4.	Manage User Accounts	31
5.	Manage Roles	33
B.	Database Design	36
1.	Entity Relationship Diagrams	36
2.	Data Dictionary	38
V.	Architecture	54
A.	System Architecture	54
B.	Technical Architecture	54
VI.	Results	56
A.	System Functionalities Screenshots	56
VII.	Discussions	88
VIII.	Conclusions	95
IX.	Recommendations	96
X.	Bibliography	97
XI.	Appendix	103
A.	Forms	103
1.	UPCD Patient Form	103
B.	Source Code	109
1.	config	109
2.	models	109
3.	controllers	142
4.	views	195

5.	CSS	308
6.	Javascript	309

XII.	Acknowledgement	337
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List of Figures

1	The architecture of database-level encryption framework [1]	11
2	CryptDB's architecture [2]	11
3	Onion encryption layers and the classes of computations they allow [2].	16
4	Dental informatics combines its methodological foundations to ad- dress problems in practice, research, and education [3]	20
5	Workflow of Patients of UPCD	23
6	Workflow of Patients of UPCD	24
7	Top Level Use Case Diagram of DentISt 4.0	27
8	Manage Patient Records Use Case Diagram of Student Clinicians in other sections and Clinicians in Oral Diagnosis of DentISt 4.0 . . .	28
9	Search and View Patient Record Activity Diagram of DentISt 4.0 . . .	28
10	Perform Tasks Use Case Diagram of Student Clinician and Faculty . . .	29
11	Perform Task Activity Diagram of Student Clinician and Faculty . . .	29
12	View Statistics Use Case Diagram of the System Administrator and Faculty of DentISt 4.0	30
13	View Statistics Activity Diagram of DentISt 4.0	30
14	Manage User Accounts Use Case Diagram of the System Adminis- trator	31
15	Add User Accounts Activity Diagram of DentISt 4.0	31
16	Edit User Accounts Activity Diagram of DentISt 4.0	32
17	Delete User Accounts Activity Diagram of DentISt 4.0	32
18	Search and View User Accounts Activity Diagram of DentISt 4.0 . . .	33
19	Manage User Accounts Use Case Diagram of the System Adminis- trator	33
20	Add Roles Activity Diagram of DentISt 4.0	34
21	Edit Roles Activity Diagram of DentISt 4.0	34
22	Delete Roles Activity Diagram of DentISt 4.0	35

23	ERD for User Cluster	36
24	ERD for Patient Cluster in terms of patient	37
25	System Architecture of DentISt	54
26	Login Page of DentISt	56
27	Home Page of System Administrator	56
28	Home Page of Student Clinician	57
29	Home Page of Faculty Clinician	57
30	My Profile Page of User	58
31	Change Password Page of User	58
32	Create New Patient	59
33	Patient Dashboard	59
34	Edit Patient Information	60
35	Edit Patient Checklist	61
36	Edit Medical and Social History	62
37	Edit Dental Data	63
38	Edit Treatment Plan	63
39	Edit Radiographic Exam	64
40	Edit Services Rendered	65
41	Edit Consultation and Findings	65
42	Dental Chart	66
43	Legend - Dental Chart	66
44	Update Dental Chart	67
45	Edit Dental Chart	68
46	Update Dental Chart - Services Needed	68
47	Update Dental Chart - Service Needed Summary	68
48	Update Dental Chart - Dentures	69
49	Update Dental Chart - Other Services	69
50	Update Dental Chart - Notes	69
51	Faculty saves Student Clinician Updates as Temporary Record.	70

52	Faculty Approval of Student Clinician Updates	71
53	Faculty Rejects Student Clinician Updates	71
54	Claim Patient Case of Clinicians in the Section	72
55	Set Appointment	72
56	Section Form Dashboard	73
57	View Patient Record	74
58	Section Form Dashboard For Approval	74
59	View Own Appointments	75
60	Student Tasks	75
61	View All Clinicians Appointments - Faculty Clinician	76
62	Create New User	77
63	View Users	77
64	Edit User	78
65	Delete User	78
66	Search User	79
67	Statistics form in DentISt	80
68	View Statistics result in DentISt	81
69	Audit Trail searching for insertion of patients in a specific period of time in DentISt	82
70	View Statistics in a specific section (Oral Medicine) in DentISt	83
71	Query patient form in DentISt	84
72	Query patient result in DentISt	85
73	Forgot password functionality	86
74	System asks for the user's secret answer	86
75	New password for user	87
76	Password successfully replaced	87
77	A Portion of patient Table View using phpMyAdmin	88
78	Patient Table View using MySQL Terminal	89
79	users Table View using MySQL Terminal	89

80	users Table View using phpMyAdmin	90
81	users Table View using MySQL Proxy Terminal	90
82	top operation output	96
83	UPCD Admitting Section Patient Form with Patient Demographics, Chief Complaint, History of Present Illness	103
84	UPCD Admitting Section Patient Form with Dental History	103
85	UPCD Admitting Section Patient Form with Physical Assessment and Vital Signs	104
86	UPCD Admitting Section Patient Form with Medical History	104
87	UPCD Admitting Section Patient Form with Social History	104
88	UPCD Soft Tissue Examination	105
89	UPCD Radiographic Examination	105
90	UPCD Proposed Treatment Plan	106
91	UPCD Consultations/Referral	106
92	UPCD Services Rendered	107
93	UPCD Problem Worksheet	108

List of Tables

1	users Table	38
2	users_role Table	38
3	users_auth Table	38
4	audittrail Table	39
5	patient Table	39
6	patientinfo Table	39
7	phyassess Table	40
8	vitalsigns Table	40
9	patientinfoversion Table	40
10	patientchecklist Table	42
11	familychecklist Table	42
12	allergychecklist Table	42
13	femalechecklist Table	43
14	patientchecklistversion Table	43
15	medicalhistory Table	43
16	socialhistory Table	44
17	socialhistory Table	45
18	medandsochistoversion Table	45
19	dentalhistory Table	46
20	softtissueexamination Table	46
21	dentaldataversion Table	46
22	cariesstatus Table	47
23	recurrentstatus Table	47
24	restorationstatus Table	47
25	dentalchart Table	48
26	dentures Table	48
27	serviceneeded Table	49
28	otherservices Table	49

29	dentalchartversion Table	50
30	treatmentplan Table	50
31	treatmentplanversion Table	50
32	radiographicexam Table	51
33	radioexamversion Table	51
34	consultationandfindings Table	51
35	confindversion Table	51
36	servicesrendered Table	52
37	servicesrenderedversion Table	52
38	patientdashboardversion Table	52
39	studenttasks Table	52
40	remark Table	53

I. Introduction

A. Background of the Study

Information systems are gradually replacing the paper-based records for years now and though not yet penetrated as the same way in other sectors, information technology has paved its way to the health industry. However, different confidentiality issues threaten these digital records, which contain personal information about its users. To address these problems, an application called CryptDB [2] encrypts these digital records into ciphertexts. Using SQL-aware encryption techniques, it transforms the query to allow the DBMS to execute on the encrypted data.

Encrypted databases are very rare in the industry at present. Some of those make use of packages like DBMS_CRYPTO¹ and SQLCipher API². Another approach is to use the *strawman* design; the strawman performs each query over encrypted data by decrypting the data, performing the query over the plaintext, and re-encrypting the result [2]. Another is to implement homomorphic encryption. However, it is still in the process of development since the cost of the complexity of homomorphic encryption is not practical for information systems.

The first dental information system in UPCD was created by UP Manila Computer Science students enrolled in Software Engineering. However, there were problems and bugs found on the system. To fix the problem, the college staffs tried to reformat the computer but ended up erasing the whole software data of the system [4]. Using the free and open source electronic medical record (EMR) system, OpenMRS, Aurielle Lee created a new dental information system called Open DentIS in 2011. A standardized dental vocabulary based on UPCD terminologies was created using the OpenMRS feature on Open DentIS. Christina Balsita continued Lee's Open DentIS to come up with the second version, DentIst 2.0 [5]. Some of the functionalities of the system were enhanced to fix the errors and the process of loading dental charts. Angela Jarabelo and Jamie Gerona de-

¹http://docs.oracle.com/cd/B13789_01/network.101/b10773/apdvncrp.htm

²<http://sqlcipher.net/about/>

veloped the third version of DentIS, DentISt 3.0, without the OpenMRS platform. Jarabelo's work [6] used PostgreSQL roles to increase data security while Gerona's [7] focused on the workflow management module.

B. Statement of the Problem

DentISt 3.0 was engineered to implement user confidentiality in the database level, such that another user will not be able to modify another user's data unless that user was given the authority to access and modify the data. A user's scope of access is controlled by the stored functions on the PostgreSQL database, hence the burden of determining the privilege of a user is on the database itself.

Certain sensitive fields were stored in encrypted form to protect the confidentiality of those fields. Encryption and decryption of those contents were performed on the stored functions on the database. The secret key used in the encryption and decryption process is nested in the stored functions. Doing that will give the user the illusion of security, but actually provides very little real security [8]. A curious database administrator may gain access to this key and snoop on sensitive information on the database.

In DentISt 3.0, some of the data stored in the system's database are still in plaintext form, so an adversary who had a complete control over the database may perform unauthorized access on its stored data. Since these sensitive data are dental records, they may include personal information about the patients and the medical staffs as well, which is a significant threat to all of the users of the system. An example of those data is the patient's medical history. Several fields about the patient's record are his/her previous diseases or his/her history of using illegal drugs. If these informations would be accessed by unauthorized persons, we will never know what they may do to them.

C. Objectives of the Study

To create the Dental Information System (DentISt) 4.0 which is reengineered from DentISt 3.0 with the CryptDB and MySQL as its database management system (DBMS), have the following functionalities for the following roles:

1. to allow the student clinician of a section to
 - (a) manage patient records of the patient assigned to the section
 - (b) manage his consultation appointments in the section
 - (c) do general query for patients

2. to allow the faculty of a section to
 - (a) perform all the functionalities of a student clinician
 - (b) confirm the new entries and updates of a student clinician on a patient record
 - (c) view the student clinicians and faculty of the section
 - (d) view the list of consultation appointment schedules of the student clinicians and faculty of the section
 - (e) view statistics of the section

3. to allow the system administrator to
 - (a) manage user accounts and roles
 - (b) view statistics for the whole UP College of Dentistry

D. Significance of the Project

As the popularity of electronic medical record systems increases, a dental information system can help make a centralized, accessible and secure patient information system. Not only does it reduce costs, it minimizes incorrect medical records (by handwriting) and also store the latest dental health information.

Using CryptDB to connect to the database will increase the security provided by DentISt since all data and table structures are stored in encrypted format. This prevents unauthorized access to the data by a malicious database administrator or an adversary, in case he gains access to the server. This in turn leads to providing greater confidentiality and least privilege access to users, which are the standards of Health Insurance Portability and Accountability Act (HIPAA).

Aside from encrypting the data and tables, CryptDB allows authorized users to perform normal queries and database access through regular SQL codes without the need to decrypt the data first. This allows for an easier extension of the system since the database access methods are similar to the database access to traditional (unencrypted) databases.

E. Scope and Limitations

1. Security policies are based on HIPAA (Health Insurance Portability and Accountability Act) of the USA and the following are implemented in DentISt 4.0:
 - (a) All data must be encrypted when stored in the database.
 - (b) Access to encrypted database must be:
 - i. Authorized by the system administrator.
 - ii. Authenticated by logging in as a unique user using own username and password.
 - iii. Revoked when such access is no longer necessary to perform authorized job responsibilities.
 - iv. Consistent with the minimum privilege principle.
 - (c) Requires re-authentication, after a period of inactivity.
 - (d) Opens sessions are automatically disconnected after a period of inactivity.
 - (e) Regular audit of information system activity.

2. The sections that will be included are:
 - (a) Oral diagnosis
 - (b) Oral medicine
 - (c) Prosthodontics
 - (d) Operative dentistry

3. Clinicians in Oral Diagnosis roles are the only one who can add patient records and also the only one to add/edit the following forms:
 - (a) Patient Information Form
 - (b) Physical Assessment Form
 - (c) Vital Signs Forms
 - (d) Dental History Forms
 - (e) Medical History Forms
 - (f) Social History Forms
 - (g) Soft Tissue Exam Form
 - (h) Radiographic Exam Form
 - (i) Treatment Plan Form

4. The general query for patients can be done with the following criteria:
 - (a) Male patients
 - (b) Female patients
 - (c) Patients within an age group
 - (d) Patients having a certain job
 - (e) Patients living in an area
 - (f) Patients needing a specific treatment
 - (g) Patients with specific dental condition

5. The statistics that will be generated for a specified time period includes:
 - (a) number of patients with specific dental condition
 - (b) number of patients who underwent a particular treatment
 - (c) number of patients needing a specific treatment
 - (d) number of male patients
 - (e) number of female patients
 - (f) number of patients living in a particular location
 - (g) number of patients treated/registered over the time period

F. Assumptions

1. User account without any role cannot do anything in the system.
2. There will be separate roles for the student clinician and faculty for each section.
3. No user account will be assigned both student clinician and faculty roles at the same time.
4. Entries input by users with faculty role are automatically final and don't need any approval.
5. The clinician in attendant of the patient may not be the clinician in the next encounter.

II. Review of Related Literature

In 1977, Rivest, Adleman and Dertouzos, suggested for the first time the concept of homomorphic encryption [9]. Privacy homomorphism or homomorphic encryption is a special class of encryption function which allows the encrypted data to be operated on directly without needing any knowledge about the decryption function [10]. Suppose $E_K(\cdot)$ is an encryption function with key K and $D_K(\cdot)$ is the corresponding decryption function. Then $E_K(\cdot)$ is homomorphic with the operator \circ if there exists an efficient algorithm Alg such that:

$$Alg(E_K(x), E_K(y)) = E_K(x \circ y).$$

The discovery of Rivest, Shamir, and Adleman of the RSA cryptosystem in 1976 became the foundation of the concept of homomorphic encryption. It is the most widely used public key cryptosystem (a system that generates two keys - a public encryption key pk , which may be made available to everyone, and a secret decryption key sk [11]). According to [12], RSA uses block-cipher algorithm([1]) and makes use of an expression with exponentials. However, the scheme is not secure from different attacks such as brute force, mathematical attacks, timing attacks, and chosen-ciphertext attacks([13]).

Shafi Goldwasser and Silvio Micali proposed a cryptosystem in 1982 which was known as the “Goldwasser-Micali cryptosystem”. It was an additive homomorphic encryption and was proven a secure encryption scheme which reached a remarkable rating of safety [14]. However, it is only capable of encrypting one bit at a time [15]. This gives the scheme a low throughput and makes the scheme impractical. Inspired by the Goldwasser-Micali scheme, [10], Chan revised two algorithms, namely Hill Cipher and Rivest’s Scheme, that exhibit homomorphism but are prone to ciphertext-only attacks ([13]). A practical homomorphic encryption scheme must be able to perform two types of encrypted data processing, namely addition and scalar multiplication, such that computation of the sum and

products of ciphertexts must be performed efficiently even without knowing the value of the plaintexts. Both schemes use block-cipher algorithm in encryption so these schemes have greater throughput than Goldwasser-Micali cryptosystem. However, these schemes are symmetric, meaning the key used to encrypt the plaintexts will be the same key to be used to decrypt the ciphertexts. Once an adversary gets hold of the key, unauthorized access and manipulation on private data will be possible. Another additive homomorphic scheme is Paillier's cryptosystem proposed by Paillier [16] in 1999. It was based on decisional composite residuosity assumption (DCRA). The message and key is extractable during decryption stage but this property, however, is crucial in the construction to achieve better efficiency [17]. The scheme uses public-key cryptography and block-cipher algorithm for encryption, but is proven to be unsecure from chosen-ciphertext attack.

A somewhat homomorphic encryption (SWHE) scheme is a symmetric encryption scheme ε that can handle a limited class of permitted functions, denoted by F_ε . Evaluation of functions not in F_ε may return an undefined value [11]. In [18], Boneh et.al mentioned two important properties of SWHE schemes - compactness and circuit privacy. A compute circuit C will be used by the *Evaluate* algorithm to generate an evaluated ciphertext Ψ . *Decrypt* algorithm will use the value of Ψ to get the value of the circuit using the original plaintexts. Compactness means that the size of the evaluated encrypted text does not depend on the complexity of the circuit that was evaluated. Circuit privacy means that even the holder of the secret key cannot learn anything about the circuit from the evaluated ciphertext.

In 2009, Craig Gentry, on his Ph.D. thesis [19], constructed a fully homomorphic encryption (FHE) scheme based on Euclidean lattices. A fully homomorphic encryption scheme is a scheme where there are no limitations on what manipulations can be performed. Given ciphertexts c_1, \dots, c_t that encrypt m_1, \dots, m_t with the scheme under some key, and given any efficiently computable function f , anyone can efficiently compute a ciphertext (or set of ciphertexts) that encrypts $f(m_1, \dots, m_t)$ under that key [11]. Performing operations on encrypted data using

homomorphic encryption was found possible but are still prohibitively expensive by orders of magnitude [2]. [20] stated that Gentry's fully homomorphic scheme complexity is $\tilde{O}(\lambda^7)$, where λ is the security parameter of the scheme.

In 2013, IBM made its big step in cryptography through its open-source software package called homomorphic encryption library (HElib) [21]. It uses an implementation of Brakerski-Gentry-Vaikuntanathan (BGV) scheme, along with other optimizations to run homomorphic encryption on a better time complexity compared to Gentry's scheme.

Homomorphic encryption has been applied to different areas of computing. An example is Riggio et.al's [22] practical application of homomorphic encryption to a hybrid wireless sensor/mesh network. The system allows transparent multi-hop wireless backhauls that are capable of performing statistical analysis on a variety of data coming from wireless sensor networks while maintaining both end-to-end encryption and hop-by-hop authentication. Ping Zhu and Guangli Xiang [23] applied homomorphic encryption with data confusion to provide protection on mobile-based code. The security of homomorphic encryption function calculation algorithm is based on factorization of large integer. The highest level of security of this algorithm is indistinguishability under chosen-plaintext attack ([13]). In [24], Han et.al used homomorphic encryption to delegate data computation from weak computational devices such as mobile phones to a more powerful computational device.

Homomorphic encryption found its most useful application on data security. Theft of private data is a very important problem to be addressed nowadays, especially for Internet-based applications [25]. An attacker can use the vulnerability points of a software to gain unauthorized access to servers [26]; curious administrators on a data provider may snoop on private data [27]; and adversaries with physical access to servers can access all digital information on disk and on memory [28].

One of the approaches to reduce the damage due to server compromises is to

encrypt the private data in the storage [14]. Examples of those approaches are SUNDR[29], SPORC[30], and Depot[31]. However, these storage systems involve decryption of data on the client-side when performing operations.

In 2013, a biometric authentication technology which uses homomorphic encryption is developed by Fujitsu [32]. It enables statistical calculations and biometric authentication to be performed on encrypted data without decrypting it. It uses polynomial calculations to perform batch encryption and inner product calculation on data.

Since the cost of fully homomorphic encryption is impractical for information systems, there are still no existing databases that fully implement this scheme. In 2011, Popa et.al [2] introduced CryptDB, a practical relational database. CryptDB is efficient because most of its processes uses symmetric-key encryption, deviates from using fully homomorphic encryption, and runs on unmodified DBMS software. CryptDB can handle some of the confidentiality challenges in a database – a DBMS administrator who can compromise the server even without changing the queries issued by the application, and an adversary that gains complete domination and control of the database server.

An example of server-side encryption system is Jarabelo’s DentISt 3.0 [6]. Encrypting and decrypting is performed on the stored functions in the database. However, the workload of encryption and decryption is on the DBMS server and not all of the data in the database are encrypted.

Two years before CryptDB was proposed, Yuping et.al [1] proposed an encryption framework over the different levels of a database management system. Instead of directly connecting the application to the database management system (DBMS), a new entity is added which is now responsible for encryption. The encryption system management program will be responsible for maintenance and communication between the other two components. The database encryption engine is in-charge of encryption processing of database information in the background while the encryption dictionary will save the specific encryption re-

quirements of users on data and basic information including tags of encryption field and key length. Moreover, the key used in encryption is generated using AES algorithm[33] with user password and public key as its parameters. The architecture of Yuping et.al’s framework is shown on Figure 1.

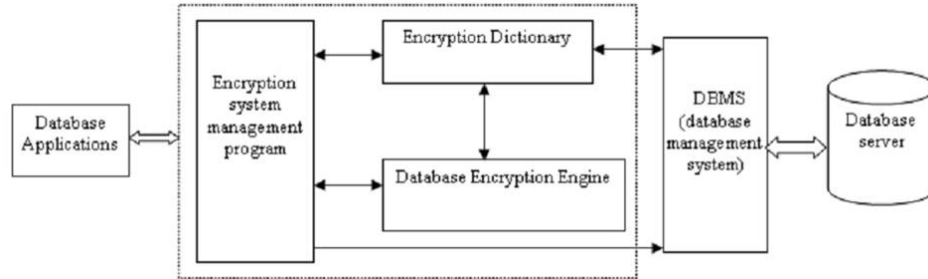


Figure 1: The architecture of database-level encryption framework [1]

Figure 2 shows the structure of CryptDB. It consists of two parts: a database proxy and an unmodified DBMS. It uses user-defined functions (UDFs) to perform cryptographic operations. The database proxy will intercept all the SQL queries and will transform those queries to execute on encrypted data.

Both CryptDB and the database-level encryption framework use a new entity which will be responsible for the encryption and decryption of data. Since query processing is divided into two separate entities, the encryption and decryption processing to database information is done in the background and is transparent to the server [1].

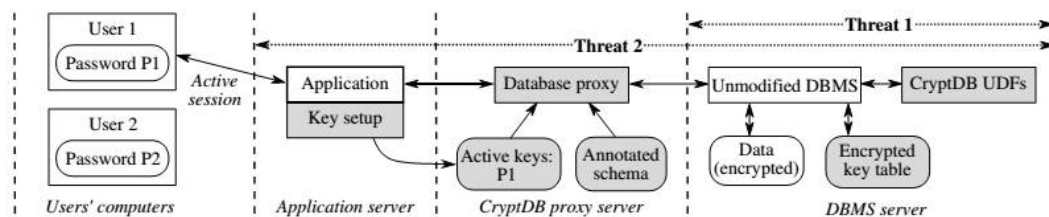


Figure 2: CryptDB’s architecture [2]

In [18], Boneh et.al used an approach that encodes a database as one or more polynomials and manipulating the client’s query to obtain a new polynomial whose roots are the indices of the records that matched the query. They implemented the approach using two setups - the two-party setting which involves the client and

the database server, and the three-party setting which has an additional entity - the proxy who has the inverted key for the database. The server uses the additive homomorphism of the cryptosystem to compute the encrypted polynomial and simple multiplicative homomorphism to perform conjunction, range, and threshold queries. The performance of this scheme was proven to have greater throughput than Paillier's. However, polynomial multiplication on higher degrees may affect the efficiency of the scheme. It must undergo development first before it can be practically used in information systems.

In [34], different approaches to database security and service provider capabilities were analyzed. SimpleDB is the database where data is encrypted with 100% security but provides no processing (this defeats the purpose of data organization). Naive database provides 100% processing but no security at all (this defeats the purpose of privacy). OPE-oriented database allows range searches but are not CPA secure. UCI [35], is capable of providing 100% security with no query processing if all queries map into one bucket. CryptDB is the best manifestation of the ideal scheme due to its adjustable query processing.

III. Theoretical Framework

A. Homomorphic Encryption

Privacy homomorphism or homomorphic encryption is a special class of encryption function which allows the encrypted data to be operated on directly without needing any knowledge about the decryption function [10]. An encryption scheme ε has three algorithms [11]:

1. $KeyGenerate_\varepsilon(\lambda)$

Take a security parameter λ . Output the public/secret key pair (pk, sk) .

2. $Encrypt_\varepsilon(pk, m)$

Take a public key pk , and a message m . Output a ciphertext c of m .

3. $Decrypt_\varepsilon(sk, c)$

Take a secret key sk , and a ciphertext c . Output a message m .

However, these homomorphic encryption schemes can only perform limited operations on encrypted data. Craig Gentry came up with a fully homomorphic encryption(FHE) scheme in 2009 [19] which is capable of handling all functions on the encrypted data. FHE schemes generally have four algorithms [20].

1. $KeyGenerate_\varepsilon(\lambda)$

Take a security parameter λ . Output the public/secret key pair (pk, sk) .

2. $Encrypt_\varepsilon(pk, m)$

Take a public key pk , and a message m . Output a ciphertext c of m .

3. $Evaluate(pk, C, \vec{c})$

Take a public key pk , a circuit C , a tuple of ciphertexts $\vec{c} = \langle c_1, \dots, c_t \rangle$.

Output another ciphertext Ψ .

4. $Decrypt(sk, \Psi)$

Take a secret key sk , and a ciphertext Ψ . Output a message m .

B. CryptDB

CryptDB, introduced by Popa et.al [2], is a system that provides practical and provable confidentiality in the face of attacks for applications backed by SQL databases. It works by executing SQL queries over encrypted data using a collection of SQL-aware encryption schemes.

It has three key features [2]:

1. Executing queries over encrypted data

It implements SQL-aware encryption strategy so that performing queries over encrypted data efficiently is like querying over unencrypted data.

2. Adjustable query-based encryption

CryptDB uses onion of encryption where the level of security adjusts depending on the complexity of the query.

3. Chaining encryption keys to user passwords

Each data element in the database can only be decrypted using a chain of keys rooted in the password of one of the users which has access to the said data.

Processing a query in CryptDB involves four steps:

1. The application issues a query, which will be intercepted and rewritten by the proxy: it anonymizes each table and column name and using the master key MK , encrypts each constant in the query with the scheme suited for the desired operation.
2. The proxy checks if the server should be given keys to adjust the encryption layers before executing the query. If so, it issues UPDATE query that invokes a UDF which in turn will adjust the encryption layers of the appropriate columns
3. The proxy forwards the encrypted query to the DBMS server, which executes it using standard SQL.

4. The DBMS server returns the encrypted query result which the proxy decrypts and send back to the application.

It uses different onions of encryption for the scheme which adjusts for any given data item, depending on the queries observed at run-time. It has different encryption types:

- Random (RND)

RND provides the maximum security and does not allow any computation to be performed efficiently on the ciphertext.

- Deterministic (DET)

DET allows the server to perform equality checks, meaning it can perform selects with equality predicates, equality joins, GROUP BY, COUNT, DISTINCT, etc.

- Order-preserving encryption (OPE)

The server can perform range queries and operations like ORDER BY, MIN, MAX, SORT, etc.

- Homomorphic encryption (HOM)

HOM can be used for computing averages and increments.

- Join (JOIN and OPE-JOIN)

JOIN supports all operations of DET and also enables the server to determine repeating values between two columns while OPE-JOIN enables joins by order relations.

- Word search (SEARCH)

SEARCH is used to perform searches on encrypted data to support operations like MySQL's LIKE operator.

Using the different levels of encryption, onion encryption layers were formed:

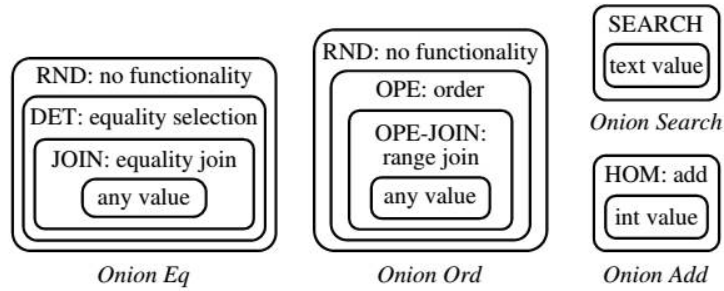


Figure 3: Onion encryption layers and the classes of computations they allow [2].

In Figure 3, onion names stand for the operations these onions allow at some of their layers. Some onions may be omitted for practical purposes, depending on the column types provided by the developers.

C. Health Insurance Portability and Accountability Act (HIPAA)

Health Insurance Portability and Accountability Act (HIPAA) is an act signed by Bill Clinton and passed in August 1996. Two main goals of HIPAA include the improvement in system effectiveness and protection of confidentiality. HIPAA is an attempt to reduce health costs, to call for simplification of administrative processes and to mandate health care organizations to implement standard formats for all transactions [36].

1. HIPAA Privacy Rules pertaining to protected health information (PHI) [36]:
 - (a) Role-based access controls to ensure that only appropriate people have access to the minimum necessary PHI to perform their job responsibilities
 - (b) Safeguards to ensure that the PHI does not get altered or destroyed in an unauthorized manner.
 - (c) A formal process for ending a person’s employment or a user’s access so that inappropriate access to PHI does not occur.
 - (d) Secured control of media (such as papers, diskettes, tapes, laptops,

personal digital assistants, CDs, etc.) containing PHI to ensure that unauthorized use or disclosure does not occur.

- (e) Allowing only authorized persons to have physical access into your facilities where PHI is stored and resides.
- (f) A well-defined change control process.
- (g) Regular audits of information system activity.
- (h) PHI sent across open systems, such as the Internet, is protected from unauthorized access.

2. HIPAA Statements from the Security Rule that deals specifically with electronic protected health information (EPHI) [37].

- (a) Access Control- Implement technical policies and procedures for electronic information systems that maintain electronic protected health information to allow access only to those persons or software programs that have been granted access rights.
 - i. Unique User Identification - Assign a unique name and/or number for identifying and tracking user identity.
 - ii. Automatic Log-off - Implement electronic procedures that terminate an electronic session after a predetermined time of inactivity.
 - iii. Emergency Access Procedure: Establish (and implement as needed) procedures for obtaining necessary electronic protected health information during an emergency.
 - iv. Encryption and Decryption- Implement a mechanism to encrypt and decrypt electronic protected health information.
- (b) Audit Control - Implement hardware, software, and/or procedural mechanisms that record and examine activity in information systems that contain or use electronic protected health information.

- (c) Integrity - Implement policies and procedures to protect electronic protected health information from improper alteration or destruction.

The overall goals of the security rule revolve around the confidentiality, integrity, and availability of data.

D. Security Model

A security policy outlines how data is accessed, what level of security is required, and what actions should be taken when these requirements are not met. The policy outlines the expectations of a computer system or device. A security model is a statement that outlines the requirements necessary to properly support and implement a certain security policy. A security model provides a deeper explanation of how a computer operating system should be developed to properly support a specific security policy. [38]

As information security is made up of data confidentiality, availability and integrity, access control is the security model's level of granularity for defining security policy [39]. Access control is critical to preserving the confidentiality, availability and integrity of information. Traditional access control, who uses single-user privilege and implements non-cryptography technique, are the following [36]:

- Discretionary Access Control (DAC)- Access Control Lists
- Mandatory Access Control (MAC)- Bell Lapadula model, Biba model, Chinese wall model
- Role-based Access Control (RBAC)

Because of the growing complexity of health information, traditional access controls lack support of privacy-related policies. In order to address the shortcoming, different extensions and enhancement are created to support the security policies [40].

1. Fine-Grained Access Control

As compared to the traditional access controls that focus on limiting data access at the table level, fine grained access control provides a way to restrict data access at the row or even at the cell level. Fine grained access control, or also known as content-based access control, is determined based on the content of the row where the data is located and the accessibility of a data item specified. Fine grained access control also provides data access to respect individual preferences and comply with many enacted privacy laws [41].

Fine grained authorization can be improved more by implementing it to the database layer. FGAC at the database level solves the drawbacks found in the application layer such as [42]:

- Authorization checks are distributed over a large body of code, requiring more programmer effort, and increasing the chances of security problems due to programmer or design errors.
- Applications typically connect to the database using a single database user login.
- Information from different organizations may resides in one application service provider model thus can provide organizations who are not willing to trust the application to protect its data

2. Fine Grained Access Control with Stored Procedures

Stored procedure is a set of Structured Query Language SQL statements with an assigned name that's stored in the database in compiled form so that it can be shared by a number of programs. By having procedures that handle the database work for your interface, you eliminate the need to modify the application source code to improve a query's performance. Stored procedure can also preserve data integrity and improve productivity [43].

Without having to rewrite the same statements to the application, stored procedures applies several policies to the table thus helps to provide a fine-grained access control in the database level [44].

E. Dental Informatics

Dental informatics is an information science that contributes to the improvement of dental practices, research, education and management [45]. It is a small growing sub-discipline of biomedical informatics is beginning to emerge as its own entity. It has been developed into a research discipline of significant scale and scope [3].

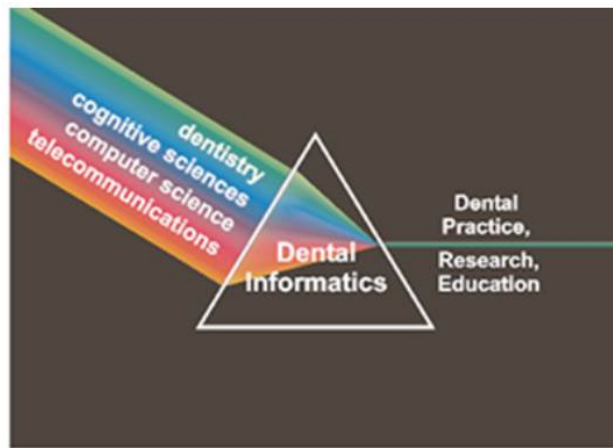


Figure 4: Dental informatics combines its methodological foundations to address problems in practice, research, and education [3]

Figure 4 shows the combination of the one various disciplines of information science (computer science, cognitive science and telecommunications) to the domain of dentistry to come up with solutions applicable to dental practice, research and education.

The American Dental Education Association defined dentistry as the branch of the healing arts and sciences devoted to maintaining the health of the teeth, gums, and other hard and soft tissues of the oral cavity and adjacent structures [46].

Cognitive Science is a research area that draws on several fields (such as psychology, artificial intelligence, linguistics, and philosophy) to develop theories of

perception, thinking, and learning. The central hypothesis of cognitive science is that thinking can best be understood in terms of representational structures in the mind and computational procedures that operate on those structures. Biomedicine is replete with complex cognitive processes (such as diagnosis, treatment planning, and evaluation)

Computer Science is a discipline that involves the understanding and design of computers and computational processes. Here, the emphasis is not on information, but how it is represented, processed, manipulated, and managed in computing systems.

Telecommunications is the science that deals with communication at a distance. Its concern is on how computers communicate with each other, how communication traffic is routed, how bandwidth is used most efficiently, and how communication can be kept secure.

F. UP College of Dentistry

The UP College of Dentistry was first established as a Dept. of Dentistry of the College of Medicine and Surgery on February 8, 1915. On October 21, 1948, upon the recommendation of late Dean Antonio G. Sison of the College of Medicine, the Board of Regents of the University passed a resolution changing the status of the School of Dentistry to an independent unit as the College of Dentistry. As a newly established independent unit of the University of the Philippines, the College of Dentistry envisions itself to be the country's premier academic institution providing quality dental education, training, research and service characterized by global competence, social sensitivity and responsible leadership in the continuous pursuit of excellence for the service of God and the nation [47].

1. UPCD Structure

The UP College of Dentistry consists of various sections where clinicians work and perform treatments on patients and the following sections are [5]:

- Oral Diagnosis
- Oral Medicine - Periodontics, Oral Surgery, Endodontics
- Prosthodontics - Removable Prosthodontics, Fixed Partial Prosthodontics
- Operative Dentistry - Orthodontics, Pedodontics, Restorative Dentistry

Oral diagnosis is responsible for accepting patients and gathering patient information. Oral Medicine is concerned with the oral health care of patients. The Prosthodontics section is in charge of the diagnosis, treatment planning, rehabilitation and maintenance of the oral function, comfort, appearance and health of patients with clinical conditions associated with missing or deficient teeth and/or oral and maxillofacial tissues using biocompatible substitutes. Operative Dentistry focuses on the diagnosis, prevention, treatment and prognosis of diseases or trauma to teeth.

Patients may also be endorsed to outside sections or clinics that caters specific exams or treatments not covered by UPCD. [5].

2. UPCD Patients Workflow

The standard workflow of patients of UPCD consists of steps from the collection of basic patient information to scheduling of appointments to assigned clinicians. A treatment is performed to a patient only by his/her designated clinician. When a treatment cannot be completed in a day, a patient is allowed to return for more appointments until the treatment process is completed. If all the necessary treatments are carried out, the patient is checked out. Otherwise, the patient is assigned to either a new clinician or his/her previous clinician and then proceeds to another treatment. Figure 5 and 6 summarizes the workflow of patients [5].

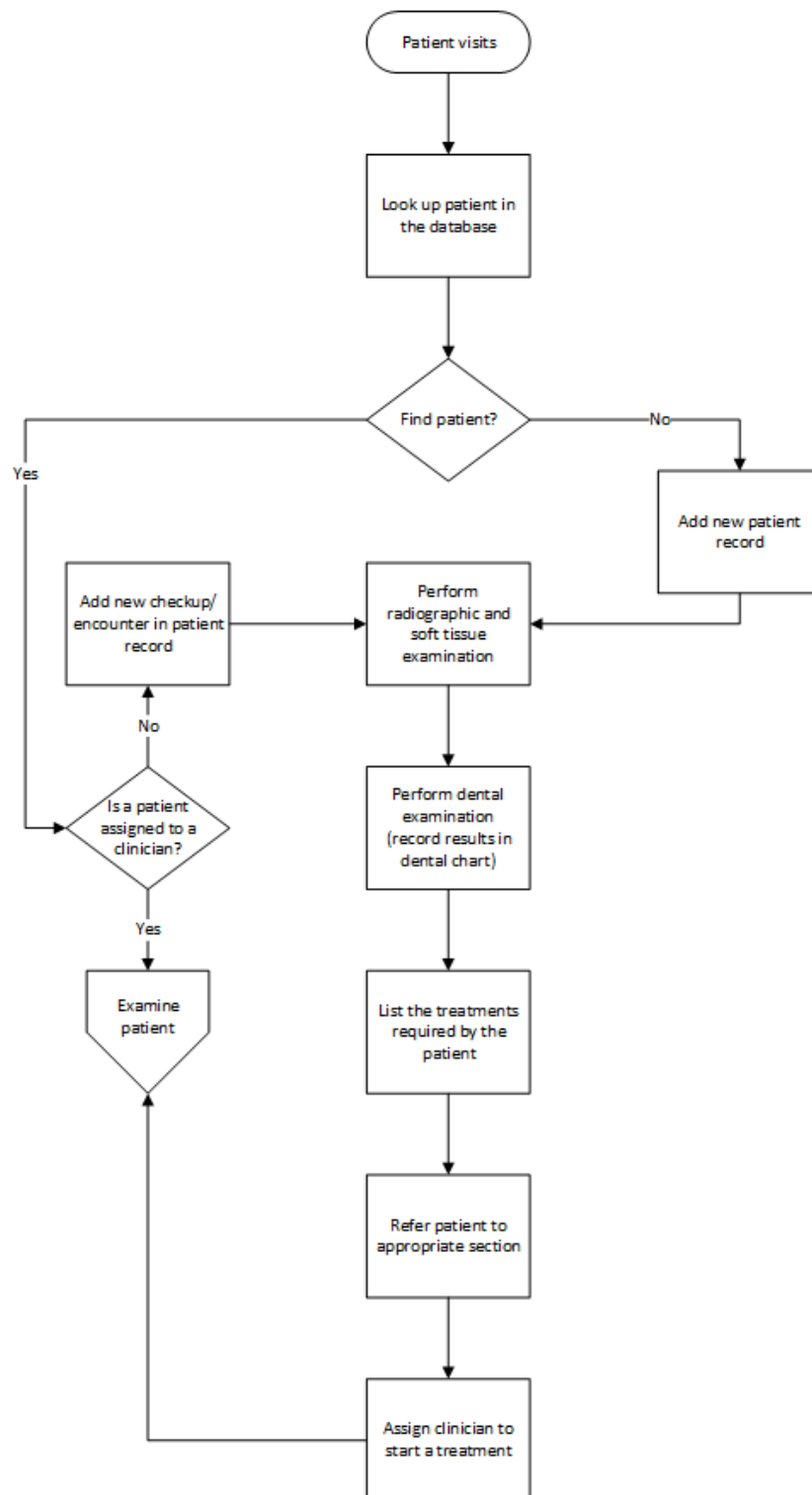


Figure 5: Workflow of Patients of UPCD

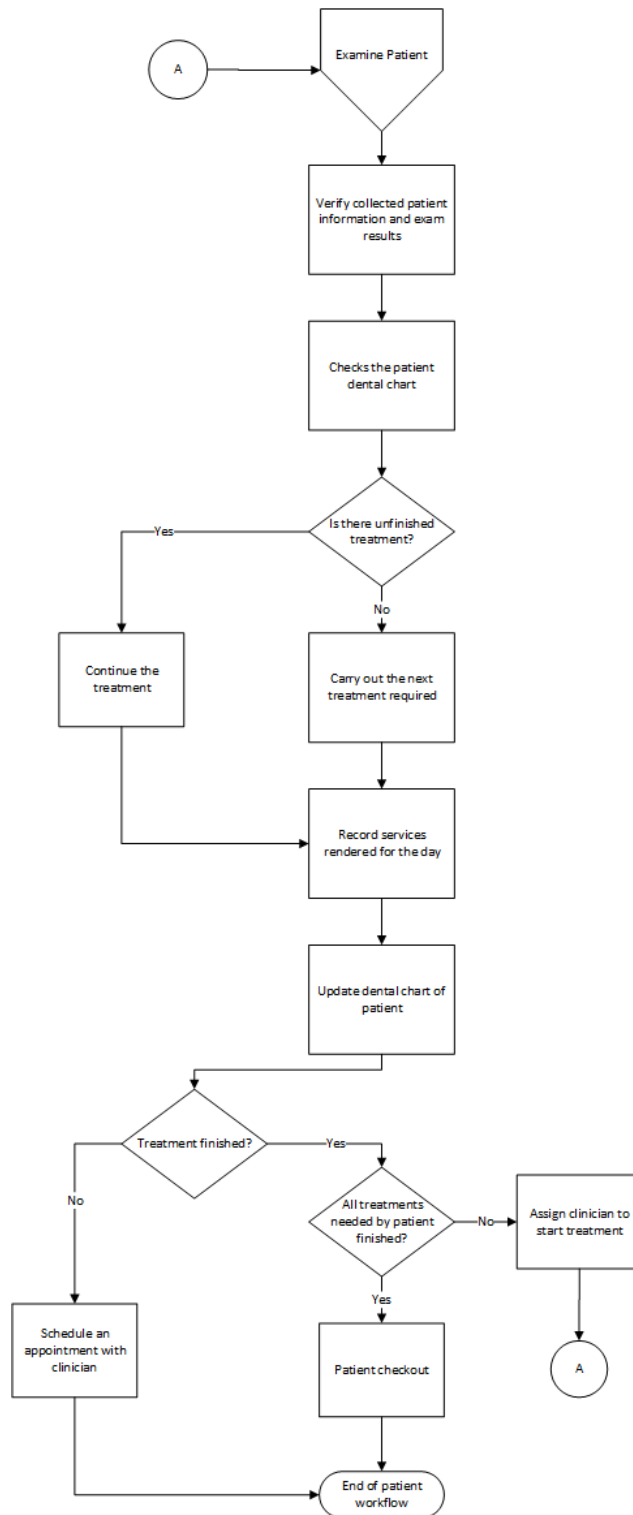


Figure 6: Workflow of Patients of UPCD

The Oral Diagnosis (OD) section of UPCD is responsible for the manage of patient records. When a patient is admitted in UPCD, a record for the patient is created. The clinician in OD then collects patient data starting from basic information like name, age, address, occupation, birthdate and contact details. The patient then undergoes physical assessment. Medical, social and dental history are asked and any history of a disease is recorded. If the patient record already exists, the clinician in OD confirms if the patient already has a patient assigned to him/her. If none, the patient is considered as a returning pateint with new complaints, therefore examinations are performed again. If there is a clinician assigned to the patient, either a treatment is not finished yet or another treatment is to be performed. The patient is examined by the clinician assigned to him/her [5].

Next, the soft tissue examination is performed. If needed, the patient is requested to take dental radiographic or X-ray examinations to be studied by the clinician. Analysis of the radiographs are then written down on a patient data sheet. The patient's mouth and teeth are examined and observations are also examined and recorded in the dental status chart [5].

By then, all of the services needed by the patients, problems to be addressed and the proposed treatment are listed in the patient record. The patient is then referred to the sections in UPCD (Operative Dentistry, Oral Medicine, Prosthodontics) which will cover the treatments. A clinician belonging to that section is assigned to the patient to start the first treatment [5].

The clinician assigned to the patient then examines and double checks the information and exam results of the patient. The treatment is then carried out. If the treatment is not finished along the day, the clinician may schedule more appointments with patient until it is finished. If the treatment is finished, the clinician checks if all the treatments needed by the patient are carried out. If all treatments are carried out already, the patient is checked out. If not, the patient is either assigned to a new clinician or the current clinician who then performs the

next treatment. To keep track of services rendered by clinicians to the patient, they are listed in the patient record [5].

IV. Design and Implementation

A. Use Cases

Student clinician can manage a patient record. Faculty can perform the functionalities of a student clinician and view the section's faculty and student clinicians. The faculty and the system administrator can both view statistics. Finally, the system administrator has the authority to manage the user accounts, roles and sections. Figure 7 shows the top level use case diagram of DentISt 4.0.

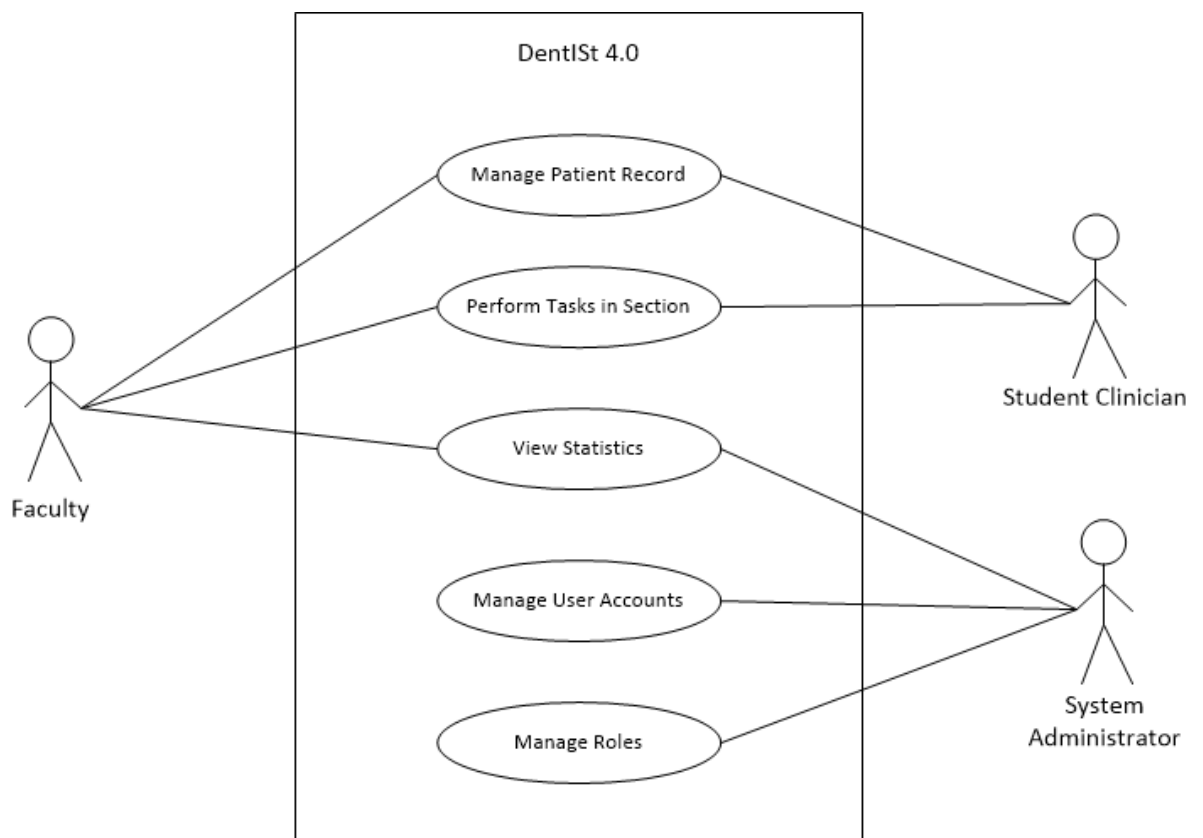


Figure 7: Top Level Use Case Diagram of DentISt 4.0

1. Manage Patient Records

The Manage Patient Records Use Case involves the student clinician and faculty roles. They have the privilege to search and view patients meeting different criterion. Criterion includes age, sex, address, chief complaints, dental status chart and needed services. It allows student clinician and faculty to manage section-specific records as shown in the use case colored in gray. The add, edit patient record, and search/view for patients meeting specific criteria are handled by the fined grained access control module.

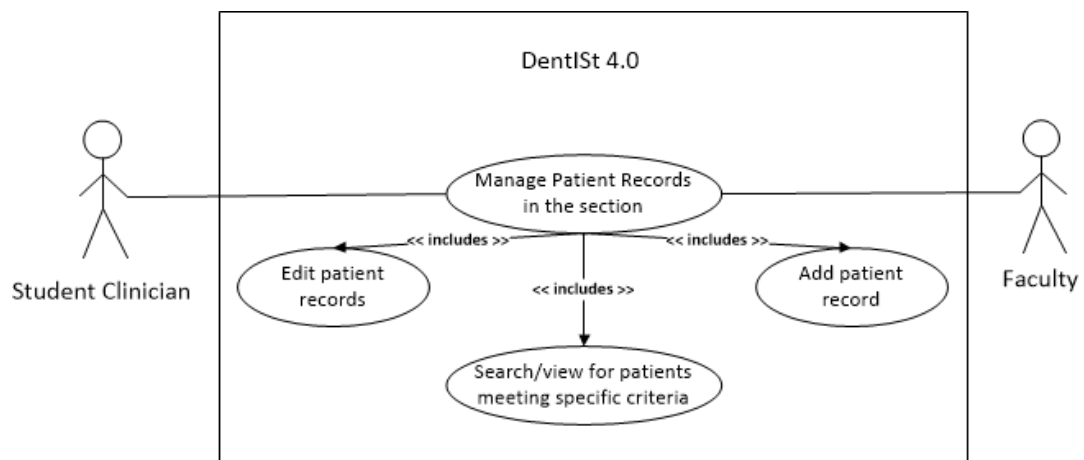


Figure 8: Manage Patient Records Use Case Diagram of Student Clinicians in other sections and Clinicians in Oral Diagnosis of DentISt 4.0

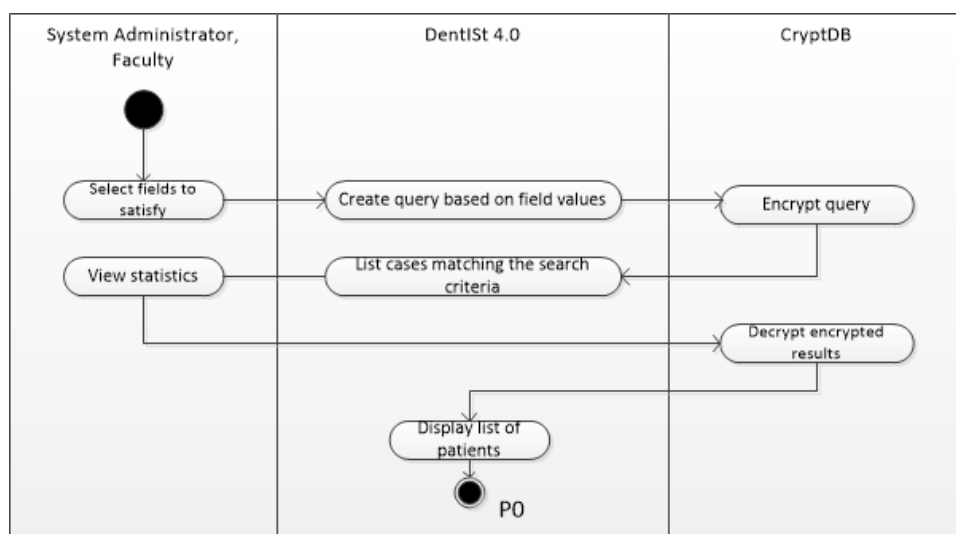


Figure 9: Search and View Patient Record Activity Diagram of DentISt 4.0

2. Perform Tasks in Section

Perform Tasks in the Section Use Case allows student clinician and faculty execute their pending tasks such as appointments, approve updates in patient record, approve student accomplishment and grant permission to access record to the student clinicians from other sections. List of tasks will be based on the role and section of the user. Figure 10 shows the use case diagram.

Activity Diagram of Perform Workow Tasks Use Case of Student Clinician and Faculty is shown in Figure 11.

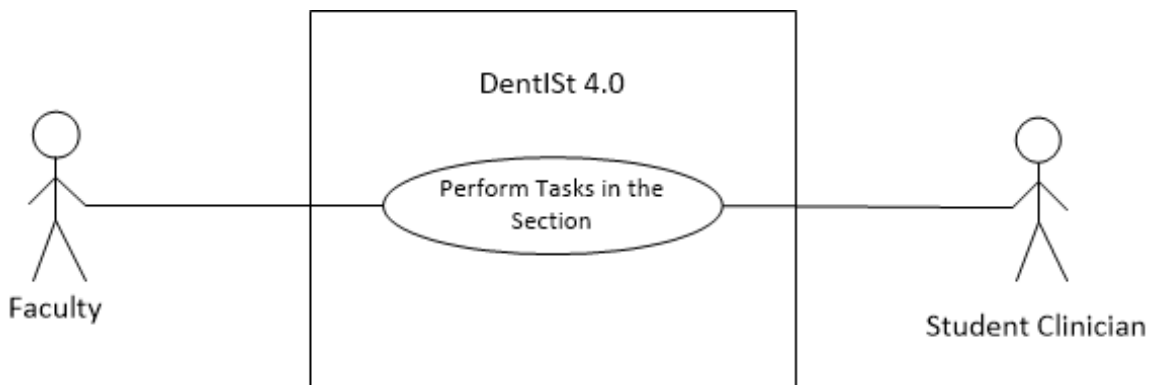


Figure 10: Perform Tasks Use Case Diagram of Student Clinician and Faculty

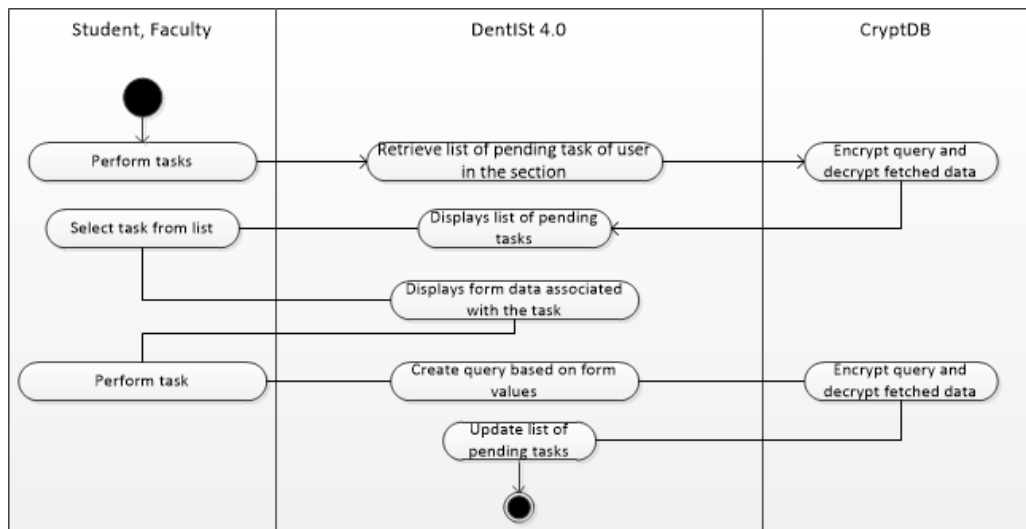


Figure 11: Perform Task Activity Diagram of Student Clinician and Faculty

3. View Statistics

Both system administrator and faculty can view statistics based on the field set of the query of the system administrator. Figure 12 shows the View Statistics Use Case Diagram of the System Administrator and Faculty of DentISt 4.0.

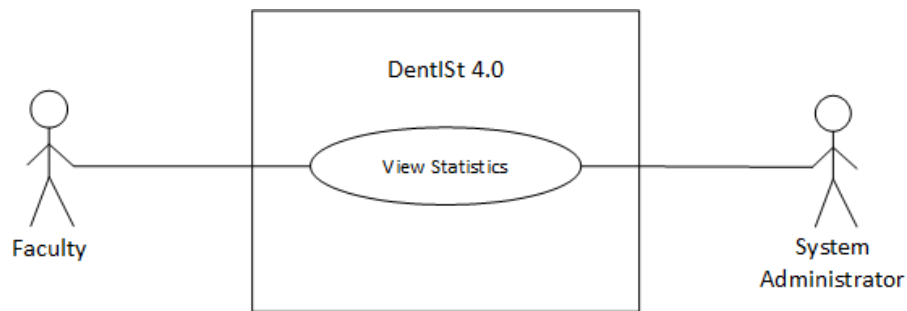


Figure 12: View Statistics Use Case Diagram of the System Administrator and Faculty of DentISt 4.0

Activity Diagram of the View Statistics is shown on Figure 13.

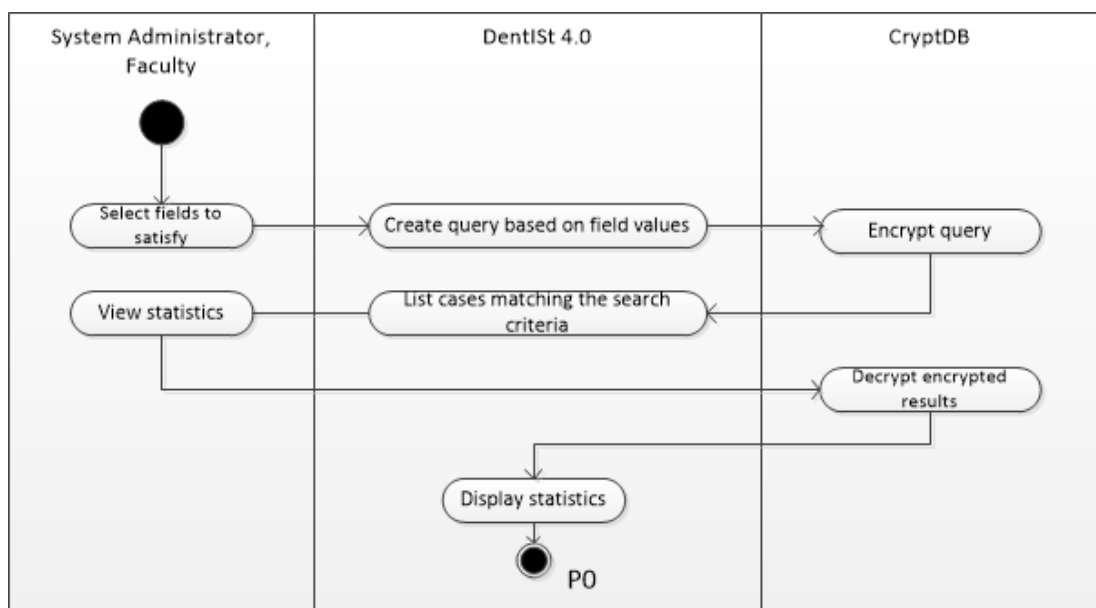


Figure 13: View Statistics Activity Diagram of DentISt 4.0

4. Manage User Accounts

System administrator is in-charge of the management of user accounts. System administrator can add, edit and delete user accounts and grant and remove privileges according to the assigned role of faculty, student clinicians or system administrator. The SA also has the ability to search and view the user accounts. Figure 14 shows the Manage User Accounts Use Case Diagram.

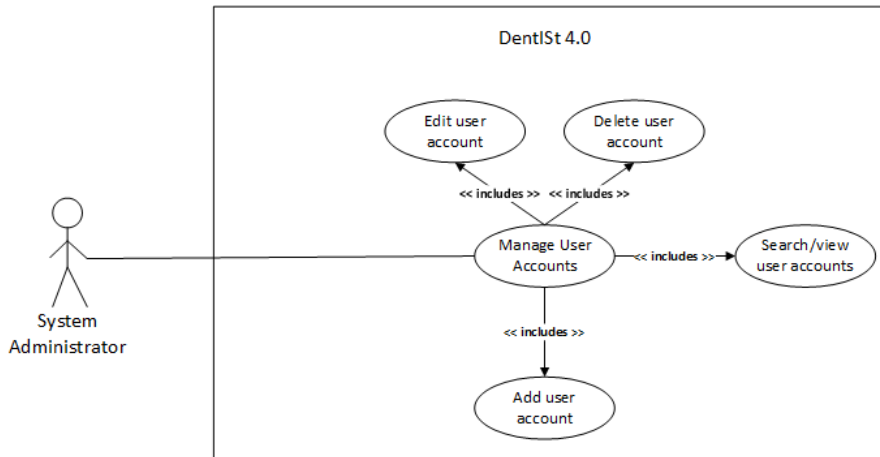


Figure 14: Manage User Accounts Use Case Diagram of the System Administrator

Figures 15, 16, 17 and 18 show the Activity Diagrams for Manage User Account.

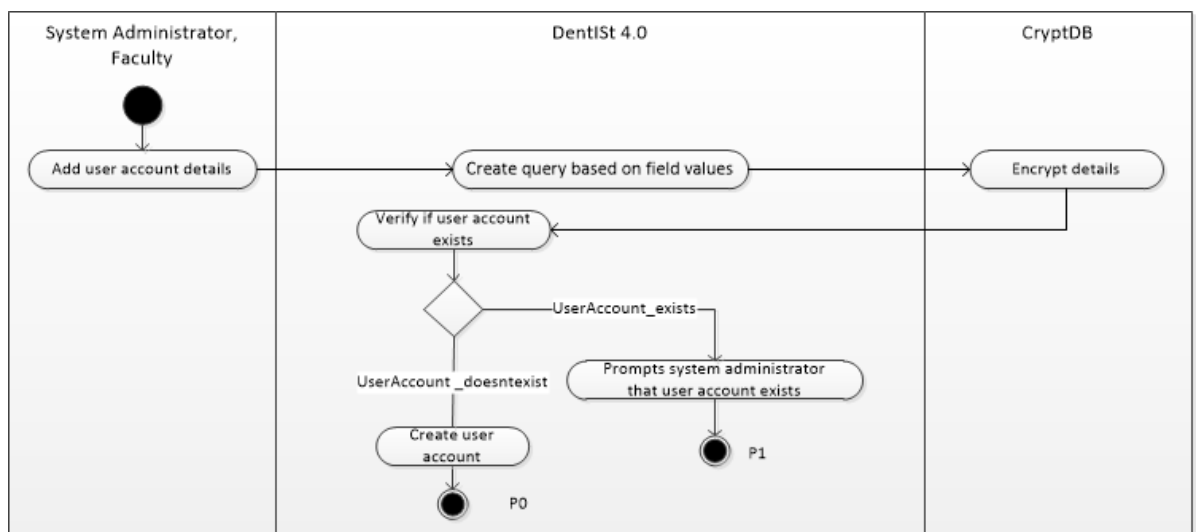


Figure 15: Add User Accounts Activity Diagram of DentIST 4.0

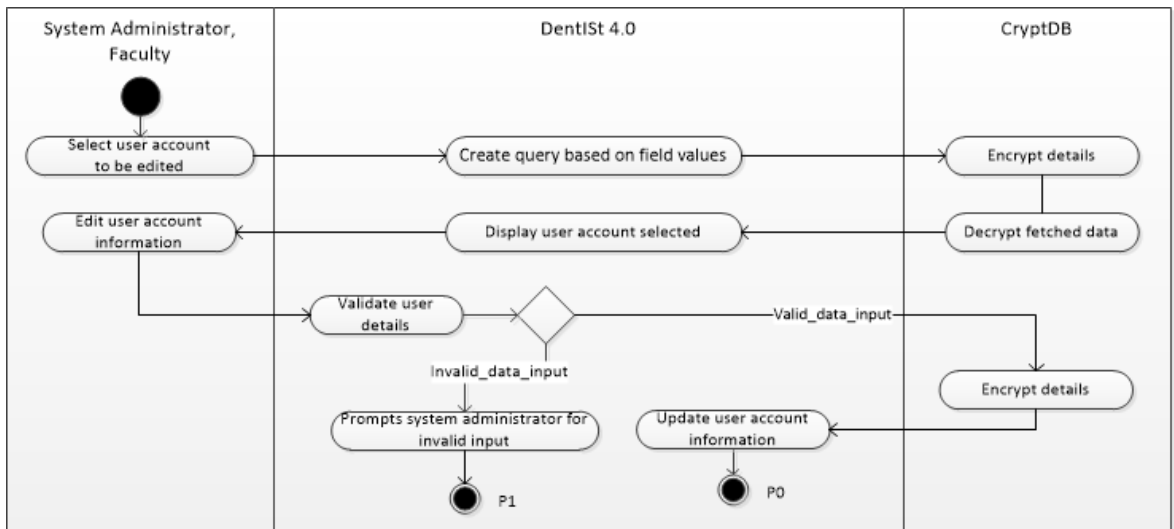


Figure 16: Edit User Accounts Activity Diagram of DentISt 4.0

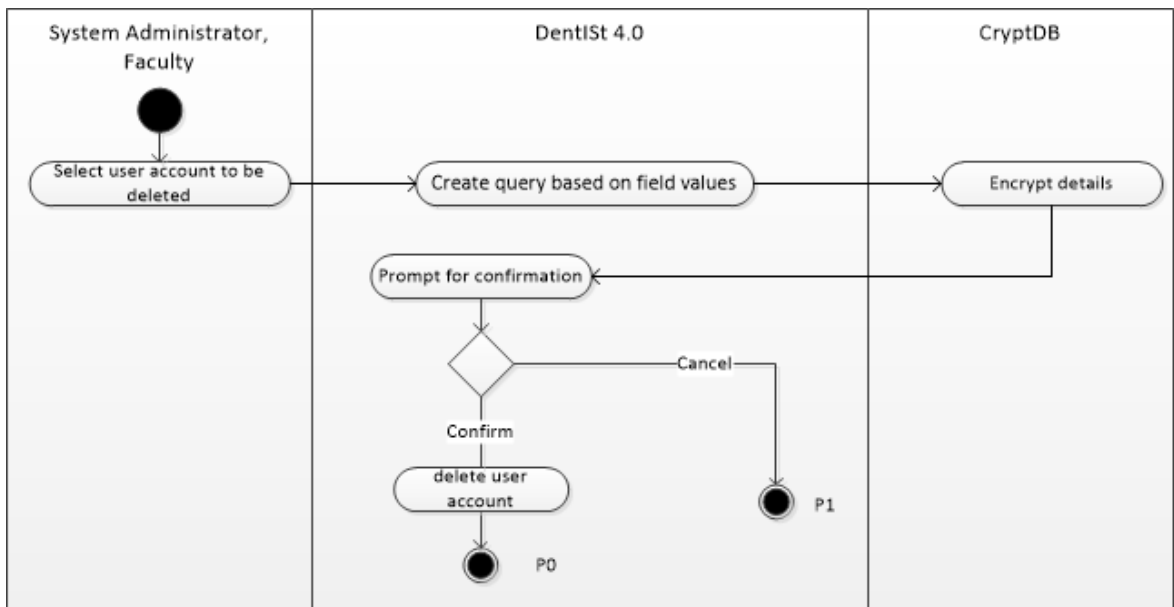


Figure 17: Delete User Accounts Activity Diagram of DentISt 4.0

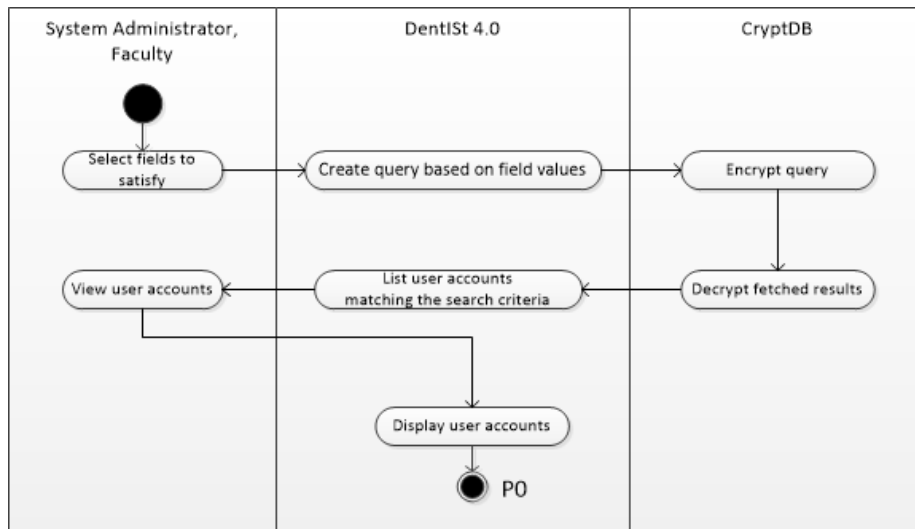


Figure 18: Search and View User Accounts Activity Diagram of DentISt 4.0

5. Manage Roles

The Manage Roles Use Case Diagrams involves only the system administrator who can add, edit and delete roles. Figure 15 shows its Use Case Diagram.

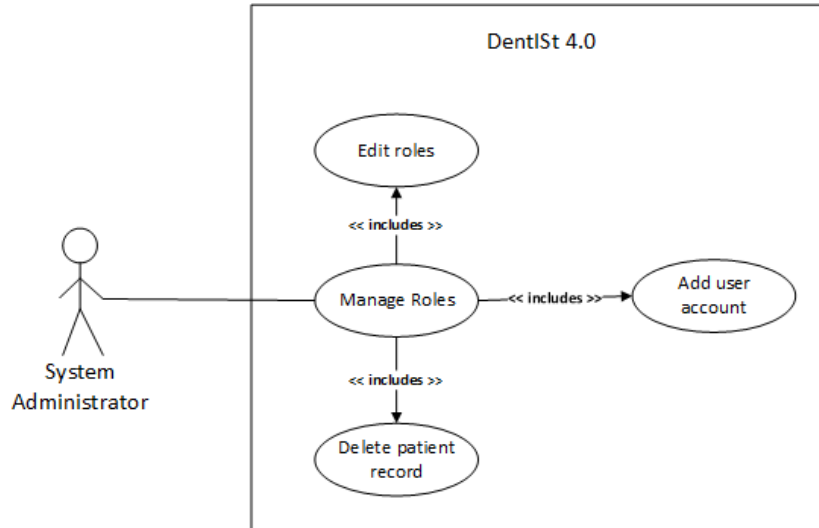


Figure 19: Manage User Accounts Use Case Diagram of the System Administrator

Figure 20, 21 and 22 show the Activity diagram of the Manage Roles.

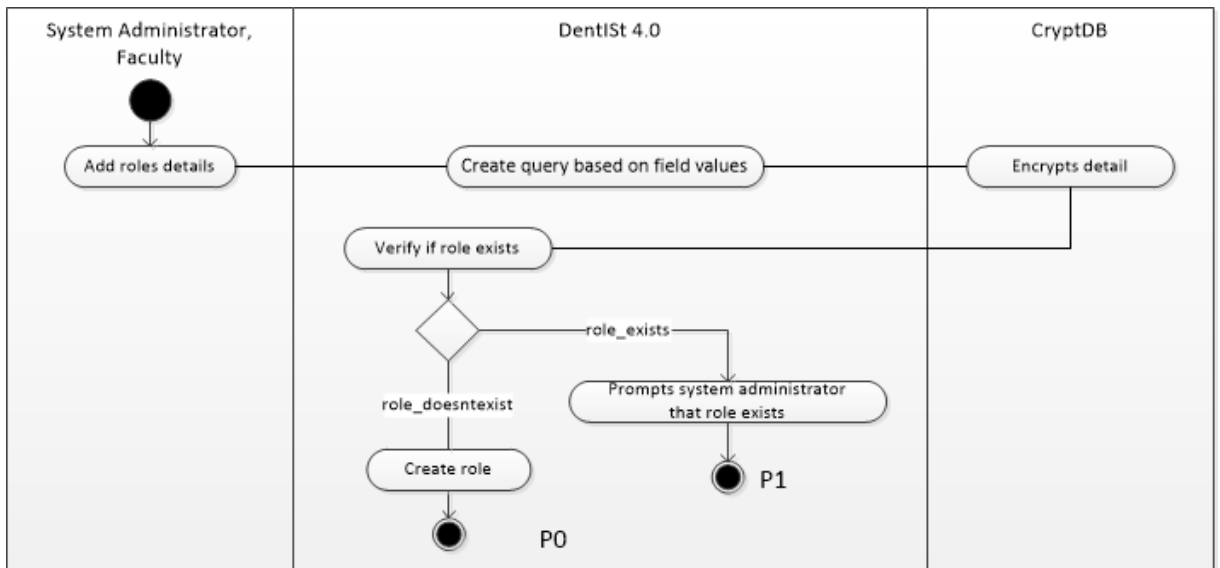


Figure 20: Add Roles Activity Diagram of DentIST 4.0

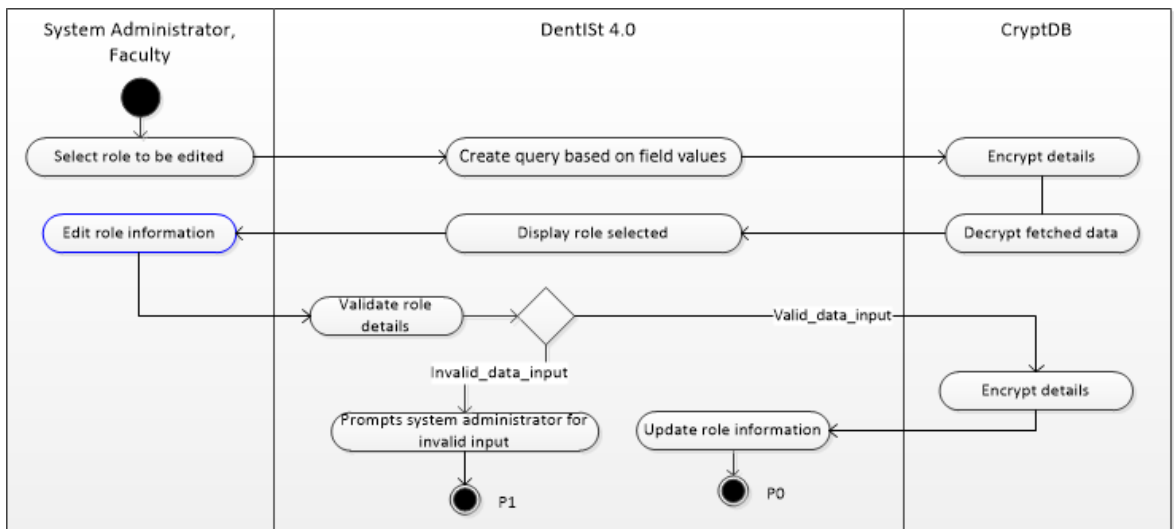


Figure 21: Edit Roles Activity Diagram of DentIST 4.0

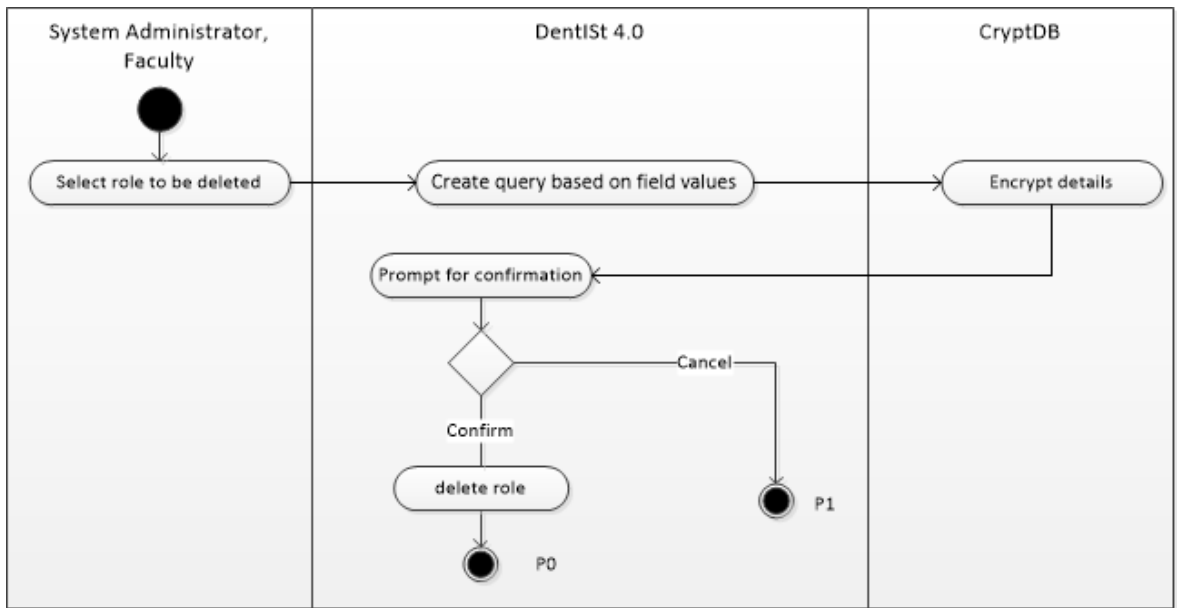


Figure 22: Delete Roles Activity Diagram of DentIST 4.0

B. Database Design

1. Entity Relationship Diagrams

Figure 23 shows the ERD of the User cluster that illustrates the relationships of the tables users, users_role, users_auth, audittrail and studenttasks.

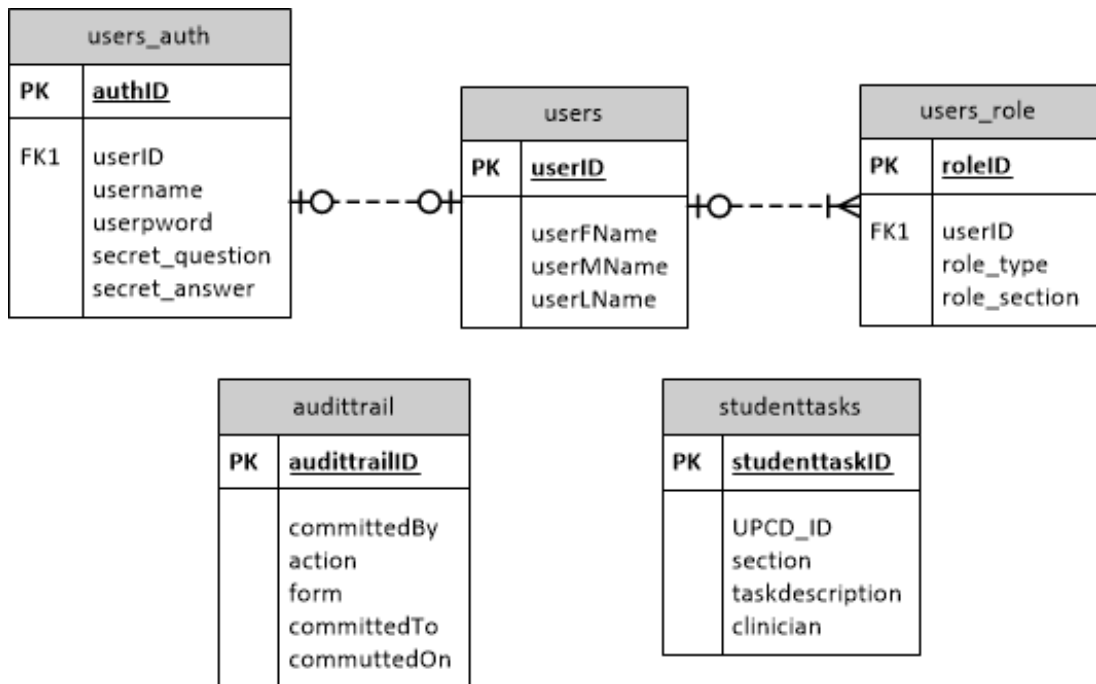


Figure 23: ERD for User Cluster

The ERD of patient group in terms of patient information is shown on Figure 24. The tables connected to the patient entity are the following - patient additional info, patient social history and patient medical history, dental chart, dental data, patient checklist, treatmentplan, radiographic exam, consultation and findings, services rendered, remark, appointment and dashboard version.

2. Data Dictionary

Attribute	Data Type	Description
userID	integer(5)	user identifier
userFName	character varying(30)	first name of user
userMName	character varying(30)	middle name of user
userLName	character varying(30)	last name of user

Table 1: users Table

Attribute	Data Type	Description
roleID	integer(5)	role identifier
userID	integer(5)	user identifier
role_type	character varying(30)	type of role of user
role_section	character varying(30)	section of user

Table 2: users_role Table

Attribute	Data Type	Description
authID	integer(5)	authorization identifier
userID	integer(5)	user identifier
username	character varying(30)	username of user
password	character varying(100)	password of user
salt	character varying(6)	password salt for user

Table 3: users_auth Table

Attribute	Data Type	Description
audittrailID	integer(5)	audittrail identifier
committedBy	integer(5)	name of user who performed action in the system
action	character varying(20)	action done in the system
action_performed	character varying(128)	who or what the action was performed
form	character varying(50)	what form the action was done
committedTo	character varying(8)	name of user/patient who received the action in the system
committedOn	character varying(10)	date the action was done

Table 4: audittrail Table

Attribute	Data Type	Description
UPCD_ID	character varying(8)	patient identifier
patientFName	character varying(30)	patient's first name
patientMName	character varying(30)	patient's middle name
patientLName	character varying(30)	patient;s last name
homeno	character varying(10)	patient's address - home number
street	character varying(30)	patient's address - street
brgy	character varying(30)	patient's address - baranggay
city	character varying(30)	patient's address - city
province	character varying(30)	patient's address - province
gender	character varying(30)	patient's gender
bdate	character varying(30)	patient's birthdate
age	integer(3)	patient's age
deceased	character varying(10)	is patient deceased
clinicianid	integer(5)	patient's current clinician
date	character varying(10)	date patient record is created
section	character varying(30)	section where patient belongs to

Table 5: patient Table

Attribute	Data Type	Description
patientinfoID	integer(5)	patient information identifier
UPCD_ID	character varying(8)	patient identifier
civstat	character varying(30)	civil status of patient
phonenum	character varying(11)	contact number of patient
edattain	character varying(30)	educational attainment of patient
occupation	character varying(30)	occupation of patient
persontonotify	character varying(50)	guardian of patient
persontonotifyphone	character varying(11)	contact number of guardian of patient
histo	character varying(100)	present illness of patient

Table 6: patientinfo Table

Attribute	Data Type	Description
phyassessID	integer(5)	physical assessment identifier
UPCD_ID	character varying(8)	patient identifier
gait	character varying(200)	gait
appearance	character varying(200)	appearance
defects	character varying(200)	defects

Table 7: phyassess Table

Attribute	Data Type	Description
vitalsignsID	integer(5)	vital signs identifier
UPCD_ID	character varying(8)	patient identifier
bp	character varying(20)	blood pressure of patient
pr	integer(20)	pulse rate of patient
rr	integer(20)	respiration rate of patient
temp	character varying(10)	temperature of patient
wt	character varying(5)	weight of patient

Table 8: vitalsigns Table

Attribute	Data Type	Description
patientinfoversionID	integer(5)	identifier of patient information record of patient
UPCD_ID	character varying(8)	patient whose record is updated
updatedBy	integer(5)	user who updated the record
updateDate	character varying(10)	date the record is updated
updateStatus	character varying(30)	status of record
approvedBy	integer(5)	user who approved the record
approveDate	character varying(10)	date the record is approved

Table 9: patientinfoversion Table

Attribute	Data Type	Description
checklistID	integer(5)	identifier of patient checklist record of patient
UPCD_ID	character varying(8)	patient identifier
highbloodpressure	character varying(3)	Does patient has high blood pressure?
joint_pain	character varying(3)	Does patient has joint pains?
heart_attack	character varying(3)	Does patient had heart attack?
tremors	character varying(3)	Does patient has tremors?
chest_pain	character varying(3)	Does patient has angina pectoris or chest pain?
blood_transfusion	character varying(3)	Does patient had blood transfusion?
swollen_ankles	character varying(3)	Does patient has swollen ankles?
denied_blood	character varying(3)	Does patient has denied permission to give blood?
high_fever	character varying(3)	Does patient has frequent high fever?
pallor	character varying(3)	Does patient has pallor?
pacemaker	character varying(3)	Does patient has pacemakers or artificial heart valves?
diabetes	character varying(3)	Does patient has diabetes?
emphysema	character varying(3)	Does patient has emhysema?
goiter	character varying(3)	Does patient has goiter?
afternoon_fever	character varying(3)	Does patient has afternoon fever?
bruising_tendency	character varying(3)	Does patient has bleeding or bruising_tendency?
chronic_cough	character varying(3)	Does patient has chronic cough?
weight_change	character varying(3)	Does patient had sudden weight loss or gain?
breathing_problem	character varying(3)	Does patient has breathing_problems?
frequent_thirst	character varying(3)	Does patient has frequent thirst?
bloody_sputum	character varying(3)	Does patient has bloody sputum?
frequent_hunger	character varying(3)	Does patient experience frequent hunger?
sinusitis	character varying(3)	Does patient has sinusitis?
frequent_urination	character varying(3)	Does patient experience frequent urination?
frequent_headaches	character varying(3)	Does patient experience frequent headaches?
chemotherapy	character varying(3)	Does patient had chemotherapy?
dizziness	character varying(3)	Does patient experience dizziness?
urination_pain	character varying(3)	Does patient experience pain upon urination?
loss_consciousness	character varying(3)	Does patient has fainting spells or loss of consciousness?
urine_blood	character varying(3)	Does patient has blood/pus in urine?
visual_impairment	character varying(3)	Does patient has visual impairment?
hepatitis	character varying(3)	Does patient has hepatitis?
hearing_impairment	character varying(3)	Does patient has hearing impairment?
HIV_positive	character varying(3)	Is patient HIV positive?
arthritis	character varying(3)	Does patient has arthritis?

pelvic_discomfort	character varying(3)	Does patient has pelvic/lower abdominal discomfort?
nervousness	character varying(3)	Does patient has nervousness?
depression	character varying(3)	Does patient experience depression?
anxiety	character varying(3)	Does patient experience anxiety?
asthma	character varying(3)	Does patient has asthma?
others	character varying(3)	Does patient experience other condition/s?
patientothers_text	character varying(30)	Other condition/s of patient

Table 10: patientchecklist Table

Attribute	Data Type	Description
checklistID	integer(5)	family checklist identifier
UPCD_ID	character varying(8)	patient identifier
familydiabetes	character varying(3)	Does family has history of diabetes?
bleeding_disorder	character varying(3)	Does family has history of bleeding disorder?
heart_diseases	character varying(3)	Does family has history of heart diseases?
cancer	character varying(3)	Does family has history of cancer?
familyothers	character varying(3)	Does family has history of other diseases?
familyothers_text	character varying(30)	Other family diseases of patient?

Table 11: familychecklist Table

Attribute	Data Type	Description
checklistID	integer(5)	allergy checklist identifier
UPCD_ID	character varying(8)	patient identifier
drugs	character varying(3)	Is the patient allergic to drugs?
food	character varying(3)	Is the patient allergic of foods?
rubber	character varying(3)	Is the patient allergic of rubber?
allergyothers	character varying(3)	Does patient has other allergies?
allergyothers_text	character varying(30)	Other allergies of patient?

Table 12: allergychecklist Table

Attribute	Data Type	Description
checklistID	integer(5)	female checklist identifier
UPCD_ID	character varying(8)	patient identifier
pregnant	character varying(3)	Is the patient pregnant?
breastfeeding	character varying(3)	Is the patient breastfeeding?
hormone therapy	character varying(3)	Does patient undergo hormone replacement therapy?
menstruation	character varying(3)	Does patient currently having menstruation?
contraceptive	character varying(3)	Does patient use any contraceptive/s?

Table 13: femalechecklist Table

Attribute	Data Type	Description
patientchecklistID	integer(5)	identifier of patient checklist record of patient
UPCD_ID	character varying(8)	patient whose record is updated
updatedBy	integer(5)	user who updated the record
updateDate	character varying(10)	date the record is updated
updateStatus	character varying(30)	status of record
approvedBy	integer(5)	user who approved the record
approveDate	character varying(10)	date the record is approved

Table 14: patientchecklistversion Table

Attribute	Data Type	Description
medhistoID	bigint	medical history identifier
UPCD_ID	character varying(8)	patient identifier
physician_name	character varying(100)	physician of patient
physician_phone	character varying(11)	contact number of physician of patient
dateoflatesthospitalization	character varying(10)	date of latest hospitalization of patient
hospitalizationreason	character varying(100)	reason for latest hospitalization
allergies	character varying(30)	allergies
illnesses	character varying(30)	illnesses
medications	character varying(30)	medications
childhood_illnesses	character varying(30)	childhood diseases history

Table 15: medicalhistory Table

Attribute	Data Type	Description
socialhistoid	integer(5)	social history identifier
UPCD_ID	character varying(8)	patient identifier
cigarette	character varying(3)	Is the patient using or have used tobacco,cigarette?
cigarette_type	character varying(100)	What kind does the patient smoke?
cigar_frequency	character varying(100)	How often does the patient smoke?
cigar_duration	character varying(20)	How many years has the patient been smoking?
cigar_dateofflastexposure	character varying(10)	If patient already stopped, how long since last used?
alcohol	character varying(3)	Does the patient drink alcoholic beverage?
alcohol_type	character varying(100)	What kind does the patient drink?
alcohol_frequency	character varying(20)	How often does the patient drink?
alcohol_duration	character varying(10)	How many years has the patient been drinking?
alcohol_dateofflastexposure	character varying(50)	If patient already stopped, how long since last used?
drug	character varying(3)	Has the patient used drugs for recreation purposes?
drug_type	character varying(100)	What kind of drug?
drug_frequency	character varying(20)	How often does the patient use drugs?
drug_duration	character varying(10)	How many years has the patient been using?
drug_dateofflastexposure	character varying(10)	If patient already stopped, how long since last used?

Table 16: socialhistory Table

Attribute	Data Type	Description
socialhistoid	integer(5)	social history identifier
UPCD_ID	character varying(8)	patient identifier
cigarette	character varying(3)	Is the patient using or have used tobacco,cigarette?
cigarette_type	character varying(100)	What kind does the patient smoke?
cigar_frequency	character varying(100)	How often does the patient smoke?
cigar_duration	character varying(20)	How many years has the patient been smoking?
cigar_dateoflastexposure	character varying(10)	If patient already stopped, how long since last used?
alcohol	character varying(3)	Does the patient drink alcoholic beverage?
alcohol_type	character varying(100)	What kind does the patient drink?
alcohol_frequency	character varying(20)	How often does the patient drink?
alcohol_duration	character varying(10)	How many years has the patient been drinking?
alcohol_dateoflastexposure	character varying(50)	If patient already stopped, how long since last used?
drug	character varying(3)	Has the patient used drugs for recreation purposes?
drug_type	character varying(100)	What kind of drug?
drug_frequency	character varying(20)	How often does the patient use drugs?
drug_duration	character varying(10)	How many years has the patient been using?
drug_dateoflastexposure	character varying(10)	If patient already stopped, how long since last used?

Table 17: socialhistory Table

Attribute	Data Type	Description
medandsochistoversionID	integer(5)	identifier of medical and social history of patient
UPCD_ID	character varying(8)	patient whose record is updated
updatedBy	integer(5)	user who updated the record
updateDate	character varying(10)	date the record is updated
updateStatus	character varying(30)	status of record
approvedBy	integer(5)	user who approved the record
approveDate	character varying(10)	date the record is approved

Table 18: medandsochistoversion Table

Attribute	Data Type	Description
denthistoID	integer(5)	dental data identifier
UPCD_ID	character varying(8)	patient identifier
dateofflastvisit	character varying(10)	date of last visit
proceduresonlastvisit	character varying(10)	last visit procedure
frequencyofvisit	character varying(30)	frequency of dental visit
anesthesia_exposure	character varying(30)	exposure and response to local anesthesia
dental_complications	character varying(100)	complications during and or after dental procedure

Table 19: dentalhistory Table

Attribute	Data Type	Description
softtissueexamID	integer(5)	dental data identifier
UPCD_ID	character varying(8)	patient identifier
headneckTMJ	character varying(100)	head and neck TMJ
lipstrenum	character varying(100)	lips
mucosa	character varying(100)	mucosa
palate	character varying(100)	palate
pharynx	character varying(100)	pharynx
floorofthemouth	character varying(100)	floor of the mouth
tongue	character varying(100)	tongue
lymphnodes	character varying(100)	lymphnodes
salivaryglands	character varying(100)	salivary glands
thyroid	character varying(100)	thyroid
gingiva	character varying(100)	gingiva

Table 20: softtissueexamination Table

Attribute	Data Type	Description
dentaldataversionID	integer(5)	identifier of dental data record of patient
UPCD_ID	character varying(8)	patient whose record is updated
updatedBy	integer(5)	user who updated the record
updateDate	character varying(10)	date the record is updated
updateStatus	character varying(30)	status of record
approvedBy	integer(5)	user who approved the record
approveDate	character varying(10)	date the record is approved

Table 21: dentaldataversion Table

Attribute	Data Type	Description
cariesstatusID	integer(5)	caries status identifier
UPCD_ID	character varying(8)	patient identifier
distal_caries	character varying(200)	distal caries
buccal_caries	character varying(200)	buccal caries
lingual_caries	character varying(200)	lingual caries
mesial_caries	character varying(200)	mesial caries
occlusal_caries	character varying(200)	occlusal caries
distal_restorable_caries	character varying(200)	restorable distal caries
buccal_restorable_caries	character varying(200)	restorable buccal caries
lingual_restorable_caries	character varying(200)	restorable lingual caries
mesial_restorable_caries	character varying(200)	restorable mesial caries
occlusal_restorable_caries	character varying(200)	restorable occlusal caries

Table 22: cariesstatus Table

Attribute	Data Type	Description
recurrentstatusID	integer(5)	recurrent caries status identifier
UPCD_ID	character varying(8)	patient identifier
distal_recurrent	character varying(200)	distal recurrent
buccal_recurrent	character varying(200)	buccal recurrent
lingual_recurrent	character varying(200)	lingual recurrent
mesial_recurrent	character varying(200)	mesial recurrent
occlusal_recurrent	character varying(200)	occlusal recurrent
distal_restorable_recurrent	character varying(200)	restorable distal recurrent
buccal_restorable_recurrent	character varying(200)	restorable buccal recurrent
lingual_restorable_recurrent	character varying(200)	restorable lingual recurrent
mesial_restorable_recurrent	character varying(200)	restorable mesial recurrent
occlusal_restorable_recurrent	character varying(200)	restorable occlusal recurrent

Table 23: recurrentstatus Table

Attribute	Data Type	Description
restorationstatusID	integer(5)	restoration status identifier
UPCD_ID	character varying(8)	patient identifier
distal_restoration	character varying(200)	distal restoration
buccal_restoration	character varying(200)	buccal restoration
lingual_restoration	character varying(200)	lingual restoration
mesial_restoration	character varying(200)	mesial restoration
occlusal_restoration	character varying(200)	occlusal restoration
distal_restorable_restoration	character varying(200)	restorable distal restoration
buccal_restorable_restoration	character varying(200)	restorable buccal restoration
lingual_restorable_restoration	character varying(200)	restorable lingual restoration
mesial_restorable_restoration	character varying(200)	restorable mesial restoration
occlusal_restorable_restoration	character varying(200)	restorable occlusal restoration

Table 24: restorationstatus Table

Attribute	Data Type	Description
dentalchartID	integer(5)	dental chart identifier
UPCD_ID	character varying(8)	patient identifier
extrusion	character varying(200)	extrusion
intrusion	character varying(200)	intrusion
mesial_rotation	character varying(200)	mesial drifting rotation
distal_rotation	character varying(200)	distal drifting rotation
rotation	character varying(200)	rotation
postcore_crown	character varying(200)	postcore crown
rootcanal_treatment	character varying(200)	root canal treatment
pitfissure_sealants	character varying(200)	pit and fissure sealants
extracted	character varying(200)	extracted
missing	character varying(200)	missing
unerupted	character varying(200)	unerupted
impacted	character varying(200)	impacted
porcelain_crown	character varying(200)	porcelain crown
acrylic_crown	character varying(200)	acrylic crown
metal_crown	character varying(200)	metal crown
porcelain_fused	character varying(200)	porcelain fused to metal
fixed_bridge	character varying(200)	fixed bridge

Table 25: dentalchart Table

Attribute	Data Type	Description
denturesID	integer(5)	identifier of denture record of patient
UPCD_ID	character varying(8)	patient whose record is updated
complete_denture	character varying(3)	complete denture
upper_denture	character varying(3)	upper denture
lower_denture	character varying(3)	lower denture

Table 26: dentures Table

Attribute	Data Type	Description
serviceneededID	integer(5)	service needed identifier
UPCD_ID	character varying(8)	patient identifier
class1	character varying(200)	class I
class2	character varying(200)	class II
class3	character varying(200)	class III
class4	character varying(200)	class IV
class5	character varying(200)	class V
onlay	character varying(200)	onlay
odontectomy	character varying(200)	odontectomy
special_class	character varying(200)	special case
pulp_sedation	character varying(200)	pulp sedation
crown_recementation	character varying(200)	recementation of crown
filling_service	character varying(200)	temporary filling service
laminated	character varying(200)	laminated
single_crown	character varying(200)	single crown
bridge_service	character varying(200)	bridge service
anterior	character varying(200)	anterior
posterior	character varying(200)	posterior
orthoendo	character varying(200)	Other services needed

Table 27: serviceneeded Table

Attribute	Data Type	Description
otherservicesID	integer(5)	identifier of other srvcies record of patient
UPCD_ID	character varying(8)	patient whose record is updated
periodontics	character varying(3)	complete denture
pedodontics	character varying(3)	upper denture
orthodontics	character varying(3)	lower denture
acuteinfections	character varying(3)	lower denture
traumaticinjuries	character varying(3)	lower denture
completedenture	character varying(3)	complete denture
singledenture	character varying(3)	single denture
removablepartialdenture	character varying(3)	removable partial denture
other denture	character varying(3)	other denture
dentalnotes	character varying(300)	dental notes

Table 28: otherservices Table

Attribute	Data Type	Description
dentalchartversionID	integer(5)	identifier of dental chart version record of patient
UPCD_ID	character varying(8)	patient whose record is updated
updatedBy	integer(5)	user who updated the record
updateDate	character varying(10)	date the record is updated
updateStatus	character varying(30)	status of record
approvedBy	integer(5)	user who approved the record
approveDate	character varying(10)	date the record is approved

Table 29: dentalchartversion Table

Attribute	Data Type	Description
treatmentplanID	integer(5)	treatment plan identifier
UPCD_ID	character varying(8)	patient identifier
chiefcomplaints	character varying(100)	chief complaint of patient
perio	character varying(3)	perio
rpd	character varying(3)	rpd
resto	character varying(3)	resto
os	character varying(3)	os
fpd	character varying(3)	fpd
pedo	character varying(3)	pedo
endo	character varying(3)	endo
cd	character varying(3)	cd
ortho	character varying(3)	ortho
proposedtreatmentplan	character varying(100)	proposed treatment plan

Table 30: treatmentplan Table

Attribute	Data Type	Description
treatmentplanversionID	integer(5)	identifier of treatmentplan record of patient
UPCD_ID	character varying(8)	patient whose record is updated
updatedBy	integer(5)	user who updated the record
updateDate	character varying(10)	date the record is updated
updateStatus	character varying(30)	status of record
approvedBy	integer(5)	user who approved the record
approveDate	character varying(10)	date the record is approved

Table 31: treatmentplanversion Table

Attribute	Data Type	Description
radioexamID	integer(5)	treatment plan identifier
UPCD_ID	character varying(8)	patient identifier
date	character varying(300)	date of radiographic examination
toothno	character varying(300)	tooth number
findings	character varying(500)	findings

Table 32: radiographicexam Table

Attribute	Data Type	Description
radioexamversionID	integer(5)	identifier of radiographic exam record of patient
UPCD_ID	character varying(8)	patient whose record is updated
updatedBy	integer(5)	user who updated the record
updateDate	character varying(10)	date the record is updated
updateStatus	character varying(30)	status of record
approvedBy	integer(5)	user who approved the record
approveDate	character varying(10)	date the record is approved

Table 33: radioexamversion Table

Attribute	Data Type	Description
confindID	integer(5)	consultation and findings identifier
UPCD_ID	character varying(8)	patient identifier
date	character varying(300)	date
reason	character varying(300)	reason
startdate	character varying(300)	start date
enddate	character varying(300)	end date
findings	character varying(500)	findings

Table 34: consultationandfindings Table

Attribute	Data Type	Description
confindversionID	integer(5)	identifier of consultation and findings version of patient
UPCD_ID	character varying(8)	patient whose record is updated
updatedBy	integer(5)	user who updated the record
updateDate	character varying(10)	date the record is updated
updateStatus	character varying(30)	status of record
approvedBy	integer(5)	user who approved the record
approveDate	character varying(10)	date the record is approved

Table 35: confindversion Table

Attribute	Data Type	Description
servicesneededID	integer(5)	services needed identifier
UPCD_ID	character varying(8)	patient identifier
date	character varying(300)	date
services	character varying(500)	services
fees	character varying(300)	fees

Table 36: servicesrendered Table

Attribute	Type	Description
servicesneededversionID	integer(5)	identifier of consultation and findings version of patient
UPCD_ID	character varying(8)	patient whose record is updated
updatedBy	integer(5)	user who updated the record
updateDate	character varying(10)	date the record is updated
updateStatus	character varying(30)	status of record
approvedBy	integer(5)	user who approved the record
approveDate	character varying(10)	date the record is approved

Table 37: servicesrenderedversion Table

Attribute	Data Type	Description
patientdashboardversionID	integer(5)	identifier of patient dashboard version of patient
UPCD_ID7	character varying(8)	patient whose record is updated
updatedBy7	integer(5)	user who updated the record
updateDate7	character varying(10)	date the record is updated
updateStatus7	character varying(30)	status of record
approvedBy7	integer(5)	user who approved the record
approveDate7	character varying(10)	date the record is approved

Table 38: patientdashboardversion Table

Attribute	Data Type	Description
studenttaskID	integer(5)	student task identifier
UPCD_ID	character varying(8)	patient identifier
section	character varying(30)	section of the patient
taskdescription	character varying(100)	description of task
clinicianID	integer(5)	clinician incharge of the patient

Table 39: studenttasks Table

Attribute	Data Type	Description
remarkID	integer(5)	remark identifier
userID	integer(5)	student clinician who updated the record
facultyID	integer(5)	faculty who made the remark
patientID	character varying(8)	patient who record is updated
remarkStatus	character varying(30)	remark status
patientinfo	character varying(100)	remark on patient information
patientchecklist	character varying(100)	remark on patient information
medandsochisto	character varying(100)	remark on medical and social history
dentaldata	character varying(100)	remark on patient dental data
dentalchart	character varying(100)	remark on dental chart
treatmentplan	character varying(100)	remark on treatment plan
radioexam	character varying(100)	remark on radiographic exam
conandfind	character varying(100)	remark on consultation and findings
servicesrendered	character varying(100)	remark on services rendered

Table 40: remark Table

V. Architecture

A. System Architecture



Figure 25: System Architecture of DentISt

Figure 25 shows the system architecture of DentISt. The system has three layers-presentation, service and database. The presentation layer has the web interface that is coded in HTML and uses JQuery and Javascript framework. The presentation and service layers are connected using the Codeigniter framework. The service layer was developed with the PHP programming language. The database layer is divided into two sublayers - the upper sublayer which is composed of MySQL Proxy and CryptDB, and the lower layer which is MySQL. Instead of the traditional service layer communication with MySQL at the database layer directly, the service layer communicates with CryptDB-MySQL Proxy and then this communicates with MySQL. It is through MySQL Proxy that encryption/de-encryption to/from the database is performed.

B. Technical Architecture

DentISt 4.0 is compatible for the following operating systems:

- Ubuntu Linux 12.04 or better

It will also use the following software on the server:

- Git 1.9.0 or better
- Ruby 2.1.0 or better

The following software are required for CryptDB:

- MySQL Proxy
- MySQL 5.5.14
- Automake
- Bazaar
- Bison
- Cmake
- Flex
- G++

The client side must have any of the following compatible web browsers:

- Mozilla Firefox 16.0.1
- Google Chrome 22.0.1229.94
- Safari 5.1.7
- Opera 12.02

VI. Results

A. System Functionalities Screenshots

The login page of DentISt 4.0(shown in Figure 26) is displayed once the site is .opened



Figure 26: Login Page of DentISt

If the proper credentials are given, the login page will redirect to the home page, where various navigations menus and links are found. Home differs based on the type of user who has logged in - if the user is a system administrator (Figure 27), student clinician (Figure 28), or a faculty (Figure 29),

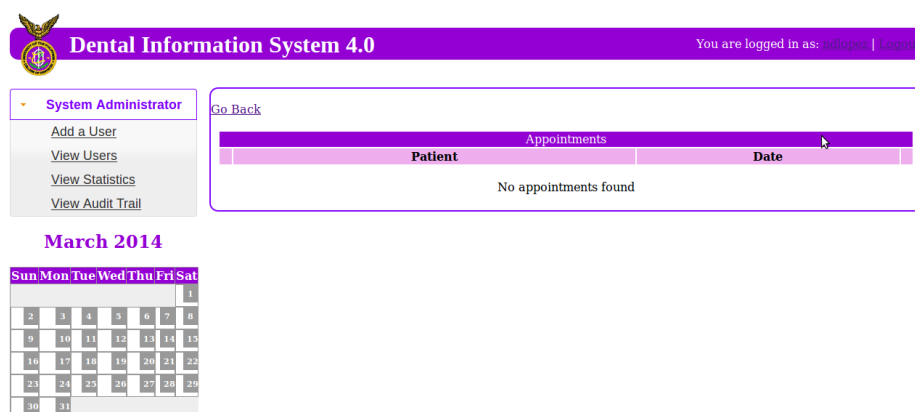


Figure 27: Home Page of System Administrator

Dental Information System 4.0 You are logged in as: [hk12345](#) | [Logout](#)

Student (Oral Medicine)

[Query for Patient/s](#)
[Tasks](#)
[View Appointments](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Appointments			
Patient	Date	Reschedule	Remove
1 Jezra Y. Alcantara	2014-02-26	Reschedule	Remove
2 Peter Paul M. Ouitorio	2014-03-16	Reschedule	Remove
3 Janel B. Ouitorio	2014-04-17	Reschedule	Remove
4 Jocelle M. Contreras	2014-03-31	Reschedule	Remove

Tasks Lists			
Tasks	Updated By	Update Date	Patient Name
1 Assign to Oral Medicine Clinician	Pending	Pending	Sherwin Keith B. Saringan
2 Assign to Oral Medicine Clinician	Pending	Pending	Jeyzel Anne L. Apolonio

Figure 28: Home Page of Student Clinician

Dental Information System 4.0 You are logged in as: [pasolana](#) | [Logout](#)

Faculty (Oral Medicine)

[Query for Patient/s](#)
[Tasks](#)
[View Clinician Appointments](#)
[View Section Clinicians](#)
[View Statistics](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Appointments	
Patient	Date
No appointments found	

Tasks Lists			
Tasks	Updated By	Update Date	Patient Name
1 Verify Referral to Oral Medicine	Hainah Kariza A. Leus	2014-02-20	Jezra Y. Alcantara
2 Assign to Oral Medicine Clinician	Pending	Pending	Sherwin Keith B. Saringan
3 Assign to Oral Medicine Clinician	Pending	Pending	Jeyzel Anne L. Apolonio

Figure 29: Home Page of Faculty Clinician

Each user can view their profile on the My Profile link found at the top right portion of the page. This displays the information about the current user and is shown by Figure 30

A user can change his/her password using the Change Password link in his/her profile. Figure 31

To create a patient, users must click the Add Patient link under the Student(Oral Diagnosis) menu. Only clinicians in Oral Diagnosis can create a patient. Figure 32 shows how to add a patient.

In creating a new patient, the identifier to use is UPCD Identification Number with the format NN-NNNNN, the first two is the year the patient is registered,

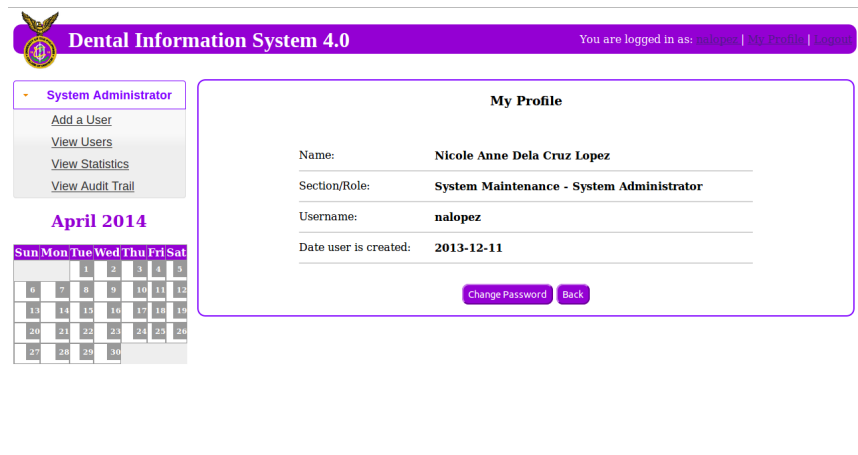


Figure 30: My Profile Page of User

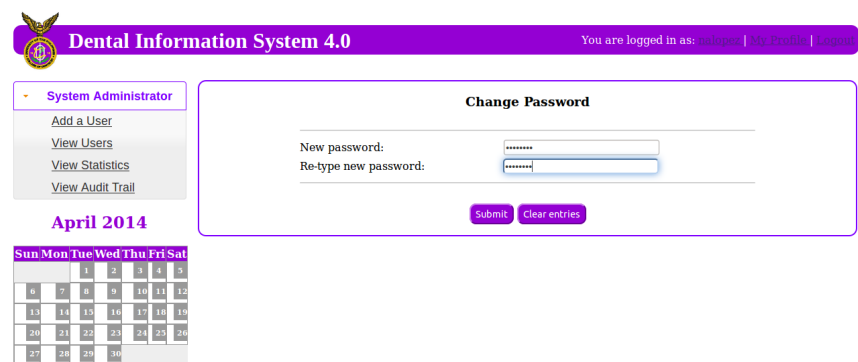



Figure 31: Change Password Page of User

while the last five numbers are any numbers. The UPCD ID number is automatically generated by the system.

After the patient is created, a new case is started for the patient and clinician is directed to the patient's dashboard shown in Figure 33. The clinician can then start working on the patient record. The patient is assigned to the oral diagnosis clinician who created his/her record.

The assigned oral diagnosis clinician can then edit the oral diagnosis forms and refer the patient to a UPCD section. The form dashboard, as shown in Figure 33, consists of nine forms namely Patient Information, Patient Checklist, Medical and Social History, Dental Data, Dental Chart, Treatment Plan, Radiographic Exam, Services Rendered and Consultation and Findings.



Dental Information System 4.0 You are logged in as: [atmeren](#) | [Logout](#)

Student (Oral Diagnosis)

[Add a Patient](#)

[Query for Patient/s](#)

[Tasks](#)

[View Appointments](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Create New Patient

Name:


UPCD ID: -

Address:

Demographics: Gender: Birthdate:
Age:

Deceased? Yes No

Figure 32: Create New Patient



Dental Information System 4.0 You are logged in as: [atmeren](#) | [Logout](#)

Student (Oral Diagnosis)

[Add a Patient](#)

[Query for Patient/s](#)

[Tasks](#)

[View Appointments](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Jeyzel Anne L. Apolonio UPCD ID 14-00022

Female 6 years old
405 Medium Rise Building Ususan, Taguig City, Metro Manila

[Patient Information](#)

[Patient Checklist](#)

[Medical and Social History](#)

[Dental Data](#)

[Dental Status Chart](#)

[Treatment Plan](#)

[Radiographic Examination](#)

[Services Rendered](#)

[Consultation and Findings](#)

Refer to:

Figure 33: Patient Dashboard

In the Patient Information link, clinicians can edit basic information, physical assessment and vital signs information of the patient. The form is shown in Figure 34. In the Patient Checklist link (shown in Figure 35), the clinicians can edit the patient checklist form.

Dental Information System 4.0 You are logged in as: gimeren | Logout

Student (Oral Diagnosis)

[Add a Patient](#)
[Query for Patient/s](#)
[Tasks](#)
[View Appointments](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Jeyzel Anne L. Apolonio UPCD ID 14-00022

Female 6 years old
 405 Medium Rise Building Ususan, Taguig City, Metro Manila

[Dashboard](#) [View Versions](#)

** means required*

Additional Demographics

Civil Status: *

Phone: *

Educational Attainment: *

Occupation: *

Person to notify in-case of emergency: *

Phone: *

History of Present Illness: *

Physical Assessment

Gait: *

Appearance: *

Defects: *

Vital Signs

Blood Pressure (mmHg): *

Pulse Rate (bpm): *

Respiration Rate (RR): *

Temperature (celsius): *

Weight (kg): *

Figure 34: Edit Patient Information

In the Medical and Social History link, medical history and social history forms are found. To update these data, clinicians need to fill out the forms shown in Figure 36. In the Dental Data and Treatment Plan link, the dental data form and treatment plan form can be edited respectively. Figures 37 and 38 shows how to edit the dental data and treatmentplan forms.

The screenshot displays the 'Dental Information System 4.0' interface. At the top, a purple header contains the system name and a login status: 'You are logged in as: gimeren | Logout'. Below the header, the patient's name 'Jeyzel Anne L. Apolonio' and 'UPCD ID 14-00022' are shown. The patient's details include 'Female 6 years old' and '405 Medium Rise Building Ususan, Taguig City, Metro Manila'. A navigation bar includes 'Dashboard' and 'View Versions' links. On the left, a sidebar menu for 'Student (Oral Diagnosis)' offers options like 'Add a Patient', 'Query for Patient/s', 'Tasks', and 'View Appointments'. Below this is a calendar for 'March 2014'. The main content area is divided into two sections: 'Medical History' and 'Social History'. The 'Medical History' section includes fields for 'Physician Name' (Anthony Pantaleon), 'Phone number' (09125679231), 'Date of latest hospitalization' (2014-03-07), 'Reason' (dental prophylaxis), 'Allergies' (none), 'Illnesses' (none), 'Medications' (none), and 'Childhood illnesses (below 18 y.o.)' (urinary tract infection). The 'Social History' section contains questions about tobacco/cigarette use (Yes/No), alcohol consumption (Yes/No), and drug use for recreation (Yes/No), with radio buttons for selection. At the bottom, there are 'Save' and 'Clear entries' buttons.

Figure 36: Edit Medical and Social History



Student (Oral Diagnosis)

[Add a Patient](#)

[Query for Patient/s](#)

[Tasks](#)

[View Appointments](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Jeyzel Anne L. Apolonio UPCD ID 14-00022

Female 6 years old
405 Medium Rise Building Ususan, Taguig City, Metro Manila

[Dashboard](#) [View Versions](#)

** means required*

Dental History

Date of last visit: *

Procedures done on last visit: *

Frequency of dental visit: *

Exposure or response to local anesthesia *

Complications during and or after dental procedure *

Soft Tissue Examination

Head, neck and TMJ * <input type="text" value="clear"/>	Lips/Frenum * <input type="text" value="clear"/>
Mucosa * <input type="text" value="clear"/>	Palate * <input type="text" value="clear"/>
Pharynx * <input type="text" value="clear"/>	Floor of the mouth * <input type="text" value="clear"/>
Tongue * <input type="text" value="clear"/>	Lymph nodes * <input type="text" value="clear"/>
Salivary Gland * <input type="text" value="clear"/>	Thyroid * <input type="text" value="clear"/>
Gingiva * <input type="text" value="clear"/>	

[Save](#) [Clear entries](#)

Figure 37: Edit Dental Data



Student (Oral Diagnosis)

[Add a Patient](#)

[Query for Patient/s](#)

[Tasks](#)

[View Appointments](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Jeyzel Anne L. Apolonio UPCD ID 14-00022

Female 6 years old
405 Medium Rise Building Ususan, Taguig City, Metro Manila

[Dashboard](#) [View Versions](#)

** means required*

Treatment Plan

Chief Complaints: *

Service Code: * PERIO RPD Resto
 OS FPD PEDO
 ENDO CD Ortho

Proposed Treatment Plan *

[Save](#) [Clear entries](#)

Figure 38: Edit Treatment Plan

The Radiographic Exam, Services Rendered and Consultation and Findings forms will contain the examination results of the patient after consultation. Figures 39, 40 and 41 show how to edit their fields.

Dental Information System 4.0 You are logged in as: [gmeren](#) | [Logout](#)

Student (Oral Diagnosis)

- [Add a Patient](#)
- [Query for Patient/s](#)
- [Tasks](#)
- [View Appointments](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Jeyzel Anne L. Apolonio UPCD ID 14-00022

Female 6 years old
405 Medium Rise Building Ususan, Taguig City, Metro Manila

[Dashboard](#) [View Versions](#)

** means required*

Radiographic Exam

Date *	Tooth No. *	Findings *
<input type="checkbox"/> 2014-03-20	15	caries

[Add Row](#) [Delete Row/s](#)

[Save](#) [Clear entries](#)

Figure 39: Edit Radiographic Exam

Dental Information System 4.0 You are logged in as: gtmereen | Logout

Student
(Oral Diagnosis)

[Add a Patient](#)

[Query for Patient/s](#)

[Tasks](#)

[View Appointments](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Jeyzel Anne L. Apolonio UPCD ID 14-00022

Female 6 years old
405 Medium Rise Building Ususan, Taguig City, Metro Manila

[Dashboard](#) [View Versions](#)

** means required*

Date *	Services Rendered *	Fees *
<input type="checkbox"/> 2014-03-13	extrusion	500

[Add Row](#) [Delete Row/s](#)
[Save](#) [Clear entries](#)

Figure 40: Edit Services Rendered

Dental Information System 4.0 You are logged in as: gtmereen | Logout

Student
(Oral Diagnosis)

[Add a Patient](#)

[Query for Patient/s](#)

[Tasks](#)

[View Appointments](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Jeyzel Anne L. Apolonio UPCD ID 14-00022

Female 6 years old
405 Medium Rise Building Ususan, Taguig City, Metro Manila

[Dashboard](#) [View Versions](#)

** means required*

Date *	Reason for Consult *	From *	To *	Findings/Recommendation *
<input type="checkbox"/> 2014-03-10	toothache	2014-03-12	2014-03-29	none

[Add Row](#) [Delete Row/s](#)
[Save](#) [Clear entries](#)

localhost/DentIST/index.php/consultationandfindings/patient/14-00022#

Figure 41: Edit Consultation and Findings

The dental chart is found in the Dental Chart link as shown in Figure 42.

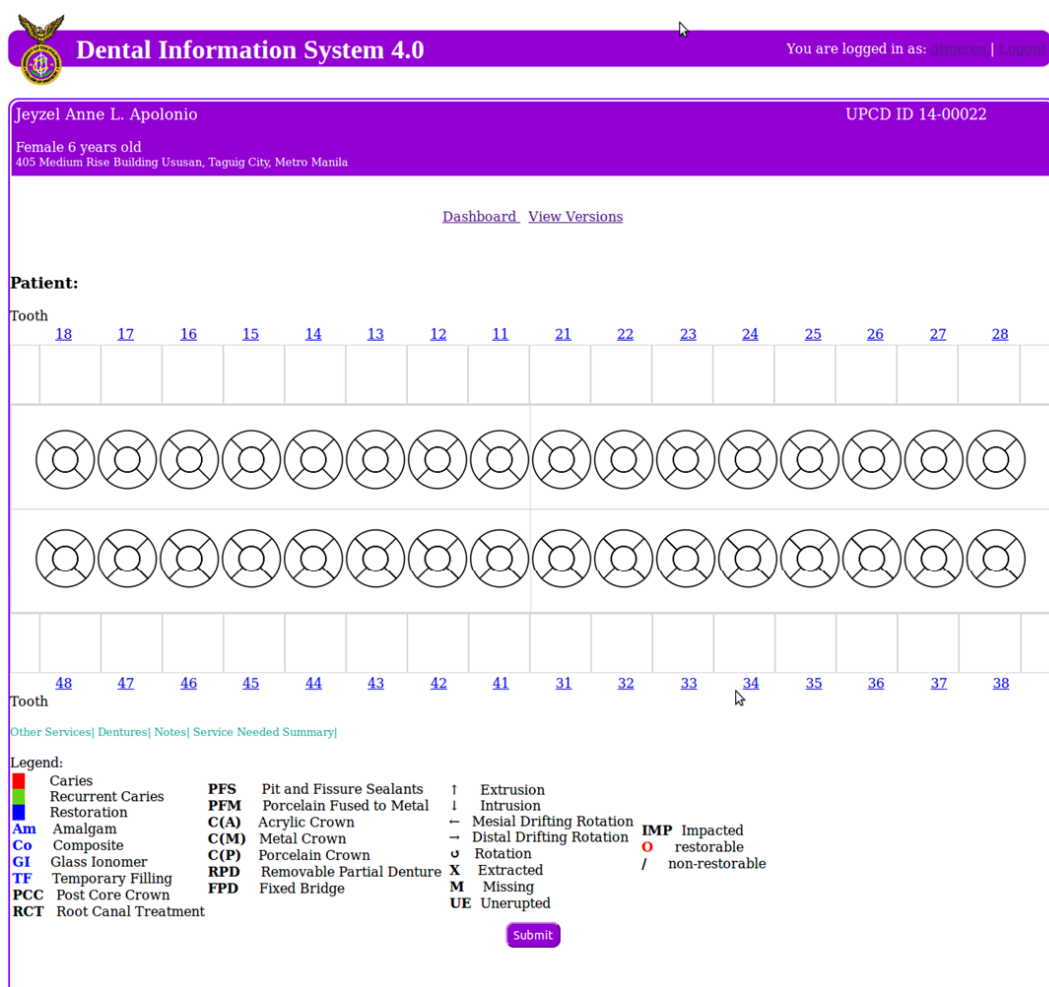


Figure 42: Dental Chart

The legend per graphical representation as shown in Figure 43 is always present below the dental chart for easier viewing. The dental chart has three colors. Red represents caries, green represents recurrent caries and blue for restoration. Black is for whole tooth status.

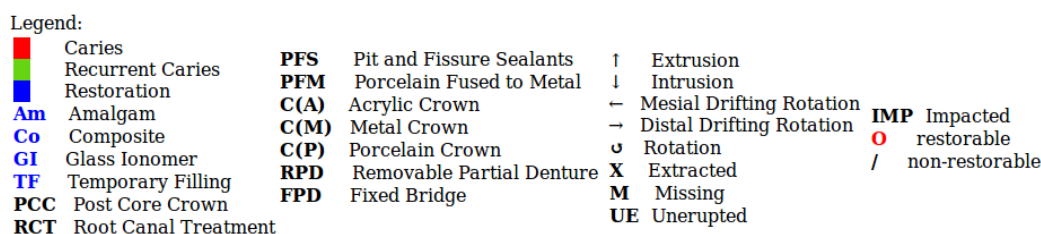


Figure 43: Legend - Dental Chart

The assigned clinician can edit the dental chart by clicking on the tooth numbers and adding the necessary conditions and services needed. The summarized services needed can also be viewed in the dental chart. Figures 44, 45, 46, 47, 48, 49, 50 show the dental chart functionalities.

Dental Information System 4.0 You are logged in as: [ctimeran](#) | [Logout](#)

Jeyzel Anne L. Apolonio UPCD ID 14-00022

Female 6 years old
405 Medium Rise Building Ususan, Taguig City, Metro Manila

[Dashboard](#) [View Versions](#)

Patient:

Tooth

18	17	16	15	14	13	12	11	21	22	23	24	25	26	27	28

Tooth

48	47	46	45	44	43	42	41	31	32	33	34	35	36	37	38
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

[Other Services](#) | [Dentures](#) | [Notes](#) | [Service Needed Summary](#)

Legend:

■ Caries	PFS Pit and Fissure Sealants	↑ Extrusion
■ Recurrent Caries	PFM Porcelain Fused to Metal	↓ Intrusion
■ Restoration	C(A) Acrylic Crown	↔ Mesial Drifting Rotation
Am Amalgam	C(M) Metal Crown	↔ Distal Drifting Rotation
Co Composite	C(P) Porcelain Crown	⊖ Rotation
GI Glass Ionomer	RPD Removable Partial Denture	X Extracted
TF Temporary Filling	FPD Fixed Bridge	M Missing
PCC Post Core Crown		UE Unerupted
RCT Root Canal Treatment		IMP Impacted
		○ restorable
		/ non-restorable

Figure 44: Update Dental Chart

[Submit](#) [Cancel](#)

Dental Status

Caries Recurrent Restoration

Mesial

Distal

Occlusal

Buccal

Lingual

Whole Tooth



Figure 45: Edit Dental Chart

extracted missing Over erupted impacted

[Submit](#) [Cancel](#)

Services needed

Operative Dentistry
 Class I Class II Class III Class IV Class V Onlay

Surgery
 Extraction Odontectomy Special Case

Emergency Treatment
 Pulp Sedation Recementation of crowns Temporary fillings

Fixed Partial Dentures
 Laminated Single Crown Bridge

Endodontics
 Anterior Posterior Others (Endosurgery, Bleaching, etc.)

[Submit](#) [Cancel](#)

Other Services | Dentures | Notes | Service Needed Summary

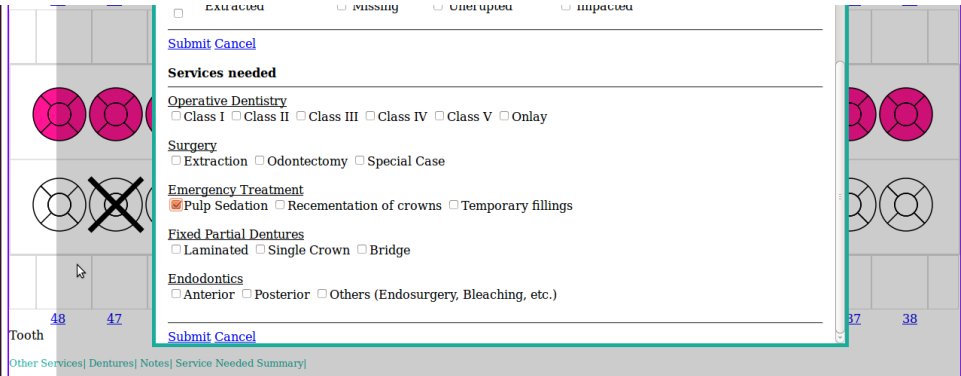


Figure 46: Update Dental Chart - Services Needed

Jeyzel Anne L. Apolonio UPCD ID 14-00022

Female 6 years old
 405 Medium Rise Building Ususan, Taguig City, Metro Manila

Patient:

Tooth

Service Needed Summary | [Cancel](#)

Emergency Treatment
 Pulp Sedation : 45,

Operative Dentistry
 Class 1 : 33, 45,

Surgery
 Extraction: 45,

Tooth

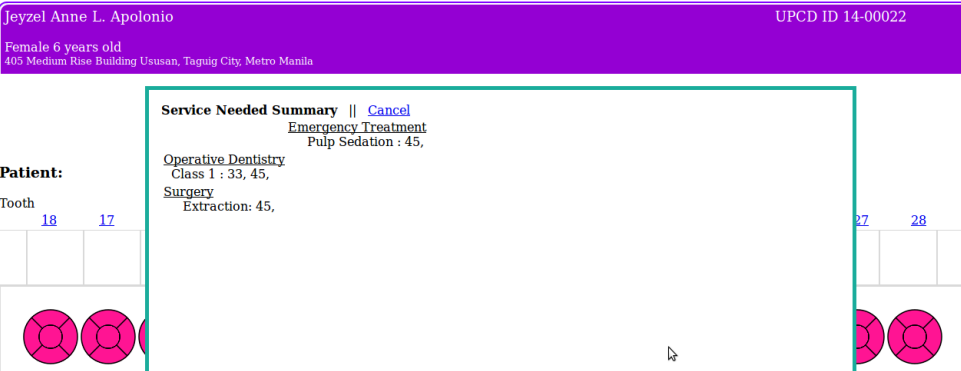


Figure 47: Update Dental Chart - Service Needed Summary

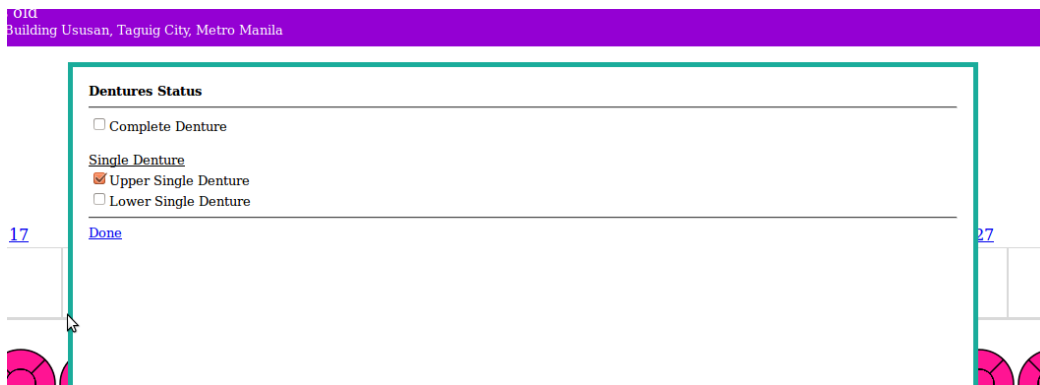


Figure 48: Update Dental Chart - Dentures

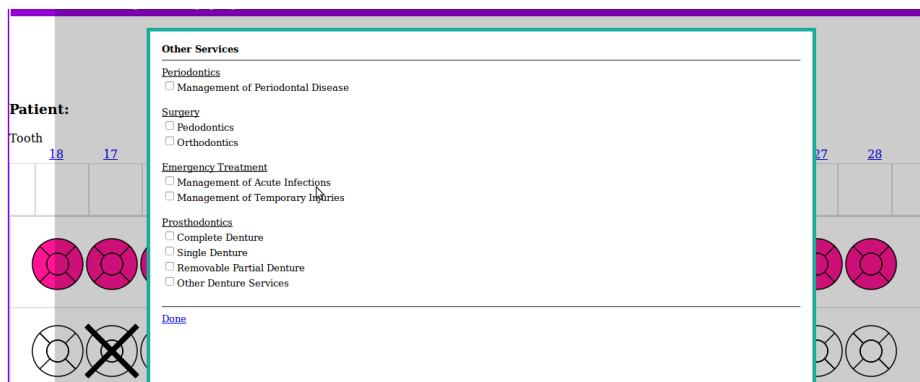


Figure 49: Update Dental Chart - Other Services

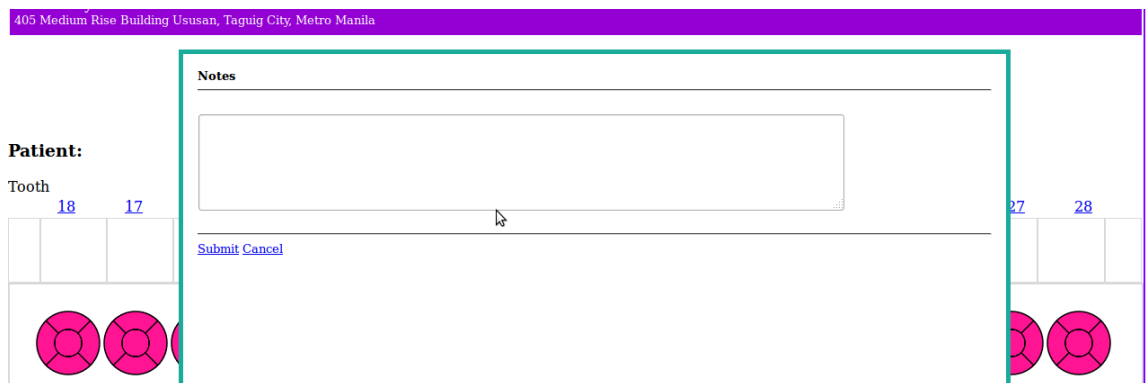


Figure 50: Update Dental Chart - Notes

If the clinician is a faculty, the patient forms are submitted to the section indicated in Refer to Section eld. However if the clinician is a student, the forms are forwarded to the faculty clinicians of the section for checking and approval. The faculty can approve or reject the updates of the clinicians. The faculty can add remarks and reject the updates so that the forms are submitted back to the assigned student clinician for modications. The faculty also has the choice to save remarks temporarily and decide later whether to approve or reject (shown in Figure 51). Approval of updates is shown in Figure 52. Figure 53 shows when a record update is rejected by a clinician.

Dental Information System 4.0 You are logged in as: [jquitorio](#) | [Logout](#)

Faculty (Oral Medicine)

- Query for Patient/s
- Tasks
- View Clinician
- Appointments
- View Section Clinicians
- View Statistics

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Janel B. Quitorio UPCD ID 14-00019
 Female 2 years old
 261 Sulucan 2 Tigbe, Norzagaray, Bulacan

This revision has been marked 'Temporary'.

- Patient Information**
- Patient Checklist**
- Medical and Social History**
- Dental Data**
- Dental Status Chart**
- Treatment Plan**
- Radiographic Examination**
- Services Rendered**
- Consultation and Findings**

Refer to section: Operative Dentistry

Remarks:

- Patient Information
- Patient Checklist
- Medical & Social History
- Dental Data
- Dental Status Chart
- Treatment Plan
- Radiographic Exam
- Services Rendered
- Consultation and Findings

[Save Remarks](#) [Approve](#) [Reject](#)

Figure 51: Faculty saves Student Clinician Updates as Temporary Record.

Dental Information System 4.0 You are logged in as: [admin](#) | [Logout](#)

Faculty (Oral Medicine)

- Query for Patient/s
- Tasks
- View Clinician Appointments
- View Section Clinicians
- View Statistics

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Lea Marie P. Linquico UPCD ID 14-00015
 Female 16 years old
 309 Subacan 2 Tague, Norzagaray, Bulacan

This revision has been marked 'Approved'.

- [Patient Information](#)
- [Patient Checklist](#)
- [Medical and Social History](#)
- [Dental Data](#)
- [Dental Status Chart](#)
- [Treatment Plan](#)
- [Radiographic Examination](#)
- [Services Rendered](#)
- [Consultation and Findings](#)

Remarks:

- Patient Information
- Patient Checklist
- Medical & Social History
- Dental Data
- Dental Status Chart
- Treatment Plan
- Radiographic Exam
- Services Rendered
- Consultation and Findings

Figure 52: Faculty Approval of Student Clinician Updates

Dental Information System 4.0 You are logged in as: [admin](#) | [Logout](#)

Faculty (Oral Medicine)

- Query for Patient/s
- Tasks
- View Clinician Appointments
- View Section Clinicians
- View Statistics

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Janel B. Quitarro UPCD ID 14-00019
 Female 2 years old
 301 Subacan 2 Tague, Norzagaray, Bulacan

This revision has been marked 'Rejected'.

- [Patient Information](#)
- [Patient Checklist](#)
- [Medical and Social History](#)
- [Dental Data](#)
- [Dental Status Chart](#)
- [Treatment Plan](#)
- [Radiographic Examination](#)
- [Services Rendered](#)
- [Consultation and Findings](#)

Refer to section: Operative Dentistry

Remarks:

- Patient Information
- Patient Checklist
- Medical & Social History
- Dental Data
- Dental Status Chart
- Treatment Plan
- Radiographic Exam
- Services Rendered
- Consultation and Findings

Figure 53: Faculty Rejects Student Clinician Updates

The patient record is forwarded to the appropriate section once the record has been finalized by a faculty clinician. The clinicians of the section can then claim the patient case as shown in Figure 54. The clinician who claimed the case will be the assigned clinician and will be the only one who can edit the record while the patient is in the section.

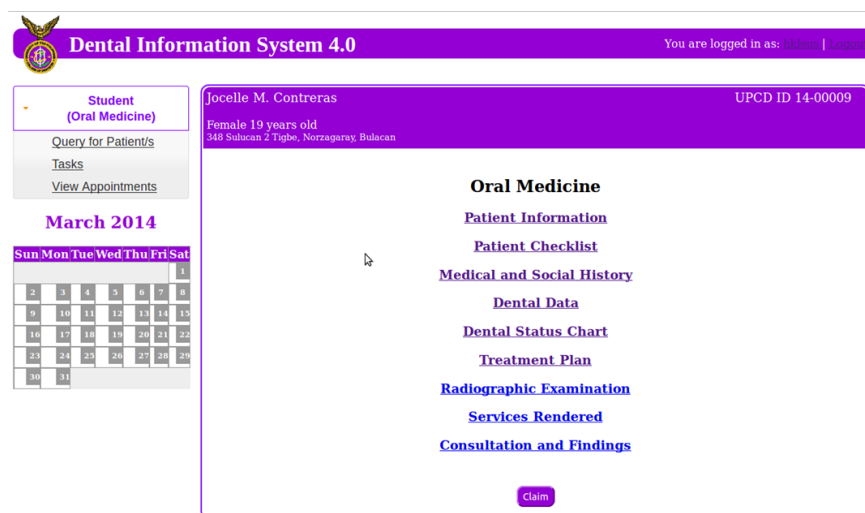


Figure 54: Claim Patient Case of Clinicians in the Section

The assigned clinician can set appointment with the patient or choose to skip it as shown in Figure 55.

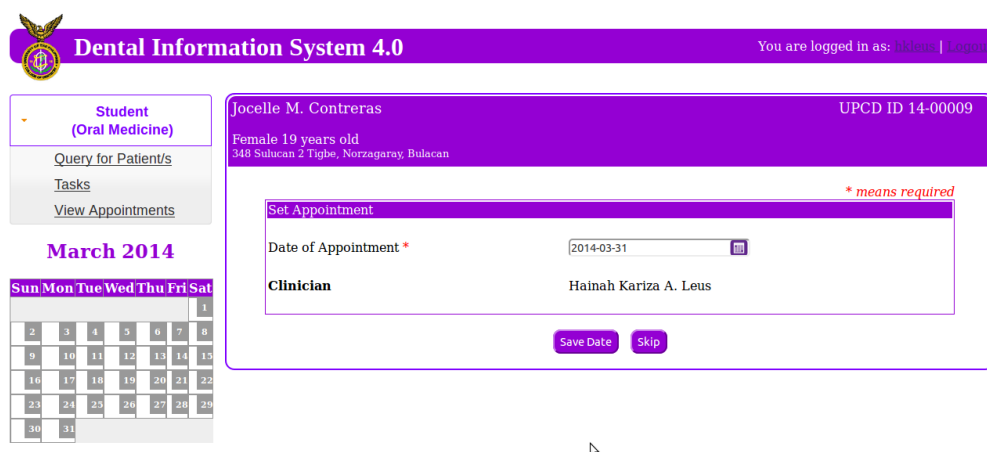


Figure 55: Set Appointment

After setting an appointment, the patient case is added to the list of appointments of the clinician with the corresponding date of appointment. The task can be accessed from the appointment list or the task list. The clinician can directly edit the patient forms shown in Figure 56. If the clinician chose to skip the appointment, no appointment is saved and the task can only be seen from the task list. The clinician can refer the patient to other sections, set another appointment with the patient or end the patient case. On submission, the forms will be forwarded to faculty for approval if the clinician is a student.

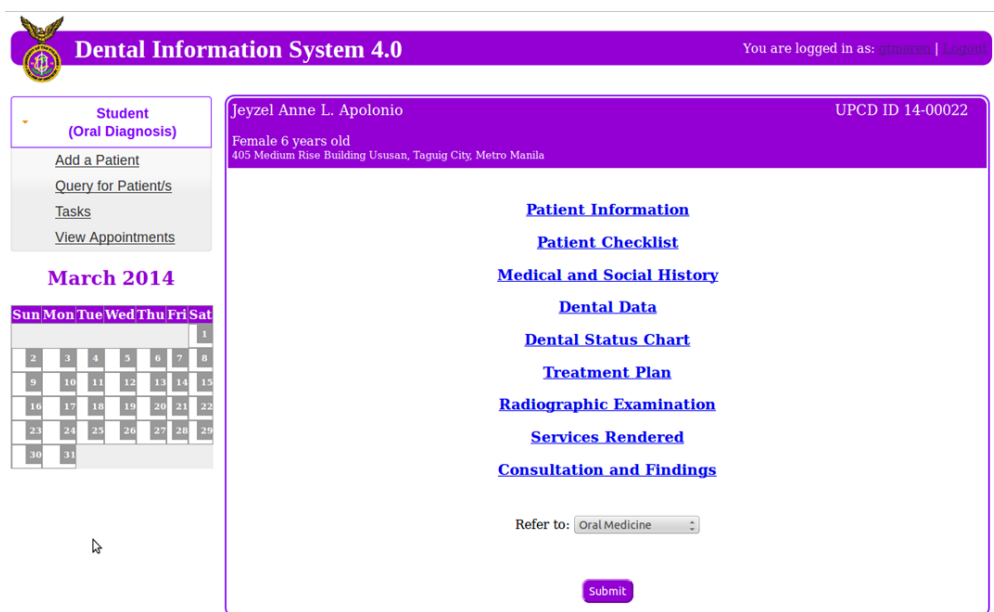


Figure 56: Section Form Dashboard

All clinicians can also view all versions of the patient record. The forms are not editable as shown in Figure 57.

After the patient submitted the revision/s to the patient’s record, the record is marked “For Approval” and will not be editable by the any other clinician, including the clinician who submitted the record unless it is approved or rejected by the faculty who will verify the revision. Figure 58 shows the approval state of patient dashboard.

Dental Information System 4.0 You are logged in as: [lanitos](#) | [Logout](#)

Student (Oral Medicine)

[Query for Patient/s](#)

[Tasks](#)

[View Appointments](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	2	3	4	5	6	7
	8	9	10	11	12	13
	14	15	16	17	18	19
	20	21	22	23	24	25
	26	27	28	29	30	31

Jeyzel Anne L. Apolonio UPCD ID 14-00022

Female 6 years old
405 Medium Rise Building Ususan, Taguig City, Metro Manila

[Dashboard](#) | [View Versions](#)

This patient's record is under other clinician's supervision.

Additional Demographics

Civil Status:

Phone:

Educational Attainment:

Occupation:

Person to notify in-case of emergency:

Phone:

History of Present Illness:

Physical Assessment

Gait:

Appearance:

Defects:

Vital Signs

Blood Pressure (mmHg):

Pulse Rate (bpm):

Respiration Rate (RR):

Temperature (celsius):

Weight (kg):

Figure 57: View Patient Record

Dental Information System 4.0 You are logged in as: [gimarcen](#) | [Logout](#)

Student (Oral Diagnosis)

[Add a Patient](#)

[Tasks](#)

[View Appointments](#)

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	2	3	4	5	6	7
	8	9	10	11	12	13
	14	15	16	17	18	19
	20	21	22	23	24	25
	26	27	28	29	30	31

Jeyzel Anne L. Apolonio UPCD ID 14-00022

Female 6 years old
405 Medium Rise Building Ususan, Taguig City, Metro Manila

This patient's record is currently subject for approval.

[Patient Information](#)

[Patient Checklist](#)

[Medical and Social History](#)

[Dental Data](#)

[Dental Status Chart](#)

[Treatment Plan](#)

[Radiographic Examination](#)

[Services Rendered](#)

[Consultation and Findings](#)

Refer to section: [Operative Dentistry](#)

Figure 58: Section Form Dashboard For Approval

Student clinicians can also view their list of upcoming appointments which is linked to corresponding task as shown in Figure 59. They can reschedule or remove consultation date while patients with no scheduled appointments are marked “Pending”. They are also capable of viewing their pending tasks in the section which is shown in Figure 60. Faculty clinicians, on the other hand, can view list of appointments of all clinicians shown in Figure 61.

The screenshot shows the 'Dental Information System 4.0' interface. At the top, it says 'You are logged in as: Rikless | Logout'. On the left, there is a sidebar for 'Student (Oral Medicine)' with options: 'Query for Patient/s', 'Tasks', and 'View Appointments'. The main content area is titled 'Appointments' and includes a 'Go Back' link. Below the title is a table with columns for Patient, Date, and actions (Reschedule, Remove). The table lists four appointments:

	Patient	Date	Reschedule	Remove
1	Jezra Y. Alcantara	2014-02-26	Reschedule	Remove
2	Lea Marie P. Linguico	Pending	Set Appointment	
3	Peter Paul M. Oitorio	2014-03-16	Reschedule	Remove
4	Janel B. Oitorio	2014-04-17	Reschedule	Remove

Below the table is a calendar for March 2014, showing days from Sunday to Saturday.

Figure 59: View Own Appointments

The screenshot shows the 'Dental Information System 4.0' interface. At the top, it says 'You are logged in as: Rikless | Logout'. On the left, there is a sidebar for 'Student (Oral Medicine)' with options: 'Query for Patient/s', 'Tasks', and 'View Appointments'. The main content area is titled 'Tasks Lists' and includes a 'Go Back' link. Below the title is a table with columns for Tasks and Patient Name. The table lists two tasks:

	Tasks	Patient Name
1	Assign to Oral Medicine Clinician	Jocelle M. Contreras
2	Assign to Oral Medicine Clinician	Sherwin Keith B. Saringan

Below the table is a calendar for March 2014, showing days from Sunday to Saturday.

Figure 60: Student Tasks



Faculty (Oral Medicine)

- [Query for Patient/s](#)
- [Tasks](#)
- [View Clinician Appointments](#)
- [View Section Clinicians](#)
- [View Statistics](#)

[Go Back](#)

Clinician Appointments			
	Patient	Clinician	Date of Appointment
1	Jeza Y. Alcantara	Hainah Kariza A. Leus	2014-02-26
2	Lea Marie P. Linoico	Hainah Kariza A. Leus	Pending
3	Peter Paul M. Quitarlo	Hainah Kariza A. Leus	2014-03-16
4	Janel B. Quitarlo	Hainah Kariza A. Leus	2014-04-17
5	Jocelle M. Contreras	Hainah Kariza A. Leus	2014-03-31

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Figure 61: View All Clinicians Appointments - Faculty Clinician

System administrator is responsible for the management of users and other system administrator functions such as view statistics and audit trail.

In the management of users, adding a new user requires the input of the name, username, password, secret question and secret answer. Figure 62 shows the add user form.

Dental Information System 4.0 You are logged in as: ndlopez | Logout

System Administrator

- Add a User
- View Users
- View Statistics
- View Audit Trail

March 2014

Add New User

Name: First Name Middle Name Last Name

Section: Select one..

Role: Select a section first..

Username:

Password:

Retype password:

Figure 62: Create New User

All users can be viewed using the View Users link found on the menu on the left. This displays the name, username, section and role of all the users in the system. Figure 63 shows this scenario.

Dental Information System 4.0 You are logged in as: ndlopez | Logout

System Administrator

- Add a User
- View Users
- View Statistics
- View Audit Trail

March 2014

Users

Search

User	Username	Role	Section	Options
Nicole Anne Lopez	ndlopez	System Administrator	System Maintenance	Edit Delete
Liezl Santos	lsantos	Student	Oral Medicine	Edit Delete
Vincent Peter Magboo	vpmagboo	Faculty	Oral Diagnosis	Edit Delete
Hainah Kariza Leus	hklaus	Student	Oral Medicine	Edit Delete
Geoffrey Solano	gasolano	Faculty	Oral Medicine	Edit Delete
Gil Troy Meren	gtmeren	Student	Oral Diagnosis	Edit Delete
Rheabedette Corpuz	rlcorpuz	Student	Operative Dentistry	Edit Delete
Ma. Sheila Magboo	msmagboo	Faculty	Operative Dentistry	Edit Delete
Nicole Lopez	ndlopez	System Administrator	System Maintenance	Edit Delete

Figure 63: View Users

On each user detail on the Users table comes two possible options, Edit and Delete.

The Edit User option allows the system administrator to modify the account details of the user of his/her choice. Figure 64 shows the Edit User option.

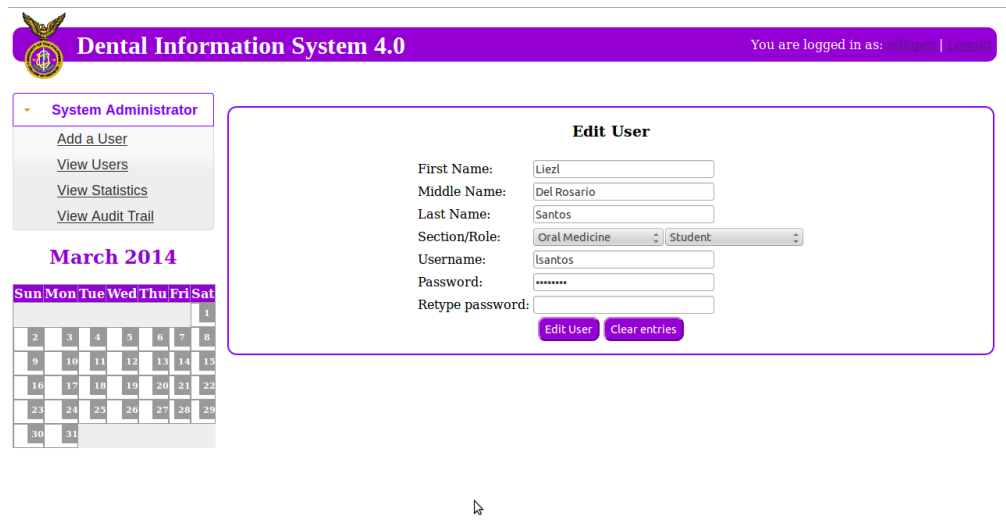


Figure 64: Edit User

The Delete User option removes a certain user from the list of system users. After the clicking the “Delete” link corresponding to the user that the system administrator wanted to delete, a confirmation box will appear to verify his/her choice. Figure 65 shows the Delete User option.

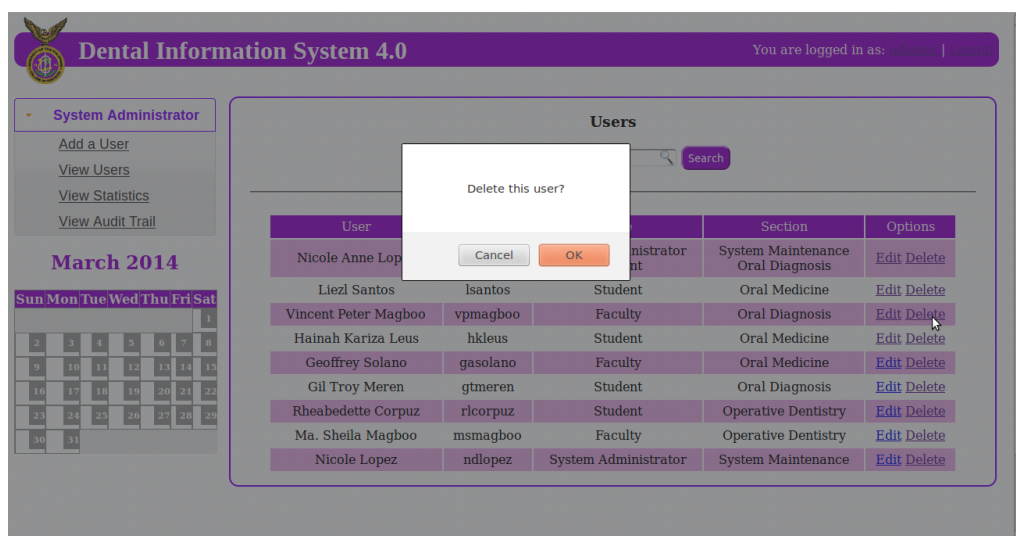


Figure 65: Delete User

The Search function allows the system administrator to search users by their names or their usernames. Figure 66 shows the Search User Function.

The screenshot displays the 'Dental Information System 4.0' interface. At the top, a purple header contains the system name and the user's login information: 'You are logged in as: ndlopez | Logout'. On the left, a sidebar menu for 'System Administrator' includes options like 'Add a User', 'View Users', 'View Statistics', and 'View Audit Trail'. Below the menu is a calendar for 'March 2014'. The main content area, titled 'Users', features a search input field containing 'Lopez' and a 'Search' button. Below the search bar, a message states 'There are 2 records that matched the keyword 'Lopez''. A table displays the search results:

User	Username	Role	Section	Options
Nicole Anne Lopez	nalopez	System Administrator Student	System Maintenance Oral Diagnosis	Edit Delete
Nicole Lopez	ndlopez	System Administrator	System Maintenance	Edit Delete

Figure 66: Search User

Figure 67 is the view statistics of the whole UPCD which generates a report in a specific period of time. The system administrator can search according to its demographic, dental condition, service needed and the service done to a patient. Figure 68 shows the result page of the statistics.



Statistics * means required

Demographics

Specify range of date * -

Age -

City

Other Conditions (Using Demographics) Or And

Sections Select All

Operative Dentistry <input type="checkbox"/> Periodontics <input checked="" type="checkbox"/> Oral Surgery <input type="checkbox"/> Endodontics	Oral Medicine <input type="checkbox"/> Removable Prosthodontics <input checked="" type="checkbox"/> Fixed Partial Prosthodontics <input type="checkbox"/> Complete Denture	Prosthodontics <input type="checkbox"/> Orthodontics <input checked="" type="checkbox"/> Pedodontics <input checked="" type="checkbox"/> Restorative Dentistry
---	--	--

Dental Condition Or And Select All

<input checked="" type="checkbox"/> Caries <input checked="" type="checkbox"/> Recurrent Caries <input checked="" type="checkbox"/> Restoration <input type="checkbox"/> Porcelain Fused To Metal <input type="checkbox"/> Rotation <input type="checkbox"/> Extracted	<input type="checkbox"/> Extrusion <input type="checkbox"/> Intrusion <input type="checkbox"/> Mesial Drifting Rotation <input type="checkbox"/> Distal Drifting Rotation <input type="checkbox"/> Root Canal Treatment <input type="checkbox"/> Unerupted	<input type="checkbox"/> Complete Denture <input type="checkbox"/> Single Denture <input type="checkbox"/> Removable Partial Denture <input type="checkbox"/> Pit and Fissure Sealants <input type="checkbox"/> Post Core Crown <input type="checkbox"/> Porcelain Crown	<input type="checkbox"/> Impacted <input type="checkbox"/> Missing <input type="checkbox"/> Acrylic Crown <input type="checkbox"/> Metal Crown
---	---	---	---

Services Needed Or And Select All

Periodontics
 Management of Periodontal Disease

<u>Operative Dentistry</u> <input checked="" type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III <input type="checkbox"/> Class IV <input type="checkbox"/> Class V <input type="checkbox"/> Onlay	<u>Surgery</u> <input type="checkbox"/> Extraction <input type="checkbox"/> Odontectomy <input type="checkbox"/> Special Class <input type="checkbox"/> Pedodontics <input type="checkbox"/> Orthodontics	<u>Emergency Treatment</u> <input checked="" type="checkbox"/> Pulp Sedation <input type="checkbox"/> Recementation of Crowns <input type="checkbox"/> Temporary Fillings <input type="checkbox"/> Management of Acute Infections <input type="checkbox"/> Management of Temporary Injuries
---	--	--

<u>Fixed Partial Denture</u> <input type="checkbox"/> Laminated <input type="checkbox"/> Single Crown <input type="checkbox"/> Bridge	<u>Prosthodontics</u> <input type="checkbox"/> Complete Denture <input type="checkbox"/> Single Denture <input type="checkbox"/> Removable Partial Denture	<u>Endodontics</u> <input type="checkbox"/> Anterior <input type="checkbox"/> Posterior
--	---	---

Figure 67: Statistics form in DentISt



System Administrator

- Add a User
- View Users
- View Statistics
- View Audit Trail

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Statistics

[Go Back](#)

Patients registered from 2014-03-01 to 2014-03-20		
Number of Females	4	67%
Number of Males	2	33%

Other Conditions (Using Demographics) (OR)

Conditions	# of Cases	Females	% Females	Males	% Males	% Females (over total females)	% Males (over total males)	% Cases (over total patients)
Periodontics	0	0	0%	0	0%	0%	0%	0%
Oral Surgery	0	0	0%	0	0%	0%	0%	0%
Endodontics	0	0	0%	0	0%	0%	0%	0%
Removable Prosthodontics	0	0	0%	0	0%	0%	0%	0%
Fixed Partial Prosthodontics	2	2	100%	0	0%	50%	0%	33%
Orthodontics	0	0	0%	0	0%	0%	0%	0%
Pedodontics	0	0	0%	0	0%	0%	0%	0%
Restorative Dentistry	2	2	100%	0	0%	50%	0%	33%
Total no. of cases	4							

Dental Status Chart (OR)

Conditions	# of Cases	Females	% Females	Males	% Males	% Females (over total females)	% Males (over total males)	% Cases (over total patients)
Caries	1	1	100%	0	0%	25%	0%	17%
Recurrent Caries	2	2	100%	0	0%	50%	0%	33%
Restoration	1	1	100%	0	0%	25%	0%	17%
Total no. of cases	4							

Services Needed (OR)

Conditions	# of Cases	Females	% Females	Males	% Males	% Females (over total females)	% Males (over total males)	% Cases (over total patients)
Class I	2	2	100%	0	0%	50%	0%	33%
Pulp Sedation	0	1	0%	0	0%	25%	0%	0%
Total no. of cases	2							

Figure 68: View Statistics result in DentISt

Meanwhile, the audit trail is a special functionality of the system. Figure 69 shows the audit trail of the system and can search the specific actions and forms within a specific period. For the example, audit trail searches for the audit log of viewing the Medical and Social History form and gives who, what resource and action, and when it was done in a period of time.

Dental Information System 4.0 You are logged in as: nlopez | Logout

System Administrator

- Add a User
- View Users
- View Statistics
- View Audit Trail

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Users

Search Input:

Name	Action	Form	Action Performed To	Action Date
Nicole Anne D. Lopez (nlopez)	SELECT	Medical and Social History	Nicole Anne D. Lopez	2014-03-16
Nicole Anne D. Lopez (nlopez)	SELECT	Medical and Social History	Shirley M. Quitariorio	2014-03-17
Nicole Anne D. Lopez (nlopez)	SELECT	Medical and Social History	Shirley M. Quitariorio	2014-03-17

Figure 69: Audit Trail searching for insertion of patients in a specific period of time in DentIST

Figure 70 is for the view statistics in a specific section where a faculty can generate the statistics in a given period of time in his/her own section.



Statistics * means required

Demographics

Specify range of date * -

Age -

City

Other Conditions (Using Demographics) ☑ Or | And

Sections Select All

Oral Medicine

Removable Prosthodontics
 Fixed Partial Prosthodontics
 Complete Denture

Dental Condition ☑ Or | And | Select All

<input checked="" type="checkbox"/> Caries	<input type="checkbox"/> Extrusion	<input type="checkbox"/> Complete Denture	<input type="checkbox"/> Impacted
<input checked="" type="checkbox"/> Recurrent Caries	<input type="checkbox"/> Intrusion	<input type="checkbox"/> Single Denture	<input type="checkbox"/> Missing
<input checked="" type="checkbox"/> Restoration	<input type="checkbox"/> Mesial Drifting Rotation	<input type="checkbox"/> Removable Partial Denture	<input type="checkbox"/> Acrylic Crown
<input type="checkbox"/> Porcelain Fused To Metal	<input type="checkbox"/> Distal Drifting Rotation	<input type="checkbox"/> Pit and Fissure Sealants	<input type="checkbox"/> Metal Crown
<input type="checkbox"/> Rotation	<input type="checkbox"/> Root Canal Treatment	<input type="checkbox"/> Post Core Crown	
<input type="checkbox"/> Extracted	<input type="checkbox"/> Unerupted	<input type="checkbox"/> Porcelain Crown	

Services Needed ☑ Or | And | Select All

Periodontics

Management of Periodontal Disease

Operative Dentistry	Surgery	Emergency Treatment
<input checked="" type="checkbox"/> Class I	<input type="checkbox"/> Extraction	<input type="checkbox"/> Pulp Sedation
<input type="checkbox"/> Class II	<input type="checkbox"/> Odontectomy	<input type="checkbox"/> Recementation of Crowns
<input type="checkbox"/> Class III	<input type="checkbox"/> Special Class	<input type="checkbox"/> Temporary Fillings
<input type="checkbox"/> Class IV	<input type="checkbox"/> Pedodontics	<input type="checkbox"/> Management of Acute Infections
<input type="checkbox"/> Class V	<input type="checkbox"/> Orthodontics	<input type="checkbox"/> Management of Temporary Injuries
<input type="checkbox"/> Onlay		

Fixed Partial Denture	Prosthodontics	Endodontics
<input type="checkbox"/> Laminated	<input type="checkbox"/> Complete Denture	<input type="checkbox"/> Anterior
<input type="checkbox"/> Single Crown	<input type="checkbox"/> Single Denture	<input type="checkbox"/> Posterior
<input type="checkbox"/> Bridge	<input type="checkbox"/> Removable Partial Denture	

Figure 70: View Statistics in a specific section (Oral Medicine) in DentISt

Lastly Figure 71 shows the search patient form page that can be both used by the faculty and student clinician. A clinician can query patients according to their demographic, dental condition, service needed and service done. Figure 72 is the end result of the query patients where patient ids are link to its own record for read-only check.

Dental Information System 4.0 You are logged in as: gasolano | Logout

Query Patient ** means required*

Demographics

Age: -

Gender*: M F Both

City:

Occupation:

Other Conditions (Using Demographics) Or And

Sections Select All

Operative Dentistry	Oral Medicine	Prosthodontics
<input type="checkbox"/> Periodontics	<input type="checkbox"/> Removable Prosthodontics	<input type="checkbox"/> Orthodontics
<input type="checkbox"/> Oral Surgery	<input type="checkbox"/> Fixed Partial Prosthodontics	<input type="checkbox"/> Pedodontics
<input type="checkbox"/> Endodontics	<input type="checkbox"/> Complete Denture	<input type="checkbox"/> Restorative Dentistry

Dental Condition Or And Select All

<input checked="" type="checkbox"/> Caries	<input type="checkbox"/> Extrusion	<input type="checkbox"/> Complete Denture	<input type="checkbox"/> Impacted
<input type="checkbox"/> Recurrent Caries	<input type="checkbox"/> Intrusion	<input type="checkbox"/> Single Denture	<input type="checkbox"/> Missing
<input checked="" type="checkbox"/> Restoration	<input type="checkbox"/> Mesial Drifting Rotation	<input type="checkbox"/> Removable Partial Denture	<input type="checkbox"/> Acrylic Crown
<input type="checkbox"/> Porcelain Fused To Metal	<input type="checkbox"/> Distal Drifting Rotation	<input type="checkbox"/> Pit and Fissure Sealants	<input type="checkbox"/> Metal Crown
<input type="checkbox"/> Rotation	<input type="checkbox"/> Root Canal Treatment	<input type="checkbox"/> Post Core Crown	
<input type="checkbox"/> Extracted	<input type="checkbox"/> Unerupted	<input type="checkbox"/> Porcelain Crown	

Services Needed Or And Select All

Periodontics

Management of Periodontal Disease

Operative Dentistry	Surgery	Emergency Treatment
<input checked="" type="checkbox"/> Class I	<input type="checkbox"/> Extraction	<input type="checkbox"/> Pulp Sedation
<input type="checkbox"/> Class II	<input type="checkbox"/> Odontectomy	<input type="checkbox"/> Recementation of Crowns
<input type="checkbox"/> Class III	<input type="checkbox"/> Special Class	<input type="checkbox"/> Temporary Fillings
<input type="checkbox"/> Class IV	<input type="checkbox"/> Pedodontics	<input type="checkbox"/> Management of Acute Infections
<input type="checkbox"/> Class V	<input type="checkbox"/> Orthodontics	<input type="checkbox"/> Management of Temporary Injuries
<input type="checkbox"/> Onlay		

Fixed Partial Denture	Prosthodontics	Endodontics
<input type="checkbox"/> Laminated	<input type="checkbox"/> Complete Denture	<input type="checkbox"/> Anterior
<input type="checkbox"/> Single Crown	<input type="checkbox"/> Single Denture	<input type="checkbox"/> Posterior
<input type="checkbox"/> Bridge	<input type="checkbox"/> Removable Partial Denture	

Figure 71: Query patient form in DentIST



Faculty (Oral Medicine)

- Query for Patient/s
- Tasks
- View Clinician Appointments
- View Section Clinicians
- View Statistics

March 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Query Patient

[Go Back](#)

Patient		
Age: 6-60 Gender: Both		
Id	Name	Age
14-00021	Shirley M. Qutorio	32
14-00008	Jezra Y. Alcantara	15
14-00011	Azell Louise Z. Codizar	20
14-00010	Sherwin Keith B. Saringan	16
14-00022	Jeyzel Anne L. Apolonio	6
14-00015	Lea Marie P. Linquico	16
14-00012	Shaira Lhynne D. Jose	14
14-00006	Aira Mae D. Jose	15
13-00001	Nicole Anne D. Lopez	19
14-00013	Bryan Justine D. Jose	15
14-00014	Peter Paul M. Qutorio	26

11 record/s found.

Other Conditions (Using Demographics)

Dental Chart Queries

	Id	Name	Tooth Number(s)
Caries	14-00021	Shirley M. Qutorio	21
	14-00011	Azell Louise Z. Codizar	21
	14-00010	Sherwin Keith B. Saringan	13
	14-00015	Lea Marie P. Linquico	12
	14-00012	Shaira Lhynne D. Jose	15 12
	14-00006	Aira Mae D. Jose	12
	13-00001	Nicole Anne D. Lopez	11 23
	14-00013	Bryan Justine D. Jose	22
	14-00014	Peter Paul M. Qutorio	13

Recurrent Caries	14-00021	Shirley M. Qutorio	21	
	14-00008	Jezra Y. Alcantara	21	
	14-00011	Azell Louise Z. Codizar	21	
	14-00010	Sherwin Keith B. Saringan	13	
	14-00022	Jeyzel Anne L. Apolonio	45	
	14-00015	Lea Marie P. Linquico	12	
	14-00012	Shaira Lhynne D. Jose	15	
	14-00006	Aira Mae D. Jose	12	
	13-00001	Nicole Anne D. Lopez	11 23	
	14-00013	Bryan Justine D. Jose	22	
	14-00014	Peter Paul M. Qutorio	13	
				10 record/s found.

Restoration	14-00021	Shirley M. Qutorio	21	
	14-00008	Jezra Y. Alcantara	21	
	14-00011	Azell Louise Z. Codizar	21	
	14-00010	Sherwin Keith B. Saringan	13	
	14-00015	Lea Marie P. Linquico	12	
	14-00012	Shaira Lhynne D. Jose	15	
	14-00006	Aira Mae D. Jose	12	
	13-00001	Nicole Anne D. Lopez	11 23	
	14-00013	Bryan Justine D. Jose	22	
	14-00014	Peter Paul M. Qutorio	13	
				10 record/s found.

Needed Services Queries

	Id	Name	Tooth Number(s)
Class I	14-00021	Shirley M. Qutorio	21
	14-00011	Azell Louise Z. Codizar	21
	14-00010	Sherwin Keith B. Saringan	13
	14-00022	Jeyzel Anne L. Apolonio	33 45
	14-00012	Shaira Lhynne D. Jose	15
	13-00001	Nicole Anne D. Lopez	11 23
			6 record/s found.

Figure 72: Query patient result in DentISt

Each user of the system is given the option to change his/her password if he/she fails login to his/her account. Figure 73 asks for the user's username.

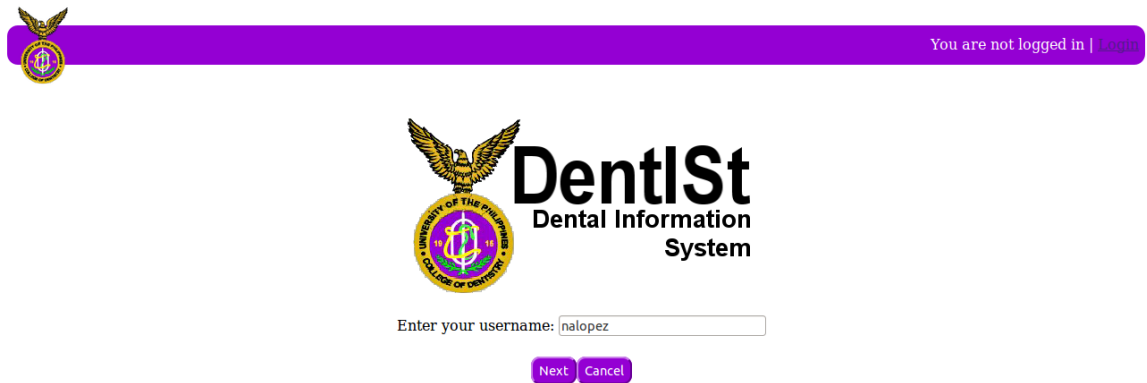


Figure 73: Forgot password functionality

If the correct username is given, he/she is redirected to the page shown in Figure 74 which asks for the answer to the secret question chosen by the system administrator who created the account.

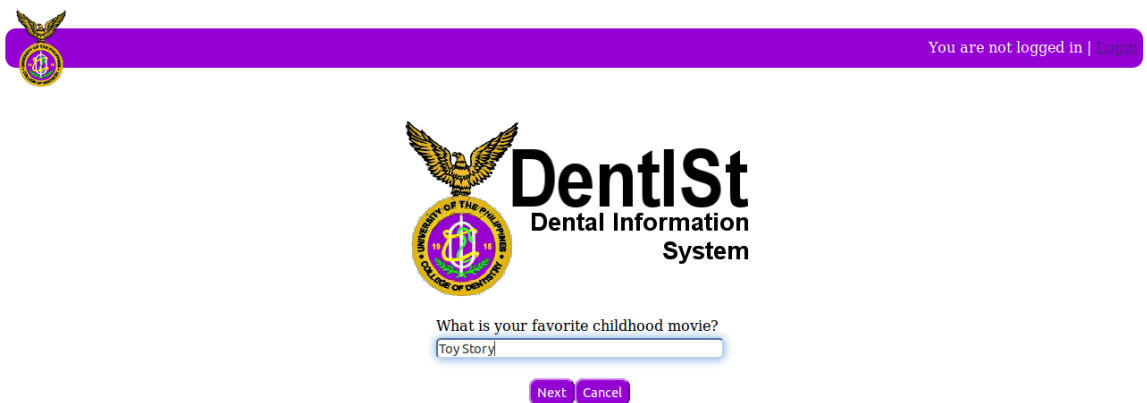
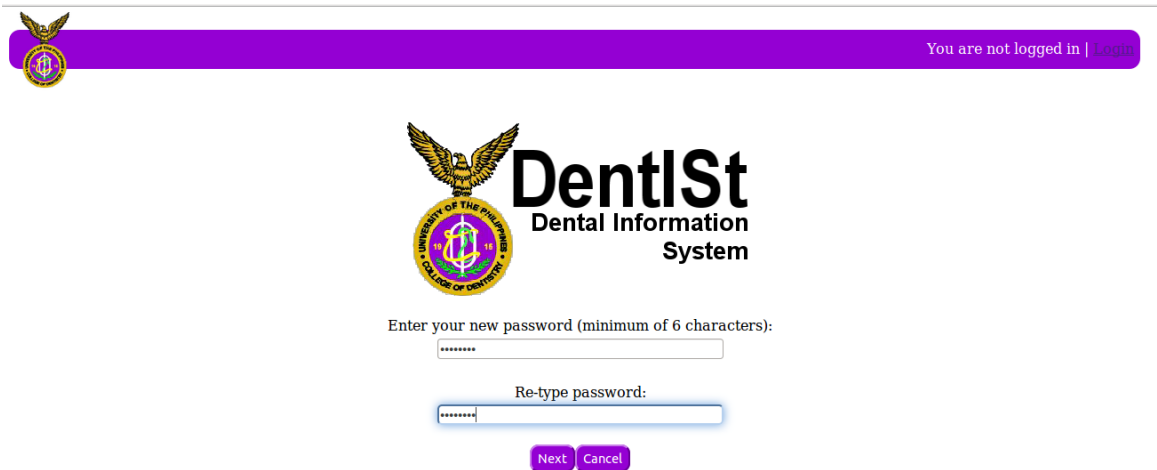


Figure 74: System asks for the user's secret answer

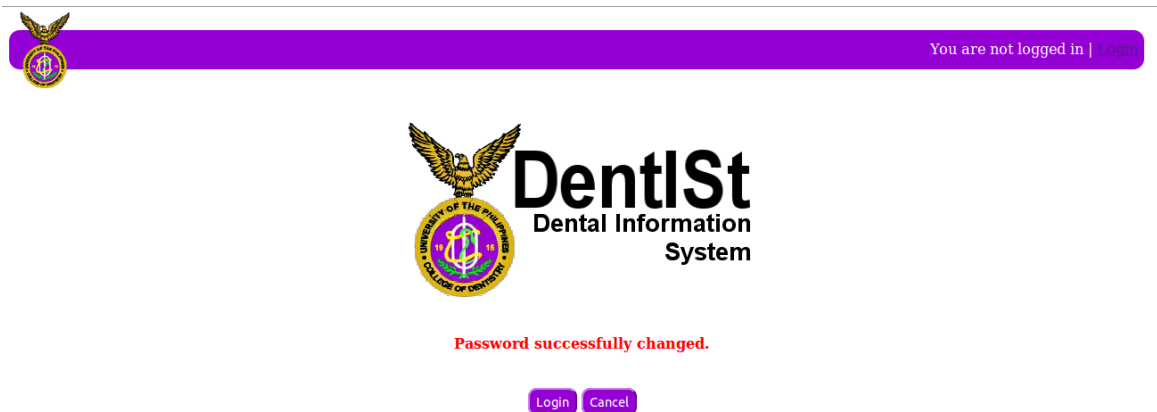
If the correct answer is provided, the system asks for the new password preference of the user shown in Figure 75.



The screenshot shows the top navigation bar with a purple background, a logo on the left, and the text "You are not logged in | [Login](#)" on the right. Below the navigation bar is the DentlSt logo, which includes an eagle and a circular emblem with the text "UNIVERSITY OF THE PHILIPPINES" and "COLLEGE OF DENTISTRY". To the right of the logo, the text "DentlSt Dental Information System" is displayed. Below the logo, the text "Enter your new password (minimum of 6 characters):" is followed by a text input field containing "*****". Below this is the text "Re-type password:" followed by another text input field containing "*****". At the bottom of the form are two buttons: "Next" and "Cancel".

Figure 75: New password for user

If the proper password format is given, user password will be successfully changed (shown in Figure 76).



The screenshot shows the top navigation bar with a purple background, a logo on the left, and the text "You are not logged in | [Login](#)" on the right. Below the navigation bar is the DentlSt logo, which includes an eagle and a circular emblem with the text "UNIVERSITY OF THE PHILIPPINES" and "COLLEGE OF DENTISTRY". To the right of the logo, the text "DentlSt Dental Information System" is displayed. Below the logo, the text "Password successfully changed." is displayed in red. At the bottom of the form are two buttons: "Login" and "Cancel".

Figure 76: Password successfully replaced

VII. Discussions

Dental Information System 4.0 or DentIS_t 4.0 is the dental information system of the University of the Philippines College of Dentistry which helps clinicians and faculty store and access patient dental records electronically. DentIS_t 4.0 features CryptDB which increases the information security of the system by encrypting all the data inserted and selected from the system's database. The system has 3 initial roles- system administrator, faculty and clinician. The system stores patient dental record consisting of basic information, physical assessment, vital signs, dental history, medical history, social history, soft tissue exam, treatment plan, dental chart, radiographic exam, services rendered, consultations and findings form. Clinicians can also view and perform tasks based on their sections. All clinicians can set appointment with their patients or refer patients to other UPCD sections. Additionally, student clinicians can update patient record and submit them for faculty approval. Faculty clinician can perform all student clinician functionalities and also approve the student clinicians updates.

CryptDB encrypts its table names, columns and fields through the use of hashing. This is shown in Figure 77 which displays the contents of the `patient` table using phpMyAdmin connected to MySQL server directly.

IPUQYVDUJEoEq	GFGMBWVIMQoOrder
737419dd0be316ea1ef4ec47cc7631781e62e824560bf5bb617b67df8e1a5e7b	2666881662546430040
2c47898830d027d91a25df2fa2cf7e3e56dcca815ac220488c07f0baa3e94fe3	3639489763157244356
611d0abf76ec5283b4ad17e1cbc751e3896ed000717e72b925498c020daa393a	15978174409738422366

Figure 77: A Portion of patient Table View using phpMyAdmin

The actual table names and contents are shown in Figure 78 which is a result from the developer's query to select all entries in the `patient` table .

Because of this, if there are two patients with the same entries on a particular column in a database, a curious database administrator cannot monitor what field

UPCD_ID	patientFName	patientMName	patientLName	housetno	street	gender	bdate	age	clinician	section	date	deceased	status
14-00001	Michelle	Velasco	Dela Cruz	568	Dela Cruz S	Female	1993-02-15	21	4	Operative Dentistry	2014-03-27	No	Open
14-00002	Azeil Louise	A	Codizar	234	Codizar St.	Female	1993-05-24	20	2	Oral Diagnosis	2014-03-29	No	for approval
14-00003	Hainah Kariza	Avenida	Leus	3423	Marcelo Gre	Female	1993-09-11	20	2	Oral Diagnosis	2014-03-30	No	Open

Figure 78: Patient Table View using MySQL Terminal

does the two patients had the same entry and the value of the entry itself. Suppose the database has a table `users` whose actual contents are shown in Figure 79.

```
mysql> use DentIST;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> select * from users;
+-----+-----+-----+-----+
| userID | userFName      | userMName  | userLName |
+-----+-----+-----+-----+
| 1      | Nicole Anne   | Dela Cruz  | Lopez     |
| 2      | Liezl         | Del Rosario| Santos    |
| 3      | Maristela     | Salvador  | Dela Cruz |
| 4      | Jezra         | Yerro     | Alcantara |
| 5      | Sherwin Keith | Ballestar | Saringan  |
| 6      | Richard Bryann| L          | Chua      |
| 7      | Vincent Peter | C          | Magboo    |
| 8      | Geoffrey      | A          | Solano    |
| 9      | Ma. Shella   | Abad      | Magboo    |
| 10     | Joser John    | Tinio     | Barron    |
+-----+-----+-----+-----+
10 rows in set (0.16 sec)

mysql>
```

Figure 79: users Table View using MySQL Terminal

So it can be observed that users 7 and 9 have the same `userLName` entry. In Figure 80, they both have the same encrypted values. It is also observed in Figure 81 which is an output of the MySQL Proxy's terminal.

However, since table names, columns and fields are encrypted, the developer

BoOrder	cdb_saltUHIOLRHACV	PVSFRATJPWoEq	IRNCLGNSJoOrder	cdb_saltZXIJNVAUVF
39359095	12111128104500058418	70077dadce89b0d0707eca354629805c6547a84b34feda8f94c39cd7ca89c423	7267486519703892628	10944753827445148262
35396099	10262843523447396890	4e0e79a4c8c76a3b49d28f9fe597eba005d46e60b270c9a0b3971129af2a61e5	16996891779216194444	15161670677227455464
34532396	18343576481637645350	9b86a108472ae7e360bbd1193253d8c873a632b8200c407cce705b76ff4f315b	14248754188936148230	12857491272373898112
33911164	7089067241039981472	58f890f7ef93007703d4b7a2dc4c49954f2e4970254bc7cb2463fa38fa5be250	17523967764440954580	10849189210893766363
34868242	15368778603311250370	fa931bfb4034efdf9bc9d2c17301245cec40570487a20ecf68a4e18766b2298	3380437638382887507	17106778954135480127
38766296	16503392749334214388	26a1c92d8cc28b6fc1a7a94d8665f1e3d0486998a08de086b6a52c97173d3cfb	668833971968588479	1769566905357597210
34696731	3519823662129225210	dc578725459c48684770c72bff93c9618af408a7f0934582911ac62b6ec961c0	4025053615206743239	14684368310177238502
31807922	1053367928617735465	046ac8e7ed32625c4570f45e2c1f916ce93b4673e1e99344305932e11e836b80	15948789913721357493	5508773277586550371
38973515	11163687530872963359	dc578725459c48684770c72bff93c9618af408a7f0934582911ac62b6ec961c0	13219265647392015466	10883887118532227877

Figure 80: users Table View using phpMyAdmin

```

----+
|10152355521224496996|&????u?/?N?????????Bs???_??f=?OZ|????x???q;g??n?????c?XZ?
?????U|p?}?????p~?5F)?eG?K4?????????#|
|13778497767000878745|???????0L?#zM?w??E??g?????????|?oi???$???M?b]?y?C??3???
f?n?o??|N?y????j;I?????????n`?p?????)?*a?|
|5357039696080772426|??????j??J????|yih?#[#!?S?U?e?6?|???1???0m??/N?????n%?Q?L
R?D>*A|????G*??`???2S??s?2? ?@|?p[v?01[|
|15863122185263496295|!]?aA???R????$?????Jy????i?T???|?X?????f??cH!??s????/???
M_?????|X?????w?????LI?O.Ip%K??$c?8?[?P|
|5277201452379276948|>9?:???q?M?G?C???fb?K?76?????F|?+Q?*M?????"???<Z?s?????
6??]H?4|????@4????,?0?E???pHz ???N?vk"?|
|15078734749663808135|?n?(?g?m+4????TaX??B????&?????_??|?????D????????? ??F??s
i?Hg?-?|&??-???o???M?e???Hi??????,??=<?|
|14687843368530953486|????<???$???Sq?Zw??k?????????p%|???e?:??#??E?%?=B????^??
/??+Y?? ?W?%E?HhGp+???a?????E????+n?a?
|8525812915426707320|?E?v??xI*??/?c?|?????bK??4?b?v? ?|?????l??l?F????e//?,?N?1?b
?> #?C?|?j????2b\Ep?^,??l?;Fs???D0Y2????k?|
|16701792539124800215|???:?6??G?????t?^H15?85?D4??U|SD8S??M?*??G??>?t??/?X~?
:????? ?W?%E?HhGp+???a?????E????+n?a?
|1158530532566207684|???<?4H_?%??h??????hi?|G????e?w|?S?????????@????#OF???????
?=?7???:?/????_sk8`?y???x?9?????^hX2??{N|
+-----+
----+

```

Figure 81: users Table View using MySQL Proxy Terminal

must keep a manual list of the structure of the database to keep track of its organization.

Since the application is still under improvement, new versions are still being committed to its Git branch. Compared to other applications whose updates only improve the functionalities and do not affect any saved data, updating the system requires restarting the database from start by recreating its tables and repopulating its entries.

At the first phase of development of the system, the CryptDB version used is the Volume 4, Issue I version which is released September 2013. This version features additional query support like `HAVING` and left or right joins, data recovery

after a proxy crash and explanation for not executed queries [48]. Last February 5, 2014, the Volume 5, Issue I and the latest version of CryptDB, was released with new features including more stable code, more useful error messages and onion tools that will allow visualization of the level of the onions in the database and setting a security threshold for some fields to prevent the onion level from going lower than that threshold [49]. To make the most out of the system and to use the new features, the database was rebuilt and the remaining functionalities are coded with the Version 5.

In both versions, certain MySQL functionalities are not yet performed by CryptDB. Data types such as `ENUM`, `DATE`, `TIME` and `DATETIME` are not supported by the application so they are replaced instead by the `VARCHAR` data type. One of the affected system operations due to these limitations is View Statistics. To generate a statistical report over a specific interval of dates, the system must execute the query

```
SELECT * FROM patient WHERE patient.dateofreg >= datefrom AND
        patient.dateofreg <= dateto,
```

where `patient.dateofreg` is the column attributed to the date when the patient is admitted and `datefrom` and `dateto` are the dates set by the user. This query is executable if column `patient.dateofreg` is of the type `DATE`. In order for a system administrator or a faculty clinician to generate statistical report, the query will exclude the date computation first. Instead of using the previous query stated, it will exclude the where clause, making the query equal to `SELECT * from patient`. MySQL Proxy will execute the query to fetch all the entries. After it is fetched, it will be sent to the system for it to filter the query results so that the it will only output those who belong in the date interval. As a result, MySQL Proxy will fetch query results whose respective dates are not in the duration set by the system administrator or the faculty. Selecting data, including those who are not in the interval, will have a significant effect in processing time if the database contains thousands of records. Another command is the `MODIFY` command which

is used to change a column's data type. Issuing the command will make MySQL Proxy terminate, so if a database administrator would like to execute this, he/she must drop the table instead and recreate it with the column's revised data type.

Also, there are some queries which work on the Version 4 but causes errors on the Version 5. Examples of these queries are LIKE and CONCAT which are significantly used in searches. In this case, for the search functions, LIKE will be implemented as an equality relation and case-sensitivity on search strings must be considered. An example is the search user function. In the usual MySQL setup, searching a user whose firstname has the string can be performed using the query

```
SELECT * FROM users WHERE users_firstname LIKE '%string%'.
```

Since the LIKE operator can no longer be used for string comparison, the only way left to compare is by using the equality relation. Instead of using the previous one, the system will use the query

```
SELECT * FROM users WHERE users_firstname = 'string' .
```

In this case, searching strings 'Nicole' and 'nicole' will have different results.

In both releases, MySQL Proxy terminates abnormally during operations. However, this problem happens most of the time in the Version 4 but rarely happens on Version 5. It returns the error message 'out of memory'. It has been observed that this error happens only when the proxy is performing SELECT operations involving large amount of data on the database.

Performing functionalities of the system which is connected to MySQL with CryptDB took longer time than performing the same task while connected to MySQL alone. This is because of the encryption and decryption processes performed by the proxy before and after interacting with the database. In the Version 4, it was observed that there is a really significant difference between the processing time of the system using CryptDB compared to the processing time of the system using MySQL alone. However, executing the same task on the Version 5 had no difference from executing it on sole MySQL database when it comes to query execution and page navigation.

Even though the Volume 5, Issue I version shows significant advantages than the Version 4, it still lacks important functionalities. Due to the onion layer feature, Version 5 became more austere when it comes to query processing. One remarkable problem in Version 5 is that it cannot perform JOIN on two columns if one column is auto-incremented and the other one is not. This will have an effect on entries with one to many correspondence on other tables. To improvise for this, all auto-incremented columns in the database were replaced by non-auto-incremented ones. Every time an INSERT operation will be executed, the system fetches the maximum identifying number in the respective table then inserts the new entry with its identifying number one more than the number fetched earlier.

As compared to the previous versions of DentISt, DentISt 4.0 is no longer built on Java framework, since MySQL proxy receives the queries from JDBC but refuses to execute them on the encrypted database. Because JDBC is already a fixed JavaSoft specification of a standard application programming interface (API) that allows Java programs to access database management systems [50], it cannot be manually modified to create query statements that MySQL Proxy can recognize and execute. According to Popa, JDBC coconnect are issuing some different metadata queries when they connect (e.g. SHOW COLLATION), and some of these CryptDB should just forward to the server, but it currently doesn't [51], causing the proxy to display that there are no pending queries for it left to execute despite the fact that it received one from the system. Other CryptDB users are able to perform the SELECT query by using a different version of JDBC or by modifying the actual CryptDB code. However, even these improvisations work, it still need to support other important queries like INSERT, UPDATE, and DELETE to make the system run efficiently under a Java framework.

Also, the fine-grained access control feature of DentISt 3.0 is no longer included in the system because stored functions are not included in those limited query functions that are supported by CryptDB. To ensure appropriate user privileges during data access, the previous role specifications using stored functions are now

manually included in queries and each of them are called on every controller of the system. This makes fine-grained access control on the database better than the management of role within the application.

VIII. Conclusions

Dental Information System 4.0 is a much improved version of DentISt in terms of UPCD information security in the system. This system stores user and patient records as encrypted text through the use of CryptDB. It uses public-key encryption hence, private patient records will be indecipherable and it will prevent malicious database administrators or adversaries that may compromise the system to have knowledge of the records. This feature leads to providing greater confidentiality and least privilege access to users, which are the standards of Health Insurance Portability and Accountability Act (HIPAA).

The system has 9 initial roles- system administrator, faculty in Oral Diagnosis, student in Oral Diagnosis, faculty in Oral Medicine, student in Oral Medicine, faculty in Prosthodontics, student in Prosthodontics, faculty in Operative Dentistry and student in Operative Dentistry. The system stores patient dental record consisting of basic information, physical assessment, vital signs, dental history, medical history, social history, soft tissue exam, treatment plan, dental chart, radiographic exam, services rendered, consultations and findings form. Clinicians can also view and perform tasks based on their roles. All clinicians can set appointment with their patients or refer patients to other UPCD sections. Additionally, student clinicians can update patient record and submit them for faculty approval. Faculty clinician can perform all student clinician functionalities and also approve the student clinicians updates. The system administrator is capable of viewing the statistics for the whole UP College of Dentistry while the faculty clinician can only perform the same task on the section where he/she belongs.

IX. Recommendations

DentISt 4.0 improved on the integration of CryptDB of into the dental information system. However, many limitations and problems came up as a result of this integration. CryptDB is still an ongoing project and still subject to improvements to fully perform all the capabilities of MySQL.

MySQL proxy consumes the machine's random access memory (RAM) greatly compared to other operations as seen in Figure 82.

```
top - 03:30:08 up 1:03, 4 users, load average: 3.50, 2.58, 1.87
Tasks: 162 total, 2 running, 160 sleeping, 0 stopped, 0 zombie
Cpu(s): 72.7%us, 22.5%sy, 0.0%ni, 0.0%id, 0.0%wa, 0.0%hi, 4.8%si, 0.0%st
Mem: 2061512k total, 1941812k used, 119700k free, 87812k buffers
Swap: 2095100k total, 18640k used, 2076460k free, 239156k cached
```

PID	USER	PR	NI	VRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
938	root	20	0	116m	73m	14m	R	37.5	3.6	6:17.50	Xorg
2539	root	20	0	1560m	1.1g	11m	S	30.7	56.0	5:43.91	mysql-proxy
2458	nicole	20	0	109m	21m	12m	S	15.5	1.1	1:46.11	gnome-terminal
2387	nicole	20	0	566m	112m	37m	S	4.8	5.6	6:18.12	firefox
981	mysql	20	0	328m	38m	7628	S	3.9	1.9	0:25.48	mysqld
1305	www-data	20	0	42688	11m	3408	S	2.6	0.6	0:01.20	apache2
186	root	20	0	0	0	0	S	1.6	0.0	0:10.02	jbd2/sda1-8
1844	nicole	20	0	142m	12m	9920	S	1.6	0.6	0:19.84	metacity
2680	root	20	0	0	0	0	S	1.0	0.0	0:02.94	kworker/0:2
2912	nicole	20	0	2852	1184	896	R	1.0	0.1	0:05.83	top
620	messageb	20	0	4140	1780	880	S	0.3	0.1	0:03.37	dbus-daemon
1036	root	20	0	9900	1344	992	S	0.3	0.1	0:03.57	VBoxService
2933	root	20	0	0	0	0	S	0.3	0.0	0:01.00	kworker/0:3
1	root	20	0	3672	1332	1312	S	0.0	0.1	0:01.42	init
2	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kthreadd
3	root	20	0	0	0	0	S	0.0	0.0	0:00.31	ksoftirqd/0
5	root	20	0	0	0	0	S	0.0	0.0	0:00.92	kworker/u:0

Figure 82: top operation output

If the machine's RAM size is about 2 gigabytes, MySQL proxy may compromise the machine much that it can slow down some of its operations. To improve the system's speed, the machine must have a RAM size of 4 gigabytes or better.

To be updated on the latest developments of CryptDB, future developers are prescribed to subscribe to the mailing list of CryptDB cryptdb-users@mit.csail.edu. Problems on installation and execution of the application can also be consulted in this mailing list.

To further improve data organization, a concept dictionary integrated into system will also be highly beneficial in preventing data input errors and organizing dental terms and records.

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XI. Appendix

A. Forms

1. UPCD Patient Form

ADMITTING SECTION PATIENT FORM

Patient Name: _____ Age: ____ Sex: ____

Address: _____

Occupation: _____ Educational Attainment: _____ Phone: _____

Birth date: _____ Civil Status: _____

Person to Notify in Case of Emergency: _____ Phone: _____

Service Code: _____ (Resto, FPD, PEDO, CD, RPD, ENDO, PERIO, OS, Ortho)

CHIEF COMPLAINT: _____

HISTORY OF PRESENT ILLNESS: _____

Handwritten note: 1/22/16

MEDICAL ALERT:

Figure 83: UPCD Admitting Section Patient Form with Patient Demographics, Chief Complaint, History of Present Illness

DENTAL HISTORY:

Date of last visit: _____

Procedures done on last visit: _____

Frequency of dental visit: _____

Exposure and response to local anesthesia: _____

Complications during and or after dental procedure: _____

Figure 84: UPCD Admitting Section Patient Form with Dental History

PHYSICAL ASSESSMENT

General: Gait: _____ Appearance: _____ Defects: _____

VITAL SIGNS: *To be filled up as dictated by the medical history and/or procedures to be done.*

BP: _____ PR: _____ RR: _____ Temp. (If febrile): _____ Weight (<12yo) _____

Figure 85: UPCD Admitting Section Patient Form with Physical Assessment and Vital Signs

MEDICAL HISTORY:

Under a physician's care? (Name & Phone) _____

Hospitalization (When and for what?) _____

Allergies _____

Illnesses _____

Medications _____

Childhood disease History (Below 18 yrs. old) _____

Figure 86: UPCD Admitting Section Patient Form with Medical History

SOCIAL HISTORY:

Are you using or have you used tobacco, cigarettes? Yes No

What kind? _____

How often? _____

How many years? _____

If stopped, how long since last used? _____

Do you drink alcoholic beverage? Yes No

What kind? _____

How often? _____

How many years? _____

If stopped, how long since last used? _____

Have you ever used drugs for recreation or non-therapeutic purposes? Yes No

What kind? _____

How often? _____

How many years? _____

If stopped, how long since last used? _____

Figure 87: UPCD Admitting Section Patient Form with Social History

SOFT TISSUE EXAMINATION: Indicate lesions on drawings, describe, and date:

HEAD, NECK & TMJ	LIPS/FRENUM
MUCOSA	PALATE
PHARYNX	FLOOR OF THE MOUTH
TONGUE	LYMPH NODES
SALIVARY GLAND	THYROID
GINGIVA	

Figure 88: UPCD Soft Tissue Examination

RADIOGRAPHIC EXAM:

DATE	TOOTH NO.	FINDINGS	PRINTED NAME OF CLINICIAN	CLINICIAN'S SIGNATURE

Figure 89: UPCD Radiographic Examination

PROPOSED TREATMENT PLAN:

Figure 90: UPCD Proposed Treatment Plan

DATE	REASON FOR CONSULT	FROM	TO	FINDINGS/RECOMMENDATION	PRINTED NAME OF CLINICIAN	CLINICIAN NATURE	FACULTY

Figure 91: UPCD Consultations/Referral

Patient's Name : _____

SERVICES RENDERED

DATE	SERVICES RENDERED	CLINICIAN	CLINICIAN'S SIGNATURE	FACULTY	FEE'S

Figure 92: UPCD Services Rendered

PROBLEM LIST WORKSHEET

Patient's Name _____ Attending Clinician (Print Name & Signature) _____

TO THE CLINICIAN
Please tick services that are needed/required by the patient

<p>Periodontics</p> <p><input type="checkbox"/> Management of Periodontal Disease</p> <p>Operative Dentistry</p> <p style="text-align: center;">Tooth</p> <p><input type="checkbox"/> Class I _____</p> <p>_____</p> <p><input type="checkbox"/> Class II _____</p> <p>_____</p> <p><input type="checkbox"/> Class III _____</p> <p>_____</p> <p><input type="checkbox"/> Class IV _____</p> <p>_____</p> <p><input type="checkbox"/> Class V _____</p> <p>_____</p> <p><input type="checkbox"/> Onlay _____</p> <p>Surgery</p> <p><input type="checkbox"/> Extraction _____</p> <p><input type="checkbox"/> Odontectomy _____</p> <p><input type="checkbox"/> Special case _____</p>	<p>Emergency Treatment</p> <p><input type="checkbox"/> Pulp Sedation</p> <p><input type="checkbox"/> Recementation of crowns</p> <p><input type="checkbox"/> Temporary fillings</p> <p><input type="checkbox"/> Management of acute infections</p> <p><input type="checkbox"/> Management of Traumatic injuries</p> <p>Fixed Partial Dentures</p> <p style="text-align: center;">Tooth</p> <p><input type="checkbox"/> Laminated _____</p> <p><input type="checkbox"/> Single Crown _____</p> <p><input type="checkbox"/> Bridge _____</p> <p>Endodontics</p> <p style="text-align: center;">Tooth</p> <p><input type="checkbox"/> Anterior _____</p> <p>_____</p> <p><input type="checkbox"/> Posterior _____</p> <p>_____</p> <p><input type="checkbox"/> Others (Endosurgery, Bleaching, etc.) _____</p> <p>Prosthodontics</p> <p><input type="checkbox"/> Complete Denture</p> <p><input type="checkbox"/> Single Denture</p> <p><input type="checkbox"/> Removable Partial Denture</p> <p><input type="checkbox"/> Other Denture Services</p>
--	---

Figure 93: UPCD Problem Worksheet

B. Source Code

1. config

Listing 1: database.php

```
1 <?php if ( ! defined('BASEPATH')) exit('No direct
  script access allowed');
2
3
4 $active_group = 'default';
5 $active_record = TRUE;
6
7 $db['default']['hostname'] = '127.0.0.1:3307';
8 $db['default']['username'] = 'root';
9 $db['default']['password'] = 'letmein';
10 $db['default']['database'] = 'DentISt';
11 $db['default']['dbdriver'] = 'mysql';
12 $db['default']['dbprefix'] = '';
13 $db['default']['pconnect'] = TRUE;
14 $db['default']['db_debug'] = TRUE;
15 $db['default']['cache_on'] = FALSE;
16 $db['default']['cachedir'] = '';
17 $db['default']['char_set'] = 'utf8';
18 $db['default']['dbcollat'] = 'utf8_general_ci';
19 $db['default']['swap_pre'] = '';
20 $db['default']['autoinit'] = TRUE;
21 $db['default']['stricton'] = FALSE;
22
23
24
25 /* End of file database.php */
26 /* Location: ./application/config/database.php */
```

2. models

Listing 2: patient.php

```
1 <?php
2 Class Patient extends CI_Model
3 {
4
5     function addPatient($id, $fname, $lname, $name,
6         $house, $street, $brgy, $city, $province, $sex,
7         $bdate, $age, $deceased, $section, $clinician,
8         $status, $date){
9
10        $data = array(
11            'UPCD_ID' => $id,
12            'patientFName' => $fname,
13            'patientMName' => $lname,
14            'patientLName' => $name,
15            'houseNo' => $house,
16            'street' => $street,
17            'brgy' => $brgy,
18            'city' => $city,
19            'province' => $province,
20            'gender' => $sex,
21            'bdate' => $bdate,
22            'age' => $age,
23            'deceased' => $deceased,
24            'section' => $section,
25            'clinician' => $clinician,
26            'status' => $status,
27            'date' => $date);
28        $this->db->insert('patient', $data);
29
30        $maxauditID = 0;
31
32        $this->db->select_max('audittrailID');
33        $query1 = $this->db->get('audittrail');
34        $res1 = $query1->row_array();
35
36        if($query1 -> num_rows() >= 1) $maxauditID = $res1[
37            'audittrailID'];
38
39        $audit = array(
40            'audittrailID' => $maxauditID+1,
41            'committedBy' => $clinician,
42            'action' => 'INSERT',
43            'form' => 'Patient',
44            'committedTo' => $id,
45            'committedOn' => $date);
46        $this->db->insert('audittrail', $audit);
47    }
48
49    function getPatient($id){
50        $this -> db -> select('*');
51        $this -> db -> from('patient');
52        $this -> db -> where('UPCD_ID', $id);
53
54        $query = $this -> db -> get();
55
56        $rowCount = $this->db->count_all('patient');
57
58        if($query -> num_rows() == 1 || $rowCount == 0)
59        {
60            return $query->result_array();
61        }
62        else
63        {
64            return false;
65        }
66    }
67
68    function addPatientInfo_tab1($id, $civstat, $phone,
69        $sedattain, $occupation, $ptnicoe, $ptnicoenum,
70        $shopi, $gait, $appear, $dfcts, $bp, $pr, $rr, $temp,
71        $wt){
72
73        $maxpatientinfoID = 0;
74
75        $this->db->select_max('patientinfoID');
76        $query1 = $this->db->get('patientinfo');
77        $res1 = $query1->row_array();
78
79        if($query1 -> num_rows() >= 1) $maxpatientinfoID =
80            $res1['patientinfoID'];
81
82        $data = array(
83            'patientinfoID' => $maxpatientinfoID+1,
84            'UPCD_ID' => $id,
85            'civstat' => $civstat,
86            'phonenum' => $phone,
87            'edattain' => $sedattain,
88            'occupation' => $occupation,
89            'personotify' => $ptnicoe,
90            'personotifynum' => $ptnicoenum,
91            'histo' => $shopi);
92        $this->db->insert('patientinfo', $data);
93
94        $data2 = array(
95            'phyassessID' => $maxpatientinfoID+1,
96            'UPCD_ID' => $id,
97            'gait' => $gait,
98            'appear' => $appear,
99            'dfcts' => $dfcts);
100        $this->db->insert('phyassess', $data2);
101
102        $data3 = array(
103            'vitalsignsID' => $maxpatientinfoID+1,
104            'UPCD_ID' => $id,
105            'bp' => $bp,
106            'pr' => $pr,
107            'rr' => $rr,
108            'temp' => $temp,
109            'weight' => $wt);
110        $this->db->insert('vitalsigns', $data3);
111    }
112
113    function addPatientInfo_tab2($id, $hbp, $spij, $sha, $strem,
114        $sapcp, $sbt, $sa, $sdptgb, $sfhf, $spal, $spahv, $sdia,
115        $smp, $sgoi, $saf, $sbot, $sc, $swlog, $sbrp, $ft, $sbs,
116        $sfh, $sin, $sfur, $sfha, $sche, $sdiz, $spuu, $fsic,
117        $sbiu, $svi, $shep, $shi, $shiv, $sart, $spad, $sner, $sdep,
118        $sanx, $sast, $soth, $schecklist, $sdiaf, $sddf, $shdf,
119        $scanf, $famoth, $sfamily, $sdruga, $sfooda, $sruba,
120        $saloth, $sallergy, $spregfe, $sbffe, $shrtfe, $smensfe,
121        $sconfe){
122
123        $maxchecklistID = 0;
124
125        $this->db->select_max('checklistID');
126        $query1 = $this->db->get('patientchecklist');
127        $res1 = $query1->row_array();
128
129        if($query1 -> num_rows() >= 1) $maxchecklistID =
130            $res1['checklistID'];
131
132        $data = array(
133            'checklistID' => $maxchecklistID+1,
134            'UPCD_ID' => $id,
135            'highbloodpressure' => $hbp,
136            'joint_pain' => $spij,
137            'heart_attack' => $sha,
138            'tremors' => $strem,
```

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124 'chest_pain' => $apcp,
125 'blood_transfusion' => $bt,
126 'swollen_ankles' => $sa,
127 'denied_blood' => $dptgb,
128 'high_fever' => $fhf,
129 'pallor' => $pal,
130 'pacemaker' => $pahv,
131 'diabetes' => $dia,
132 'emphysema' => $emp,
133 'goiter' => $goi,
134 'afternoon_fever' => $af,
135 'bruising_tendency' => $bobt,
136 'chronic_cough' => $cc,
137 'weight_change' => $swlog,
138 'breathing_problem' => $brp,
139 'frequent_thirst' => $ft,
140 'bloody_sputum' => $bs,
141 'frequent_hunger' => $fh,
142 'sinusitis' => $sin,
143 'frequent_urination' => $fur,
144 'frequent_headaches' => $fha,
145 'chemotherapy' => $che,
146 'dizziness' => $diz,
147 'pain_urination' => $puu,
148 'loss_consciousness' => $fslc,
149 'urine_blood' => $biu,
150 'visual_impairment' => $vi,
151 'hepatitis' => $shep,
152 'hearing_impairment' => $shi,
153 'HIV_positive' => $shiv,
154 'arthritis' => $art,
155 'pelvic_discomfort' => $spad,
156 'nervousness' => $sner,
157 'depression' => $sdep,
158 'anxiety' => $sanx,
159 'asthma' => $ast,
160 'patientothers' => $soth,
161 'patientothers_text' => $schecklist;
162 $this->db->insert('patientchecklist', $data);
163
164 $data2 = array(
165 'checklistID' => $maxchecklistID+1,
166 'UPCD_ID' => $id,
167 'familydiabetes' => $diaf,
168 'bleeding_disorder' => $bdf,
169 'heart_diseases' => $hdf,
170 'cancer' => $canf,
171 'familyothers' => $famoth,
172 'familyothers_text' => $family);
173 $this->db->insert('familychecklist', $data2);
174
175 $data3 = array(
176 'checklistID' => $maxchecklistID+1,
177 'UPCD_ID' => $id,
178 'drugs' => $druga,
179 'food' => $fooda,
180 'rubber' => $ruba,
181 'allergyothers' => $saloth,
182 'allergyothers_text' => $allergy);
183 $this->db->insert('allergychecklist', $data3);
184
185 $data4 = array(
186 'checklistID' => $maxchecklistID+1,
187 'UPCD_ID' => $id,
188 'pregnant' => $pregfe,
189 'breastfeeding' => $bffe,
190 'hormonotherapy' => $hrtfe,
191 'menstruation' => $mensfe,
192 'contraceptive' => $confe);
193 $this->db->insert('femalechecklist', $data4);
194 }
195
196 function addPatientInfo_tab3($id, $phname, $phyphone,
    $hospreason, $allergies, $illnesses,
    $medications, $ci, $cig, $cigkind, $cigfreq,
    $cigdur, $cigdole, $alco, $alcokind, $alcofreq,
    $alcodur, $alcodole, $drug, $drugkind, $drugfreq,
    $drugdur, $drugdole){
197
198     $maxmedhistoID = 0;
199
200     $this->db->select_max('medhistoID');
201     $query1 = $this->db->get('medicalhistory');
202     $res1 = $query1->row_array();
203
204     if($query1 -> num_rows() >= 1) $maxmedhistoID =
        $res1['medhistoID'];
205
206     $data = array(
207 'medhistoID' => $maxmedhistoID+1,
208 'UPCD_ID' => $id,
209 'physician_name' => $phname,
210 'physician_phone' => $phyphone,
211 'dateoflasthospitalization' => $hospreason,
212 'hospitalizationreason' => $hospreason,
213 'allergies' => $allergies,
214 'illnesses' => $illnesses,
215 'medications' => $medications,
216 'childhood_illnesses' => $ci);
217
218     $this->db->insert('medicalhistory', $data);
219
220     $data2 = array(
221 'socialhistoID' => $maxmedhistoID+1,
222 'UPCD_ID' => $id,
223 'cigarette' => $cig,
224 'cigarette_type' => $cigkind,
225 'cigarette_frequency' => $cigfreq,
226 'cigarette_duration' => $cigdur,
227 'cigarette_dateoflastexposure' => $cigdole,
228 'alcohol' => $alco,
229 'alcohol_type' => $alcokind,
230 'alcohol_frequency' => $alcofreq,
231 'alcohol_duration' => $alcodur,
232 'alcohol_dateoflastexposure' => $alcodole,
233 'drug' => $drug,
234 'drug_type' => $drugkind,
235 'drug_frequency' => $drugfreq,
236 'drug_duration' => $drugdur,
237 'drug_dateoflastexposure' => $drugdole);
238     $this->db->insert('socialhistory', $data2);
239 }
240
241 function addPatientInfo_tab4($id, $dol, $pdol, $fodv,
    $eortle, $scaoadp, $hntd, $lfnd, $mucd, $spltd,
    $prxd, $ftmd, $tngd, $lymd, $sald, $thyd, $ggvd){
242
243     $maxdenthistoID = 0;
244
245     $this->db->select_max('denthistoID');
246     $query1 = $this->db->get('dentalhistory');
247     $res1 = $query1->row_array();
248
249     if($query1 -> num_rows() >= 1) $maxdenthistoID =
        $res1['denthistoID'];
250
251     $data = array(
252 'denthistoID' => $maxdenthistoID+1,
253 'UPCD_ID' => $id,
254 'dateoflastvisit' => $dol,
255 'proceduresonlastvisit' => $pdol,
256 'frequencyofvisit' => $fodv,
257 'anesthesia_exposure' => $eortle,
258 'dental_complications' => $scaoadp);
259     $this->db->insert('dentalhistory', $data);
260
261     $data2 = array(
262 'softtissueexamID' => $maxdenthistoID+1,
263 'UPCD_ID' => $id,
264 'headneckTMJ' => $hntd,
265 'lipsfrenum' => $lfnd,
266 'mucosa' => $mucd,
267 'palate' => $spltd,
268 'pharynx' => $prxd,
269 'floorofthemouth' => $ftmd,
270 'tongue' => $tngd,
271 'lymphnodes' => $lymd,
272 'salivarygland' => $sald,
273 'thyroid' => $thyd,
274 'gingiva' => $ggvd);
275     $this->db->insert('softtissueexamination', $data2);
276 }
277
278 function addPatientInfo_tab5($id, $discar, $buccar,
    $lincar, $mescar, $occcar, $discaries, $buccaries,
    $lincaries, $mesaries, $occcaries, $disrec,
    $bucrec, $linrec, $mesrec, $occrec, $disrecur,
    $bucrecur, $linrecur, $mesrecur, $occrecur, $disres,
    $bucres, $linres, $mesres, $occrs, $disresto,
    $bucresto, $linresto, $mesresto, $occrest, $name,
    $rpds, $extrusions, $intrusions, $mesdrifts,
    $disdrifts, $rotations, $postcores, $rootcanals,
    $spitandfissures, $extracteds, $missings,
    $unerupteds, $impacted, $porcelains, $acrylics,
    $metals, $porcelainfuseds, $fixedbridges, $c1s,
    $c2s, $c3s, $c4s, $c5s, $ols, $exs, $ods, $scs,
    $pss, $crs, $fss, $lams, $scrs, $bss, $ants, $poss,
    $oths, $periodontics, $pedodontics, $orthodontics,
    $acuteinfections, $traumaticinjuries,
    $completedent, $singledent, $removedent,
    $othersdent, $notes, $compdent, $updent, $lowdent)
    {
279
280     $maxdentalchartID = 0;
281
282     $this->db->select_max('dentalchartID');
283     $query1 = $this->db->get('dentalchart');
284     $res1 = $query1->row_array();
285
286     if($query1 -> num_rows() >= 1) $maxdentalchartID =
        $res1['dentalchartID'];
287
288     $data = array(
289 'cariesstatusID' => $maxdentalchartID+1,
290 'UPCD_ID' => $id,
291 'distal_caries' => $discar,
292 'buccal_caries' => $buccar,
293 'lingual_caries' => $lincar,

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294     'mesial_caries' => $mescar,
295     'occlusal_caries' => $occcar,
296     'distal_restorable_caries' => $discaries,
297     'buccal_restorable_caries' => $buccaries,
298     'lingual_restorable_caries' => $linccaries,
299     'mesial_restorable_caries' => $mesccaries,
300     'occlusal_restorable_caries' => $occcaries);
301 $this->db->insert('cariesstatus', $data);
302
303 $data2 = array(
304     'recurrentstatusID' => $maxdentalchartID+1,
305     'UPCD_ID' => $id,
306     'distal_recurrent' => $disrec,
307     'buccal_recurrent' => $bucrec,
308     'lingual_recurrent' => $linrec,
309     'mesial_recurrent' => $mesrec,
310     'occlusal_recurrent' => $occcrec,
311     'distal_restorable_recurrent' => $disrecur,
312     'buccal_restorable_recurrent' => $bucrecur,
313     'lingual_restorable_recurrent' => $linrecur,
314     'mesial_restorable_recurrent' => $mesrecur,
315     'occlusal_restorable_recurrent' => $occcrecur);
316 $this->db->insert('recurrentstatus', $data2);
317
318 $data3 = array(
319     'restorationstatusID' => $maxdentalchartID+1,
320     'UPCD_ID' => $id,
321     'distal_restoration' => $disres,
322     'buccal_restoration' => $bucres,
323     'lingual_restoration' => $linres,
324     'mesial_restoration' => $mesres,
325     'occlusal_restoration' => $occcres,
326     'distal_restorable_restoration' => $disresto,
327     'buccal_restorable_restoration' => $bucresto,
328     'lingual_restorable_restoration' => $linresto,
329     'mesial_restorable_restoration' => $mesresto,
330     'occlusal_restorable_restoration' => $occcresto);
331 $this->db->insert('restorationstatus', $data3);
332
333 $data4 = array(
334     'dentalchartID' => $maxdentalchartID+1,
335     'UPCD_ID' => $id,
336     'removable_partial_denture' => $rpd,
337     'extrusion' => $extrusions,
338     'intrusion' => $intrusions,
339     'mesial_rotation' => $mesdrifts,
340     'distal_rotation' => $disdrifts,
341     'rotation' => $rotations,
342     'postcore_crown' => $postcores,
343     'rootcanal_treatment' => $rootcanals,
344     'pitfissure_sealants' => $pitandfissures,
345     'extracted' => $extracteds,
346     'missing' => $missings,
347     'unerupted' => $unerupteds,
348     'impacted' => $impactededs,
349     'porcelain_crown' => $porcelains,
350     'acrylic_crown' => $acrylics,
351     'metal_crown' => $metals,
352     'porcelain_fused' => $porcelainfuseds,
353     'fixed_bridge' => $fixedbridges);
354 $this->db->insert('dentalchart', $data4);
355
356 $data5 = array(
357     'serviceneededID' => $maxdentalchartID+1,
358     'UPCD_ID' => $id,
359     'class1' => $c1s,
360     'class2' => $c2s,
361     'class3' => $c3s,
362     'class4' => $c4s,
363     'class5' => $c5s,
364     'only' => $ols,
365     'extraction' => $exs,
366     'odontectomy' => $ods,
367     'special_case' => $scs,
368     'pulp_sedation' => $pss,
369     'crown_recementation' => $scrs,
370     'filling_service' => $fss,
371     'laminated' => $lams,
372     'single_crown' => $scrs,
373     'bridge_service' => $bss,
374     'anterior' => $ants,
375     'posterior' => $poss,
376     'orthoendo' => $oths);
377 $this->db->insert('serviceneeded', $data5);
378
379 $data6 = array(
380     'otherservicesID' => $maxdentalchartID+1,
381     'UPCD_ID' => $id,
382     'periodontics' => $periodontics,
383     'pedodontics' => $pedodontics,
384     'orthodontics' => $orthodontics,
385     'acuteinfections' => $acuteinfections,
386     'traumaticinjuries' => $traumaticinjuries,
387     'completedenture' => $completedent,
388     'singledenture' => $singledent,
389     'removablepartialdenture' => $removedent,
390     'otherdenture' => $othersdent,
391     'dentalnotes' => $notes);
392 $this->db->insert('otherservices', $data6);
393
394 $data7 = array(
395     'denturesID' => $maxdentalchartID+1,
396     'UPCD_ID' => $id,
397     'complete_denture' => $compdent,
398     'upper_denture' => $updent,
399     'lower_denture' => $lowdent);
400 $this->db->insert('dentures', $data7);
401
402 }
403
404 function addPatientInfo_tab6($id, $chiefcomp, $perio,
405     $rpd, $resto, $os, $fpd, $pedo, $endo, $cd, $ortho,
406     $sptp){
407
408     $maxtreatmentplanID = 0;
409
410     $this->db->select_max('treatmentplanID');
411     $query1 = $this->db->get('treatmentplan');
412     $res1 = $query1->row_array();
413
414     if($query1->num_rows() >= 1) $maxtreatmentplanID
415         = $res1['treatmentplanID'];
416
417     $data = array(
418         'treatmentplanID' => $maxtreatmentplanID+1,
419         'UPCD_ID' => $id,
420         'chiefcomplaints' => $chiefcomp,
421         'perio' => $perio,
422         'rpd' => $rpd,
423         'resto' => $resto,
424         'os' => $os,
425         'fpd' => $fpd,
426         'pedo' => $pedo,
427         'endo' => $endo,
428         'cd' => $cd,
429         'ortho' => $ortho,
430         'proposedtreatment' => $sptp);
431     $this->db->insert('treatmentplan', $data);
432 }
433
434 function addPatientInfo_tab7($id, $datetxt, $toothtxt,
435     $findingstxt){
436
437     $maxradioexamID = 0;
438
439     $this->db->select_max('radioexamID');
440     $query1 = $this->db->get('radiographicexam');
441     $res1 = $query1->row_array();
442
443     if($query1->num_rows() >= 1) $maxradioexamID =
444         $res1['radioexamID'];
445
446     $data = array(
447         'radioexamID' => $maxradioexamID+1,
448         'UPCD_ID' => $id,
449         'date' => $datetxt,
450         'toothno' => $toothtxt,
451         'findings' => $findingstxt);
452     $this->db->insert('radiographicexam', $data);
453 }
454
455 function addPatientInfo_tab8($id, $servicedatetxt,
456     $renderedtxt, $feestxt){
457
458     $maxservicesrenderedID = 0;
459
460     $this->db->select_max('servicesrenderedID');
461     $query1 = $this->db->get('servicesrendered');
462     $res1 = $query1->row_array();
463
464     if($query1->num_rows() >= 1)
465         $maxservicesrenderedID = $res1[
466             'servicesrenderedID'];
467
468     $data = array(
469         'servicesrenderedID' => $maxservicesrenderedID+1,
470         'UPCD_ID' => $id,
471         'date' => $servicedatetxt,
472         'services' => $renderedtxt,
473         'fees' => $feestxt);
474     $this->db->insert('servicesrendered', $data);
475 }
476
477 function addPatientInfo_tab9($id, $datenewtxt, $reasontxt,
478     $startdatetxt, $enddatetxt, $findingstxt){
479
480     $maxconfindID = 0;
481
482     $this->db->select_max('confindID');
483     $query1 = $this->db->get('consultationandfindings');
484     $res1 = $query1->row_array();
485
486     if($query1->num_rows() >= 1) $maxconfindID =
487         $res1['confindID'];
488
489     $data = array(
490         'confindID' => $maxconfindID+1,
491         'UPCD_ID' => $id,

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482     'date' => $datenewtxt,
483     'reason' => $reasontxt,
484     'startdate' => $startdatetxt,
485     'enddate' => $enddatetxt,
486     'findings' => $findingstxt;
487     $this->db->insert('consultationandfindings', $data);
488 }
489
490 function addPatientInformationVersion($id, $name, $date,
    $status, $approver){
491
492     $maxpatientinfoverID = 0;
493
494     $this->db->select_max('patientinfoID');
495     $query1 = $this->db->get('patientinfo');
496     $res1 = $query1->row_array();
497
498     if($query1 -> num_rows() >= 1) $maxpatientinfoverID
        = $res1['patientinfoID'];
499
500     $data = array(
501         'patientinfoversionID' => $maxpatientinfoverID,
502         'UPCD_ID' => $id,
503         'updatedBy' => $name,
504         'updateDate' => $date,
505         'updateStatus' => $status,
506         'approvedBy' => $approver);
507     $this->db->insert('patientinfoversion', $data);
508 }
509
510 function addPatientChecklistVersion($id, $name, $date,
    $status, $approver){
511
512     $maxchecklistverID = 0;
513
514     $this->db->select_max('checklistID');
515     $query1 = $this->db->get('patientchecklist');
516     $res1 = $query1->row_array();
517
518     if($query1 -> num_rows() >= 1) $maxchecklistverID =
        $res1['checklistID'];
519
520     $data = array(
521         'patientchecklistversionID' => $maxchecklistverID,
522         'UPCD_ID' => $id,
523         'updatedBy' => $name,
524         'updateDate' => $date,
525         'updateStatus' => $status,
526         'approvedBy' => $approver);
527     $this->db->insert('patientchecklistversion', $data);
528 }
529
530 function addMedAndSocHistoVersion($id, $name, $date,
    $status, $approver){
531
532     $maxmedandsochistoverID = 0;
533
534     $this->db->select_max('medhistoID');
535     $query1 = $this->db->get('medicalhistory');
536     $res1 = $query1->row_array();
537
538     if($query1 -> num_rows() >= 1)
        $maxmedandsochistoverID = $res1['medhistoID'];
539
540     $data = array(
541         'medandsochistoverID' =>
            $maxmedandsochistoverID,
542         'UPCD_ID' => $id,
543         'updatedBy' => $name,
544         'updateDate' => $date,
545         'updateStatus' => $status,
546         'approvedBy' => $approver);
547     $this->db->insert('medandsochistoverID', $data);
548 }
549
550 function addDentalDataVersion($id, $name, $date, $status
    , $approver){
551
552     $maxdentaldataverID = 0;
553
554     $this->db->select_max('denthistoID');
555     $query1 = $this->db->get('dentalhistory');
556     $res1 = $query1->row_array();
557
558     if($query1 -> num_rows() >= 1) $maxdentaldataverID
        = $res1['denthistoID'];
559
560     $data = array(
561         'dentaldataversionID' => $maxdentaldataverID,
562         'UPCD_ID' => $id,
563         'updatedBy' => $name,
564         'updateDate' => $date,
565         'updateStatus' => $status,
566         'approvedBy' => $approver);
567     $this->db->insert('dentaldataversion', $data);
568 }
569
570 function addDentalChartVersion($id, $name, $date,
    $status, $approver){
571
572     $maxdentalchartverID = 0;
573
574     $this->db->select_max('dentalchartID');
575     $query1 = $this->db->get('dentalchart');
576     $res1 = $query1->row_array();
577
578     if($query1 -> num_rows() >= 1) $maxdentalchartverID
        = $res1['dentalchartID'];
579
580     $data = array(
581         'dentalchartversionID' => $maxdentalchartverID,
582         'UPCD_ID' => $id,
583         'updatedBy' => $name,
584         'updateDate' => $date,
585         'updateStatus' => $status,
586         'approvedBy' => $approver);
587     $this->db->insert('dentalchartversion', $data);
588 }
589
590 function addTreatmentPlanVersion($id, $name, $date,
    $status, $approver){
591
592     $maxtreatmentplanverID = 0;
593
594     $this->db->select_max('treatmentplanID');
595     $query1 = $this->db->get('treatmentplan');
596     $res1 = $query1->row_array();
597
598     if($query1 -> num_rows() >= 1)
        $maxtreatmentplanverID = $res1['treatmentplanID'];
599
600     $data = array(
601         'treatmentplanversionID' => $maxtreatmentplanverID,
602         'UPCD_ID' => $id,
603         'updatedBy' => $name,
604         'updateDate' => $date,
605         'updateStatus' => $status,
606         'approvedBy' => $approver);
607     $this->db->insert('treatmentplanversion', $data);
608 }
609
610 function addRadiographicExamVersion($id, $name, $date,
    $status, $approver){
611
612     $maxradioexamverID = 0;
613
614     $this->db->select_max('radioexamID');
615     $query1 = $this->db->get('radiographicexam');
616     $res1 = $query1->row_array();
617
618     if($query1 -> num_rows() >= 1) $maxradioexamverID
        = $res1['radioexamID'];
619
620     $data = array(
621         'radioexamversionID' => $maxradioexamverID,
622         'UPCD_ID' => $id,
623         'updatedBy' => $name,
624         'updateDate' => $date,
625         'updateStatus' => $status,
626         'approvedBy' => $approver);
627     $this->db->insert('radioexamversion', $data);
628 }
629
630 function addServicesRenderedVersion($id, $name, $date,
    $status, $approver){
631
632     $maxservicesrenderedverID = 0;
633
634     $this->db->select_max('servicesrenderedID');
635     $query1 = $this->db->get('servicesrendered');
636     $res1 = $query1->row_array();
637
638     if($query1 -> num_rows() >= 1)
        $maxservicesrenderedverID = $res1[
            'servicesrenderedID'];
639
640     $data = array(
641         'servicesrenderedversionID' =>
            $maxservicesrenderedverID,
642         'UPCD_ID' => $id,
643         'updatedBy' => $name,
644         'updateDate' => $date,
645         'updateStatus' => $status,
646         'approvedBy' => $approver);
647     $this->db->insert('servicesrenderedversion', $data);
648 }
649
650 function addConFindVersion($id, $name, $date, $status,
    $approver){
651
652     $maxconfindverID = 0;
653
654     $this->db->select_max('confindID');
655     $query1 = $this->db->get('consultationandfindings');
656     $res1 = $query1->row_array();
657
658     if($query1 -> num_rows() >= 1) $maxconfindverID =
        $res1['confindID'];
659
660     $data = array(

```

```

658     'confindversionID' => $maxconfindverID,
659     'UPCD_ID' => $id,
660     'updatedBy' => $name,
661     'updateDate' => $date,
662     'updateStatus' => $status,
663     'approvedBy' => $approver);
664 $this->db->insert('confindversion', $data);
665 }
666
667 function addPatientDashboardVersion($id, $section,
        $studentID, $date, $status, $facultyID,
        $curr_section){
668
669     $maxpatientdbverID = 0;
670
671     $this->db->select_max('patientdashboardversionID');
672     $query1 = $this->db->get('patientdashboardversion');
673     $res1 = $query1->row_array();
674
675     if($query1 -> num_rows() >= 1) $maxpatientdbverID
        = $res1['patientdashboardversionID'];
676
677     $data = array(
678         'patientdashboardversionID' => $maxpatientdbverID
        +1,
679         'UPCD_ID7' => $id,
680         'section7' => $section,
681         'updatedBy7' => $studentID,
682         'updateDate7' => $date,
683         'updateStatus7' => $status,
684         'approvedBy7' => $facultyID,
685         'currentSection7' => $curr_section);
686     $this->db->insert('patientdashboardversion', $data);
687 }
688
689 function hasPatientInfo($id){
690     $this -> db -> select('*');
691     $this -> db -> from('patientinfo');
692     $this -> db -> where('UPCD_ID', $id);
693
694     $query = $this -> db -> get();
695
696     if($query -> num_rows() >= 1)
697     {
698         return true;
699     }
700     else
701     {
702         return false;
703     }
704 }
705
706 function hasPatientChecklist($id){
707     $this -> db -> select('*');
708     $this -> db -> from('patientchecklist');
709     $this -> db -> where('UPCD_ID', $id);
710
711     $query = $this -> db -> get();
712
713     if($query -> num_rows() >= 1)
714     {
715         return true;
716     }
717     else
718     {
719         return false;
720     }
721 }
722
723 function hasMedAndSocHisto($id){
724     $this -> db -> select('*');
725     $this -> db -> from('medicalhistory');
726     $this -> db -> where('UPCD_ID', $id);
727
728     $query = $this -> db -> get();
729
730     if($query -> num_rows() >= 1)
731     {
732         return true;
733     }
734     else
735     {
736         return false;
737     }
738 }
739
740 function hasDentalData($id){
741     $this -> db -> select('*');
742     $this -> db -> from('dentalhistory');
743     $this -> db -> where('UPCD_ID', $id);
744
745     $query = $this -> db -> get();
746
747     if($query -> num_rows() >= 1)
748     {
749         return true;
750     }
751     else
752     {
753         return false;
754     }
755 }
756
757 function hasDentalChart($id){
758     $this -> db -> select('*');
759     $this -> db -> from('cariesstatus','recurrentstatus',
        'restorationstatus', 'dentalchart', '
        serviceneeded', 'dentures', 'otherservices');
760
761     $this->db->join('recurrentstatus', 'cariesstatus.
        UPCD_ID = recurrentstatus.UPCD_ID');
762     $this->db->join('restorationstatus', 'cariesstatus.
        UPCD_ID = restorationstatus.UPCD_ID');
763     $this->db->join('dentalchart', 'cariesstatus.UPCD_ID
        = dentalchart.UPCD_ID');
764     $this->db->join('serviceneeded', 'cariesstatus.
        UPCD_ID = serviceneeded.UPCD_ID');
765     $this->db->join('dentures', 'cariesstatus.UPCD_ID =
        dentures.UPCD_ID');
766     $this->db->join('otherservices', 'cariesstatus.
        UPCD_ID = otherservices.UPCD_ID');
767     $this -> db -> where('cariesstatus.UPCD_ID', $id);
768
769     $query = $this -> db -> get();
770
771     if($query -> num_rows() >= 1)
772     {
773         return true;
774     }
775     else
776     {
777         return false;
778     }
779 }
780
781 function hasTreatmentPlan($id){
782     $this -> db -> select('*');
783     $this -> db -> from('treatmentplan');
784     $this -> db -> where('UPCD_ID', $id);
785
786     $query = $this -> db -> get();
787
788     if($query -> num_rows() >= 1)
789     {
790         return true;
791     }
792     else
793     {
794         return false;
795     }
796 }
797
798 function hasRadioExam($id){
799     $this -> db -> select('*');
800     $this -> db -> from('radiographicexam');
801     $this -> db -> where('UPCD_ID', $id);
802
803     $query = $this -> db -> get();
804
805     if($query -> num_rows() >= 1)
806     {
807         return true;
808     }
809     else
810     {
811         return false;
812     }
813 }
814
815 function hasServicesRendered($id){
816     $this -> db -> select('*');
817     $this -> db -> from('servicesrendered');
818     $this -> db -> where('UPCD_ID', $id);
819
820     $query = $this -> db -> get();
821
822     if($query -> num_rows() >= 1)
823     {
824         return true;
825     }
826     else
827     {
828         return false;
829     }
830 }
831
832 function hasConFind($id){
833     $this -> db -> select('*');
834     $this -> db -> from('consultationandfindings');
835     $this -> db -> where('UPCD_ID', $id);
836
837     $query = $this -> db -> get();
838
839     if($query -> num_rows() >= 1)
840     {
841         return true;
842     }
843     else

```

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844     {
845     } return false;
846     }
847 }
848
849 function getPatientInfoPatientInfo($id){
850 $this->db->select('*');
851 $this->db->from('patientinfo','phyassess','
852     vitalsigns');
853 $this->db->join('phyassess','patientinfo.UPCD_ID =
854     phyassess.UPCD_ID');
855 $this->db->join('vitalsigns','patientinfo.UPCD_ID =
856     vitalsigns.UPCD_ID');
857 $this->db->where('patientinfo.UPCD_ID', $id);
858 $query = $this->db->get();
859 if($query->num_rows() == 1)
860 {
861     return $query->result_array();
862 }
863 else
864 {
865     return false;
866 }
867 }
868 function getPatientInfoPatientChecklist($id){
869 $this->db->select('*');
870 $this->db->from('patientchecklist','
871     familychecklist','allergychecklist','
872     femalechecklist');
873 $this->db->join('familychecklist','patientchecklist.
874     UPCD_ID = familychecklist.UPCD_ID');
875 $this->db->join('allergychecklist','patientchecklist.
876     UPCD_ID = allergychecklist.UPCD_ID');
877 $this->db->join('femalechecklist','patientchecklist.
878     UPCD_ID = femalechecklist.UPCD_ID');
879 $this->db->where('patientchecklist.UPCD_ID', $id)
880 ;
881 $query = $this->db->get();
882 if($query->num_rows() == 1)
883 {
884     return $query->result_array();
885 }
886 else
887 {
888     return false;
889 }
890 }
891 function getPatientInfoMedAndSocHisto($id){
892 $this->db->select('*');
893 $this->db->from('medicalhistory','socialhistory')
894 ;
895 $this->db->join('socialhistory','medicalhistory.
896     UPCD_ID = socialhistory.UPCD_ID');
897 $this->db->where('medicalhistory.UPCD_ID', $id);
898 $query = $this->db->get();
899 if($query->num_rows() == 1)
900 {
901     return $query->result_array();
902 }
903 else
904 {
905     return false;
906 }
907 }
908 function getPatientInfoDentalData($id){
909 $this->db->select('*');
910 $this->db->from('dentalhistory','
911     softtissueexamination');
912 $this->db->join('softtissueexamination','dentalhistory
913     .UPCD_ID = softtissueexamination.UPCD_ID');
914 $this->db->where('dentalhistory.UPCD_ID', $id);
915 $query = $this->db->get();
916 if($query->num_rows() == 1)
917 {
918     return $query->result_array();
919 }
920 else
921 {
922     return false;
923 }
924 }
925 function getPatientInfoDentalChart($id){
926 $this->db->select('*');
927 $this->db->from('cariesstatus','recurrentstatus',
928     'restorationstatus','dentalchart','
929     serviceneeded','dentures','otherservices');
930 $this->db->join('recurrentstatus','cariesstatus.
931     UPCD_ID = recurrentstatus.UPCD_ID');
932 $this->db->join('restorationstatus','cariesstatus.
933     UPCD_ID = restorationstatus.UPCD_ID');
934 $this->db->join('dentalchart','cariesstatus.UPCD_ID
935     = dentalchart.UPCD_ID');
936 $this->db->join('serviceneeded','cariesstatus.
937     UPCD_ID = serviceneeded.UPCD_ID');
938 $this->db->join('dentures','cariesstatus.UPCD_ID =
939     dentures.UPCD_ID');
940 $this->db->join('otherservices','cariesstatus.
941     UPCD_ID = otherservices.UPCD_ID');
942 $this->db->where('cariesstatus.UPCD_ID', $id);
943 $query = $this->db->get();
944 if($query->num_rows() == 1)
945 {
946     return $query->result_array();
947 }
948 else
949 {
950     return false;
951 }
952 }
953 function getPatientInfoTreatmentPlan($id){
954 $this->db->select('*');
955 $this->db->from('treatmentplan');
956 $this->db->where('treatmentplan.UPCD_ID', $id);
957 $query = $this->db->get();
958 if($query->num_rows() == 1)
959 {
960     return $query->result_array();
961 }
962 else
963 {
964     return false;
965 }
966 }
967 function getPatientInfoRadioExam($id){
968 $this->db->select('*');
969 $this->db->from('radiographicexam');
970 $this->db->where('radiographicexam.UPCD_ID',
971     $id);
972 $query = $this->db->get();
973 if($query->num_rows() == 1)
974 {
975     return $query->result_array();
976 }
977 else
978 {
979     return false;
980 }
981 }
982 function getPatientInfoServicesRendered($id){
983 $this->db->select('*');
984 $this->db->from('servicesrendered');
985 $this->db->where('servicesrendered.UPCD_ID', $id)
986 );
987 $query = $this->db->get();
988 if($query->num_rows() == 1)
989 {
990     return $query->result_array();
991 }
992 else
993 {
994     return false;
995 }
996 }
997 function getPatientInfoConFind($id){
998 $this->db->select('*');
999 $this->db->from('consultationandfindings');
1000 $this->db->where('consultationandfindings.
1001     UPCD_ID', $id);
1002 $query = $this->db->get();
1003 if($query->num_rows() == 1)
1004 {
1005     return $query->result_array();
1006 }
1007 else
1008 {
1009     return false;
1010 }
1011 }
1012 function getPatientInfoPatientInformationRO($id,
1013     $version){

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1017 $this -> db -> select('*');
1018 $this -> db -> from('patientinfo', 'phyassess', '
vitalsigns');
1019 $this->db->join('phyassess', 'patientinfo.UPCD_ID =
phyassess.UPCD_ID');
1020 $this->db->join('vitalsigns', 'patientinfo.UPCD_ID =
vitalsigns.UPCD_ID');
1021 $this -> db -> where('patientinfo.UPCD_ID', $id);
1022 $this -> db -> where('patientinfo.patientinfoID',
$version);
1023 $this -> db -> where('phyassess.phyassessID', $version
);
1024 $this -> db -> where('vitalsigns.vitalsignsID', $version
);
1025
1026 $query = $this -> db -> get();
1027
1028 if($query -> num_rows() == 1)
1029 {
1030     return $query->result_array();
1031 }
1032 else
1033 {
1034     return false;
1035 }
1036 }
1037
1038 function getPatientInfoPatientChecklistRO($id, $version){
1039 $this -> db -> select('*');
1040 $this -> db -> from('patientchecklist', '
familychecklist', 'allergychecklist', '
femalechecklist');
1041 $this->db->join('familychecklist', 'patientchecklist.
UPCD_ID = familychecklist.UPCD_ID');
1042 $this->db->join('allergychecklist', 'patientchecklist.
UPCD_ID = allergychecklist.UPCD_ID');
1043 $this->db->join('femalechecklist', 'patientchecklist.
UPCD_ID = femalechecklist.UPCD_ID');
1044 $this -> db -> where('patientchecklist.UPCD_ID', $id)
;
1045 $this -> db -> where('patientchecklist.checklistID',
$version);
1046 $this -> db -> where('familychecklist.checklistID',
$version);
1047 $this -> db -> where('allergychecklist.checklistID',
$version);
1048 $this -> db -> where('femalechecklist.checklistID',
$version);
1049
1050 $query = $this -> db -> get();
1051
1052 if($query -> num_rows() == 1)
1053 {
1054     return $query->result_array();
1055 }
1056 else
1057 {
1058     return false;
1059 }
1060 }
1061
1062 function getPatientInfoMedAndSocHistoRO($id, $version)
{
1063 $this -> db -> select('*');
1064 $this -> db -> from('medicalhistory', 'socialhistory')
;
1065 $this->db->join('socialhistory', 'medicalhistory.
UPCD_ID = socialhistory.UPCD_ID');
1066 $this -> db -> where('medicalhistory.UPCD_ID', $id);
1067 $this -> db -> where('medicalhistory.medhistoID',
$version);
1068 $this -> db -> where('socialhistory.socialhistoID',
$version);
1069
1070 $query = $this -> db -> get();
1071
1072 if($query -> num_rows() == 1)
1073 {
1074     return $query->result_array();
1075 }
1076 else
1077 {
1078     return false;
1079 }
1080 }
1081
1082
1083
1084 function getPatientInfoDentalDataRO($id, $version){
1085 $this -> db -> select('*');
1086 $this -> db -> from('dentalhistory', '
softtissueexamination');
1087 $this->db->join('softtissueexamination', 'dentalhistory
.UPCD_ID = softtissueexamination.UPCD_ID');
1088 $this -> db -> where('dentalhistory.UPCD_ID', $id);
1089 $this -> db -> where('dentalhistory.denthistoID',
$version);
1090 $this -> db -> where('softtissueexamination.
softtissueexamID', $version);
1091
1092
1093
1094
1095
1096
1097
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1164
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1166
1167
1168
1169
1170
1171
}
$query = $this -> db -> get();
if($query -> num_rows() == 1)
{
return $query->result_array();
}
else
{
return false;
}
}
function getPatientInfoDentalChartRO($id, $version){
$this -> db -> select('*');
$this -> db -> from('cariesstatus', 'recurrentstatus',
'restorationstatus', 'dentalchart', '
serviceneeded', 'dentures', 'otherservices');
$this->db->join('recurrentstatus', 'cariesstatus.
UPCD_ID = recurrentstatus.UPCD_ID');
$this->db->join('restorationstatus', 'cariesstatus.
UPCD_ID = restorationstatus.UPCD_ID');
$this->db->join('dentalchart', 'cariesstatus.UPCD_ID =
dentalchart.UPCD_ID');
$this->db->join('serviceneeded', 'cariesstatus.
UPCD_ID = serviceneeded.UPCD_ID');
$this->db->join('dentures', 'cariesstatus.UPCD_ID =
dentures.UPCD_ID');
$this->db->join('otherservices', 'cariesstatus.
UPCD_ID = otherservices.UPCD_ID');
$this -> db -> where('cariesstatus.UPCD_ID', $id);
$this -> db -> where('cariesstatus.cariesstatusID',
$version);
$this -> db -> where('recurrentstatus.
recurrentstatusID', $version);
$this -> db -> where('restorationstatus.
restorationstatusID', $version);
$this -> db -> where('dentalchart.dentalchartID',
$version);
$this -> db -> where('serviceneeded.serviceneededID',
$version);
$this -> db -> where('dentures.denturesID', $version);
$this -> db -> where('otherservices.otherservicesID',
$version);
$query = $this -> db -> get();
if($query -> num_rows() >= 1)
{
return $query->result_array();
}
else
{
return false;
}
}
function getPatientInfoTreatmentPlanRO($id, $version){
$this -> db -> select('*');
$this -> db -> from('treatmentplan');
$this -> db -> where('treatmentplan.UPCD_ID', $id);
$this -> db -> where('treatmentplan.treatmentplanID',
$version);
$query = $this -> db -> get();
if($query -> num_rows() == 1)
{
return $query->result_array();
}
else
{
return false;
}
}
function getPatientInfoRadioExamRO($id, $version){
$this -> db -> select('*');
$this -> db -> from('radiographicexam');
$this -> db -> where('radiographicexam.UPCD_ID',
$id);
$this -> db -> where('radiographicexam.radioexamID',
$version);
$query = $this -> db -> get();
if($query -> num_rows() == 1)
{
return $query->result_array();
}
else
{
return false;
}
}
function getPatientInfoServicesRenderedRO($id, $version)
{
$this -> db -> select('*');

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```

1172     $this -> db -> from('servicesrendered');
1173 $this -> db -> where('servicesrendered.UPCD_ID', $id
);
1174 $this -> db -> where('servicesrendered.
servicesrenderedID', $version);
1175
1176 $query = $this -> db -> get();
1177
1178 if($query -> num_rows() == 1)
1179 {
1180     return $query->result_array();
1181 }
1182 else
1183 {
1184     return false;
1185 }
1186 }
1187
1188 function getPatientInfoConFindRO($id, $version){
1189     $this -> db -> select('*');
1190     $this -> db -> from('consultationandfindings');
1191     $this -> db -> where('consultationandfindings.
UPCD_ID', $id);
1192     $this -> db -> where('consultationandfindings.
confindID', $version);
1193
1194     $query = $this -> db -> get();
1195
1196     if($query -> num_rows() == 1)
1197     {
1198         return $query->result_array();
1199     }
1200     else
1201     {
1202         return false;
1203     }
1204 }
1205
1206 function searchPatient1($agefrom, $ageto, $gender, $city,
    $socc, $agefrom, $ageto, $gender, $city, $socc,
    $perio, $rpd, $ortho, $os, $fpd, $pedo, $endo, $cd,
    $resto, $scaries, $extrusion, $compdent,
    $impacted, $recurrent, $sintrusion, $singdent,
    $missing, $restoration, $mdr, $remparient, $acr,
    $pftm, $ddr, $pafs, $metcr, $rot, $rct, $pcc,
    $extracted, $unerrupted, $porcr, $class1, $class2,
    $class3, $class4, $class5, $onlay, $extraction,
    $odon, $specclass, $pedodontics, $orthodontics,
    $pulpesd, $roc, $stemfill, $mopd, $moai, $moti,
    $lamented, $completedenture, $anterior,
    $singlecrown, $posterior, $bridge, $singledenture,
    $removablepartialdenture, $demo, $dentdemo,
    $servdemo){
1207
1208     $scarvar = "";
1209     $srecvar = "";
1210     $sresvar = "";
1211     $simpvar = "";
1212     $sxtvar = "";
1213     $sintvar = "";
1214     $ssinvar = "";
1215     $smisvar = "";
1216     $smdrvar = "";
1217     $sremvar = "";
1218     $sacrvar = "";
1219     $spftvar = "";
1220     $sddrvar = "";
1221     $spafvar = "";
1222     $smetvar = "";
1223     $srotvar = "";
1224     $srctvar = "";
1225     $spccvar = "";
1226     $sexrvar = "";
1227     $sunevar = "";
1228     $sporvar = "";
1229
1230     $spatinfo = "";
1231     $streatinfo = "";
1232     $sdentinfo = "";
1233     $scarinfo = "";
1234     $srecinfo = "";
1235     $sresinfo = "";
1236     $servinfo = "";
1237     $sotherinfo = "";
1238
1239     $socc = "";
1240     $sperios = "";
1241     $srpds = "";
1242     $sorthos = "";
1243     $soss = "";
1244     $sfpds = "";
1245     $spedos = "";
1246     $sendos = "";
1247     $scds = "";
1248     $srestos = "";
1249
1250     $sc1var = "";
1251     $sc2var = "";
1252     $sc3var = "";
1253     $sc4var = "";
1254     $sc5var = "";
1255     $solvar = "";
1256     $sexvar = "";
1257     $sodvar = "";
1258     $scvvar = "";
1259     $spdvar = "";
1260     $sorvar = "";
1261     $psvar = "";
1262     $srcvar = "";
1263     $stfvar = "";
1264     $lmvar = "";
1265     $sanvar = "";
1266     $sivar = "";
1267     $spovar = "";
1268     $sbsvar = "";
1269
1270     $scompvar = "";
1271     $singvar = "";
1272     $sremparvar = "";
1273     $smopdvar = "";
1274     $spedovar = "";
1275     $sorthovar = "";
1276     $smoaivar = "";
1277     $smotivar = "";
1278
1279     $scity = "";
1280
1281     if($city != ""){
1282         $scity = "AND patient.city = '$city'";
1283     }
1284
1285     if($socc != ""){
1286         $spatinfo = "patientinfo, ";
1287         $socc = "AND patientinfo.occupation=''$socc'";
1288     }
1289
1290     if($perio != ''){
1291         $sperios = "treatmentplan.perio=''$perio'";
1292         $streatinfo = "treatmentplan";
1293     }
1294     if($rpd != ''){
1295         $srpds = "treatmentplan.rpd=''$rpd'";
1296         $streatinfo = "treatmentplan";
1297     }
1298     if($resto != ''){
1299         $srestos = "treatmentplan.resto=''$resto'";
1300         $streatinfo = "treatmentplan";
1301     }
1302     if($endo != ''){
1303         $sendos = "treatmentplan.endo=''$endo'";
1304         $streatinfo = "treatmentplan";
1305     }
1306     if($ortho != ''){
1307         $sorthos = "treatmentplan.ortho=''$ortho'";
1308         $streatinfo = "treatmentplan";
1309     }
1310     if($os != ''){
1311         $soss = "treatmentplan.os=''$os'";
1312         $streatinfo = "treatmentplan";
1313     }
1314     if($cd != ''){
1315         $scds = "treatmentplan.cd=''$cd'";
1316         $streatinfo = "treatmentplan";
1317     }
1318     if($fpd != ''){
1319         $sfpds = "treatmentplan.fpd=''$fpd'";
1320         $streatinfo = "treatmentplan";
1321     }
1322     if($pedo != ''){
1323         $spedos = "treatmentplan.pedo=''$pedo'";
1324         $streatinfo = "treatmentplan";
1325     }
1326
1327     if($scaries == "Yes") {
1328         $scarvar = "(cariesstatus.distal_caries != ' ' OR
cariesstatus.mesial_caries != ' ' OR cariesstatus.
buccal_caries != ' ' OR cariesstatus.
occlusal_caries != ' ' OR cariesstatus.
lingual_caries != ' ')" ;
1329         $scarinfo = "cariesstatus";
1330     }
1331     if($srecurrent == "Yes") {
1332         $srecvar = "(recurrentstatus.distal_recurrent != ' ' OR
recurrentstatus.mesial_recurrent != ' ' OR
recurrentstatus.buccal_recurrent != ' ' OR
recurrentstatus.occlusal_recurrent != ' ' OR
recurrentstatus.lingual_recurrent != ' ')" ;
1333         $srecinfo = "recurrentstatus";
1334     }
1335     if($srestoration == "Yes") {
1336         $sresvar = "(restorationstatus.distal_restoration != ' '
OR restorationstatus.mesial_restoration != ' '
OR restorationstatus.buccal_restoration != ' '
OR restorationstatus.occlusal_restoration != ' '
OR restorationstatus.lingual_restoration != ' ')" ;
1337         $sresinfo = "restorationstatus";
1338     }

```



```

1339
1340 if($impacted == "Yes") {
1341     $impvar = "dentalchart.impactd != ' '";
1342     $dentinfo = "dentalchart";
1343 }
1344 if($extrusion == "Yes") {
1345     $extvar = "dentalchart.extrusion != ' '";
1346     $dentinfo = "dentalchart";
1347 }
1348 if($intrusion == "Yes") {
1349     $intvar = "dentalchart.intrusion != ' '";
1350     $dentinfo = "dentalchart";
1351 }
1352 if($missing == "Yes") {
1353     $misvar = "dentalchart.missing != ' '";
1354     $dentinfo = "dentalchart";
1355 }
1356 if($mdr == "Yes") {
1357     $mdrvar = "dentalchart.mesial_rotation != ' '";
1358     $dentinfo = "dentalchart";
1359 }
1360 if($acr == "Yes") {
1361     $acrvar = "dentalchart.acrylic_crown != ' '";
1362     $dentinfo = "dentalchart";
1363 }
1364 if($pftm == "Yes") {
1365     $pftvar = "dentalchart.porcelain_fused != ' '";
1366     $dentinfo = "dentalchart";
1367 }
1368 if($ddr == "Yes") {
1369     $ddrvar = "dentalchart.distal_rotation != ' '";
1370     $dentinfo = "dentalchart";
1371 }
1372 if($pafs == "Yes") {
1373     $pafvar = "dentalchart.pitfissure_sealants != ' '";
1374     $dentinfo = "dentalchart";
1375 }
1376 if($metcr == "Yes") {
1377     $metvar = "dentalchart.metal_crown != ' '";
1378     $dentinfo = "dentalchart";
1379 }
1380 if($rot == "Yes") {
1381     $rotvar = "dentalchart.rotation != ' '";
1382     $dentinfo = "dentalchart";
1383 }
1384 if($rct == "Yes") {
1385     $rctvar = "dentalchart.rootcanal_treatment != ' '";
1386     $dentinfo = "dentalchart";
1387 }
1388 if($pcc == "Yes") {
1389     $pccvar = "dentalchart.postcore_crown != ' '";
1390     $dentinfo = "dentalchart";
1391 }
1392 if($extr == "Yes") {
1393     $extrvar = "dentalchart.extracted != ' '";
1394     $dentinfo = "dentalchart";
1395 }
1396 if($uner == "Yes") {
1397     $unvar = "dentalchart.unerupted != ' '";
1398     $dentinfo = "dentalchart";
1399 }
1400 if($por == "Yes") {
1401     $porvar = "dentalchart.porcelain_crown != ' '";
1402     $dentinfo = "dentalchart";
1403 }
1404
1405 if($compdent == "Yes") {
1406     $compvar = "otherservices.completedenture = 'Yes'";
1407     $otherinfo = "otherservices";
1408 }
1409 if($singdent == "Yes") {
1410     $singvar = "otherservices.singledenture = 'Yes'";
1411     $otherinfo = "otherservices";
1412 }
1413 if($rempar == "Yes") {
1414     $rempvar = "otherservices.removablepartialdenture = 'Yes'";
1415     $otherinfo = "otherservices";
1416 }
1417 if($pedodontics == "Yes") {
1418     $pedovar = "otherservices.pedodontics = 'Yes'";
1419     $otherinfo = "otherservices";
1420 }
1421 if($orthodontics == "Yes") {
1422     $orthovar = "otherservices.orthodontics = 'Yes'";
1423     $otherinfo = "otherservices";
1424 }
1425 if($mopd == "Yes") {
1426     $mopdvar = "otherservices.periodontics = 'Yes'";
1427     $otherinfo = "otherservices";
1428 }
1429 if($moai == "Yes") {
1430     $moaivar = "otherservices.acuteinfections = 'Yes'";
1431     $otherinfo = "otherservices";
1432 }
1433 if($moti == "Yes") {
1434     $motivar = "otherservices.traumaticinjuries = 'Yes'";
1435     $otherinfo = "otherservices";
1436 }
1437
1438 if($class1 == "Yes") {
1439     $c1var = "serviceneeded.class1 != ' '";
1440     $servinfo = "serviceneeded";
1441 }
1442 if($class2 == "Yes") {
1443     $c2var = "serviceneeded.class2 != ' '";
1444     $servinfo = "serviceneeded";
1445 }
1446 if($class3 == "Yes") {
1447     $c3var = "serviceneeded.class3 != ' '";
1448     $servinfo = "serviceneeded";
1449 }
1450 if($class4 == "Yes") {
1451     $c4var = "serviceneeded.class4 != ' '";
1452     $servinfo = "serviceneeded";
1453 }
1454 if($class5 == "Yes") {
1455     $c5var = "serviceneeded.class5 != ' '";
1456     $servinfo = "serviceneeded";
1457 }
1458 if($onlay == "Yes") {
1459     $olvar = "serviceneeded.onlay != ' '";
1460     $servinfo = "serviceneeded";
1461 }
1462 if($extraction == "Yes") {
1463     $exvar = "serviceneeded.extraction != ' '";
1464     $servinfo = "serviceneeded";
1465 }
1466 if($odon == "Yes") {
1467     $odvar = "serviceneeded.odontectomy != ' '";
1468     $servinfo = "serviceneeded";
1469 }
1470 if($specclass == "Yes") {
1471     $scvar = "serviceneeded.special_case != ' '";
1472     $servinfo = "serviceneeded";
1473 }
1474 if($pulsed == "Yes") {
1475     $psvar = "serviceneeded.pulp_sedation != ' '";
1476     $servinfo = "serviceneeded";
1477 }
1478 if($roc == "Yes") {
1479     $rcvar = "serviceneeded.crown_recementation != ' '";
1480     $servinfo = "serviceneeded";
1481 }
1482 if($stemfill == "Yes") {
1483     $stfvar = "serviceneeded.filling_service != ' '";
1484     $servinfo = "serviceneeded";
1485 }
1486 if($lamed == "Yes") {
1487     $lmvar = "serviceneeded.laminated != ' '";
1488     $servinfo = "serviceneeded";
1489 }
1490 if($anterior == "Yes") {
1491     $anvar = "serviceneeded.anterior != ' '";
1492     $servinfo = "serviceneeded";
1493 }
1494 if($singlecrown == "Yes") {
1495     $sivar = "serviceneeded.single_crown != ' '";
1496     $servinfo = "serviceneeded";
1497 }
1498 if($posterior == "Yes") {
1499     $povar = "serviceneeded.posterior != ' '";
1500     $servinfo = "serviceneeded";
1501 }
1502 if($bridge == "Yes") {
1503     $bsvar = "serviceneeded.bridge_service != ' '";
1504     $servinfo = "serviceneeded";
1505 }
1506
1507 $query = "";
1508 //echo "demo = $demo";
1509
1510 if($demo == "or" || $demo == "and"){
1511     $txt = "SELECT * FROM patient";
1512     if($spatinfo != "") $txt = $txt.", $spatinfo";
1513     if($streatinfo != "") $txt = $txt.", $streatinfo";
1514
1515     if($dentdemo == "" && $servdemo == ""){
1516         $isfirstgood4 = true;
1517
1518         if($spatinfo != "") $txt = $txt." WHERE patient.
1519             UPCD_ID = patientinfo.UPCD_ID ";
1520         else $isfirstgood4 = false;
1521         if($streatinfo != "" && !$isfirstgood4) {
1522             $txt = $txt." WHERE patient.UPCD_ID =
1523                 treatmentplan.UPCD_ID ";
1524             $isfirstgood4 = true;
1525         }
1526         else $txt = $txt." AND patient.UPCD_ID =
1527             treatmentplan.UPCD_ID ";
1528
1529         $txt = $txt." AND ($gender AND patient.age >=
1530             Sagefrom AND patient.age <= Sageeto $citys
1531             $occs $demo)";
1532
1533         if($streatinfo != ""){
1534             $txt = $txt." (";

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```

1531     $isfirstgood2 = true;
1532
1533     if($perios != "") $txt = $txt." $perios ";
1534     else $isfirstgood2 = false;
1535     if($fpds != "" && !$isfirstgood2) {
1536         $txt = $txt." $fpds ";
1537         $isfirstgood2 = true;
1538     }elseif($fpds != "" && $isfirstgood2){
1539         $txt = $txt." OR $fpds ";
1540     }
1541     if($oss != "" && !$isfirstgood2) {
1542         $txt = $txt." $oss ";
1543         $isfirstgood2 = true;
1544     }elseif($oss != "" && $isfirstgood2){
1545         $txt = $txt."OR $oss ";
1546     }
1547     if($rpds != "" && !$isfirstgood2) {
1548         $txt = $txt." $rpds ";
1549         $isfirstgood2 = true;
1550     }elseif($rpds != "" && $isfirstgood2){
1551         $txt = $txt."OR $rpds ";
1552     }
1553     if($sendos != "" && !$isfirstgood2) {
1554         $txt = $txt." $sendos ";
1555         $isfirstgood2 = true;
1556     }elseif($sendos != "" && $isfirstgood2){
1557         $txt = $txt."OR $sendos ";
1558     }
1559     if($pedos != "" && !$isfirstgood2) {
1560         $txt = $txt." $pedos ";
1561         $isfirstgood2 = true;
1562     }elseif($pedos != "" && $isfirstgood2){
1563         $txt = $txt."OR $pedos ";
1564     }
1565     if($orthos != "" && !$isfirstgood2) {
1566         $txt = $txt." $orthos ";
1567         $isfirstgood2 = true;
1568     }elseif($orthos != "" && $isfirstgood2){
1569         $txt = $txt."OR $orthos ";
1570     }
1571     if($restos != "" && !$isfirstgood2) {
1572         $txt = $txt." $restos ";
1573         $isfirstgood2 = true;
1574     }elseif($restos != "" && $isfirstgood2){
1575         $txt = $txt."OR $restos ";
1576     }
1577     if($cds != "" && !$isfirstgood2) {
1578         $txt = $txt." $fpds ";
1579         $isfirstgood2 = true;
1580     }elseif($cds != "" && $isfirstgood2){
1581         $txt = $txt."OR $cds ";
1582     }
1583     $txt = $txt." ";
1584 }
1585 $query = $this->db->query($txt);
1586
1587 }
1588
1589 elseif($dentdemo != "" && $servdemo == ""){
1590
1591     if($dentinfo != "") $txt = $txt.", $dentinfo";
1592     if($sotherinfo != "") $txt = $txt.", $sotherinfo";
1593     if($scarinfo != "") $txt = $txt.", $scarinfo";
1594     if($srecinfo != "") $txt = $txt.", $srecinfo";
1595     if($sresinfo != "") $txt = $txt.", $sresinfo";
1596
1597     $isfirstgood4 = true;
1598     if($patinfo != "") $txt = $txt." WHERE patient.
1599         UPCD_ID = patientinfo.UPCD_ID ";
1600     else $isfirstgood4 = false;
1601     if($treatinfo != "" && !$isfirstgood4) {
1602         $txt = $txt." WHERE patient.UPCD_ID =
1603             treatmentplan.UPCD_ID ";
1604         $isfirstgood4 = true;
1605     }
1606     elseif($treatinfo != "" && $isfirstgood4) $txt = $txt.
1607         " AND patient.UPCD_ID = treatmentplan.
1608             UPCD_ID ";
1609
1610     if($dentinfo != "" && !$isfirstgood4) {
1611         $txt = $txt." WHERE patient.UPCD_ID =
1612             dentalchart.UPCD_ID";
1613         $isfirstgood4 = true;
1614     }
1615     elseif($dentinfo != "" && $isfirstgood4) $txt = $txt.
1616         " AND patient.UPCD_ID = dentalchart.
1617             UPCD_ID";
1618
1619     if($sotherinfo != "" && !$isfirstgood4) {
1620         $txt = $txt." WHERE patient.UPCD_ID =
1621             otherservices.UPCD_ID";
1622         $isfirstgood4 = true;
1623     }
1624     elseif($sotherinfo != "" && $isfirstgood4) $txt = $txt
1625         ." AND patient.UPCD_ID = otherservices.
1626             UPCD_ID";
1627
1628     if($scarinfo != "" && !$isfirstgood4) {
1629         $txt = $txt." WHERE patient.UPCD_ID =
1630             cariesstatus.UPCD_ID";
1631         $isfirstgood4 = true;
1632     }
1633     elseif($scarinfo != "" && $isfirstgood4) $txt = $txt."
1634         AND patient.UPCD_ID = cariesstatus.UPCD_ID
1635         ";
1636
1637     if($srecinfo != "" && !$isfirstgood4) {
1638         $txt = $txt." WHERE patient.UPCD_ID =
1639             recurrentstatus.UPCD_ID";
1640         $isfirstgood4 = true;
1641     }
1642     elseif($srecinfo != "" && $isfirstgood4) $txt = $txt."
1643         AND patient.UPCD_ID = recurrentstatus.
1644             UPCD_ID";
1645
1646     if($sresinfo != "" && !$isfirstgood4) {
1647         $txt = $txt." WHERE patient.UPCD_ID =
1648             restorationstatus.UPCD_ID";
1649         $isfirstgood4 = true;
1650     }
1651     elseif($sresinfo != "" && $isfirstgood4) $txt = $txt."
1652         AND patient.UPCD_ID = restorationstatus.
1653             UPCD_ID";
1654
1655     $txt = $txt." AND ($gender AND patient.age >=
1656         Sagefrom AND patient.age <= $ageto $citys
1657         $occs $demo (");
1658     if($treatinfo != ""){
1659         $txt = $txt." (");
1660         $isfirstgood2 = true;
1661
1662         if($perios != "") $txt = $txt." $perios ";
1663         else $isfirstgood2 = false;
1664         if($fpds != "" && !$isfirstgood2) {
1665             $txt = $txt." $fpds ";
1666             $isfirstgood2 = true;
1667         }elseif($fpds != "" && $isfirstgood2){
1668             $txt = $txt." OR $fpds ";
1669         }
1670         if($oss != "" && !$isfirstgood2) {
1671             $txt = $txt." $oss ";
1672             $isfirstgood2 = true;
1673         }elseif($oss != "" && $isfirstgood2){
1674             $txt = $txt."OR $oss ";
1675         }
1676         if($rpds != "" && !$isfirstgood2) {
1677             $txt = $txt." $rpds ";
1678             $isfirstgood2 = true;
1679         }elseif($rpds != "" && $isfirstgood2){
1680             $txt = $txt."OR $rpds ";
1681         }
1682         if($sendos != "" && !$isfirstgood2) {
1683             $txt = $txt." $sendos ";
1684             $isfirstgood2 = true;
1685         }elseif($sendos != "" && $isfirstgood2){
1686             $txt = $txt."OR $sendos ";
1687         }
1688         if($pedos != "" && !$isfirstgood2) {
1689             $txt = $txt." $pedos ";
1690             $isfirstgood2 = true;
1691         }elseif($pedos != "" && $isfirstgood2){
1692             $txt = $txt."OR $pedos ";
1693         }
1694         if($orthos != "" && !$isfirstgood2) {
1695             $txt = $txt." $orthos ";
1696             $isfirstgood2 = true;
1697         }elseif($orthos != "" && $isfirstgood2){
1698             $txt = $txt."OR $orthos ";
1699         }
1700         if($restos != "" && !$isfirstgood2) {
1701             $txt = $txt." $restos ";
1702             $isfirstgood2 = true;
1703         }elseif($restos != "" && $isfirstgood2){
1704             $txt = $txt."OR $restos ";
1705         }
1706         if($cds != "" && !$isfirstgood2) {
1707             $txt = $txt." $cds ";
1708             $isfirstgood2 = true;
1709         }elseif($cds != "" && $isfirstgood2){
1710             $txt = $txt."OR $cds ";
1711         }
1712         $txt = $txt." ";
1713     }
1714
1715     if($dentdemo != "") {
1716         if($treatinfo == "") $txt = $txt." (";
1717         else $txt = $txt." $demo (";
1718         $isfirstgood = true;
1719
1720         if($scarvar != "") {
1721             $txt = $txt." $scarvar";
1722         }elseif($isfirstgood = false;
1723         if($srecvar != "" && !$isfirstgood) {
1724             $txt = $txt." $srecvar";
1725             $isfirstgood = true;
1726         }elseif($srecvar != "" && $isfirstgood){
1727             $txt = $txt." $dentdemo $srecvar";
1728         }
1729         if($sresvar != "" && !$isfirstgood) {

```

```

1708 $txt = $txt." $resvar";
1709 $isfirstgood = true;
1710 }elseif($resvar != "" && $isfirstgood){
1711 $txt = $txt." $dentdemo $resvar";
1712 }
1713 if($sexvar != "" && !$isfirstgood) {
1714 $txt = $txt." $sexvar";
1715 $isfirstgood = true;
1716 }elseif($sexvar != "" && $isfirstgood){
1717 $txt = $txt." $dentdemo $sexvar";
1718 }
1719 if($sintvar != "" && !$isfirstgood) {
1720 $txt = $txt." $sintvar";
1721 $isfirstgood = true;
1722 }elseif($sintvar != "" && $isfirstgood){
1723 $txt = $txt." $dentdemo $sintvar";
1724 }
1725 if($smdrvar != "" && !$isfirstgood) {
1726 $txt = $txt." $smdrvar";
1727 $isfirstgood = true;
1728 }elseif($smdrvar != "" && $isfirstgood){
1729 $txt = $txt." $dentdemo $smdrvar";
1730 }
1731 if($sddrvar != "" && !$isfirstgood) {
1732 $txt = $txt." $sddrvar";
1733 $isfirstgood = true;
1734 }elseif($sddrvar != "" && $isfirstgood){
1735 $txt = $txt." $dentdemo $sddrvar";
1736 }
1737 if($srotvar != "" && !$isfirstgood) {
1738 $txt = $txt." $srotvar";
1739 $isfirstgood = true;
1740 }elseif($srotvar != "" && $isfirstgood){
1741 $txt = $txt." $dentdemo $srotvar";
1742 }
1743 if($spccvar != "" && !$isfirstgood) {
1744 $txt = $txt." $spccvar";
1745 $isfirstgood = true;
1746 }elseif($spccvar != "" && $isfirstgood){
1747 $txt = $txt." $dentdemo $spccvar";
1748 }
1749 if($srctvar != "" && !$isfirstgood) {
1750 $txt = $txt." $srctvar";
1751 $isfirstgood = true;
1752 }elseif($srctvar != "" && $isfirstgood){
1753 $txt = $txt." $dentdemo $srctvar";
1754 }
1755 if($spafvar != "" && !$isfirstgood) {
1756 $txt = $txt." $spafvar";
1757 $isfirstgood = true;
1758 }elseif($spafvar != "" && $isfirstgood){
1759 $txt = $txt." $dentdemo $spafvar";
1760 }
1761 if($sexrvar != "" && !$isfirstgood) {
1762 $txt = $txt." $sexrvar";
1763 $isfirstgood = true;
1764 }elseif($sexrvar != "" && $isfirstgood){
1765 $txt = $txt." $dentdemo $sexrvar";
1766 }
1767 if($smisvar != "" && !$isfirstgood) {
1768 $txt = $txt." $misvar";
1769 $isfirstgood = true;
1770 }elseif($smisvar != "" && $isfirstgood){
1771 $txt = $txt." $dentdemo $misvar";
1772 }
1773 if($sunevar != "" && !$isfirstgood) {
1774 $txt = $txt." $sunevar";
1775 $isfirstgood = true;
1776 }elseif($sunevar != "" && $isfirstgood){
1777 $txt = $txt." $dentdemo $sunevar";
1778 }
1779 if($simpvar != "" && !$isfirstgood) {
1780 $txt = $txt." $simpvar";
1781 $isfirstgood = true;
1782 }elseif($simpvar != "" && $isfirstgood){
1783 $txt = $txt." $dentdemo $simpvar";
1784 }
1785 if($sporvar != "" && !$isfirstgood) {
1786 $txt = $txt." $sporvar";
1787 $isfirstgood = true;
1788 }elseif($sporvar != "" && $isfirstgood){
1789 $txt = $txt." $dentdemo $sporvar";
1790 }
1791 if($sacrvar != "" && !$isfirstgood) {
1792 $txt = $txt." $sacrvar";
1793 $isfirstgood = true;
1794 }elseif($sacrvar != "" && $isfirstgood){
1795 $txt = $txt." $dentdemo $sacrvar";
1796 }
1797 if($smetvar != "" && !$isfirstgood) {
1798 $txt = $txt." $metvar";
1799 $isfirstgood = true;
1800 }elseif($metvar != "" && $isfirstgood){
1801 $txt = $txt." $dentdemo $metvar";
1802 }
1803 if($spftvar != "" && !$isfirstgood) {
1804 $txt = $txt." $pftvar";
1805 $isfirstgood = true;
1806 }elseif($pftvar != "" && $isfirstgood){

```

```

1807 $txt = $txt." $dentdemo $pftvar";
1808 }
1809 if($scompvar != "" && !$isfirstgood) {
1810 $txt = $txt." $scompvar";
1811 $isfirstgood = true;
1812 }elseif($scompvar != "" && $isfirstgood){
1813 $txt = $txt." $dentdemo $scompvar";
1814 }
1815 if($singvar != "" && !$isfirstgood) {
1816 $txt = $txt." $singvar";
1817 $isfirstgood = true;
1818 }elseif($singvar != "" && $isfirstgood){
1819 $txt = $txt." $dentdemo $singvar";
1820 }
1821 if($sremparvar != "" && !$isfirstgood) {
1822 $txt = $txt." $remparvar";
1823 $isfirstgood = true;
1824 }elseif($sremparvar != "" && $isfirstgood){
1825 $txt = $txt." $dentdemo $remparvar";
1826 }
1827 $txt = $txt." ) ";
1828 }
1829 }
1830 $query = $this->db->query($txt);
1831 }
1832 }elseif($dentdemo == "" && $servdemo != ""){
1833 }
1834 }elseif($servinfo != "") $txt = $txt." $servinfo";
1835 }elseif($sotherinfo != "") $txt = $txt." $sotherinfo";
1836 }
1837 $isfirstgood4 = true;
1838 }
1839 if($spatinfo != "") $txt = $txt." WHERE patient.
1840 UPCD_ID = patientinfo.UPCD_ID ";
1841 else $isfirstgood4 = false;
1842 if($streatinfo != "" && !$isfirstgood4) {
1843 $txt = $txt." WHERE patient.UPCD_ID =
1844 treatmentplan.UPCD_ID ";
1845 $isfirstgood4 = true;
1846 }
1847 }elseif($streatinfo != "" && $isfirstgood4) $txt = $txt.
1848 " AND patient.UPCD_ID = treatmentplan.
1849 UPCD_ID ";
1850 }
1851 if($servinfo != "" && !$isfirstgood4) {
1852 $txt = $txt." WHERE patient.UPCD_ID =
1853 serviceneeded.UPCD_ID";
1854 $isfirstgood4 = true;
1855 }
1856 }elseif($servinfo != "" && $isfirstgood4) $txt = $txt."
1857 AND patient.UPCD_ID = serviceneeded.
1858 UPCD_ID";
1859 }
1860 if($sotherinfo != "" && !$isfirstgood4) {
1861 $txt = $txt." WHERE patient.UPCD_ID =
1862 otherservices.UPCD_ID";
1863 $isfirstgood4 = true;
1864 }
1865 }elseif($sotherinfo != "" && $isfirstgood4) $txt = $txt.
1866 " AND patient.UPCD_ID = otherservices.
1867 UPCD_ID";
1868 }
1869 $txt = $txt." AND ($gender AND patient.age >=
1870 Sagefrom AND patient.age <= $ageto Scitys
1871 Socc $demo (");
1872 if($streatinfo != ""){
1873 $txt = $txt." (";
1874 $isfirstgood2 = true;
1875 }
1876 if($sperios != "") $txt = $txt." $perios ";
1877 else $isfirstgood2 = false;
1878 if($fpds != "" && !$isfirstgood2) {
1879 $txt = $txt." $fpds ";
1880 $isfirstgood2 = true;
1881 }elseif($fpds != "" && $isfirstgood2){
1882 $txt = $txt." OR $fpds ";
1883 }
1884 }
1885 if($soss != "" && !$isfirstgood2) {
1886 $txt = $txt." $oss ";
1887 $isfirstgood2 = true;
1888 }elseif($soss != "" && $isfirstgood2){
1889 $txt = $txt."OR $oss ";
1890 }
1891 }
1892 if($srpds != "" && !$isfirstgood2) {
1893 $txt = $txt." $rpds ";
1894 $isfirstgood2 = true;
1895 }elseif($rpds != "" && $isfirstgood2){
1896 $txt = $txt."OR $rpds ";
1897 }
1898 }
1899 if($sendos != "" && !$isfirstgood2) {
1900 $txt = $txt." $endos ";
1901 $isfirstgood2 = true;
1902 }elseif($sendos != "" && $isfirstgood2){
1903 $txt = $txt."OR $endos ";
1904 }
1905 }
1906 if($spedos != "" && !$isfirstgood2) {
1907 $txt = $txt." $pedos ";
1908 $isfirstgood2 = true;
1909 }

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```

1894 }elseif($pedos != "" && $isfirstgood2){
1895 $txt = $txt."OR $pedos ";
1896 }
1897 if($orthos != "" && !$isfirstgood2) {
1898 $txt = $txt." $orthos ";
1899 $isfirstgood2 = true;
1900 }elseif($orthos != "" && $isfirstgood2){
1901 $txt = $txt."OR $orthos ";
1902 }
1903 if($restos != "" && !$isfirstgood2) {
1904 $txt = $txt." $restos ";
1905 $isfirstgood2 = true;
1906 }elseif($restos != "" && $isfirstgood2){
1907 $txt = $txt."OR $restos ";
1908 }
1909 if($scds != "" && !$isfirstgood2) {
1910 $txt = $txt." $scds ";
1911 $isfirstgood2 = true;
1912 }elseif($scds != "" && $isfirstgood2){
1913 $txt = $txt."OR $scds ";
1914 }
1915 $txt = $txt." ) ";
1916 }
1917
1918 if($servdemo != "") {
1919 if($treatinfo == "") $txt = $txt." ( ";
1920 else $txt = $txt." $demo ( ";
1921 $isfirstgood3 = true;
1922
1923 if($c1var != "") {
1924 $txt = $txt." $c1var";
1925 }elseif($isfirstgood3 = false;
1926 if($c2var != "" && !$isfirstgood3) {
1927 $txt = $txt." $c2var";
1928 $isfirstgood3 = true;
1929 }elseif($c2var != "" && $isfirstgood3){
1930 $txt = $txt." $servdemo $c2var";
1931 }
1932 if($c3var != "" && !$isfirstgood3) {
1933 $txt = $txt." $c3var";
1934 $isfirstgood3 = true;
1935 }elseif($c3var != "" && $isfirstgood3){
1936 $txt = $txt." $servdemo $c3var";
1937 }
1938 if($c4var != "" && !$isfirstgood3) {
1939 $txt = $txt." $c4var";
1940 $isfirstgood3 = true;
1941 }elseif($c4var != "" && $isfirstgood3){
1942 $txt = $txt." $servdemo $c4var";
1943 }
1944 if($c5var != "" && !$isfirstgood3) {
1945 $txt = $txt." $c5var";
1946 $isfirstgood3 = true;
1947 }elseif($c5var != "" && $isfirstgood3){
1948 $txt = $txt." $servdemo $c5var";
1949 }
1950 if($solvar != "" && !$isfirstgood3) {
1951 $txt = $txt." $solvar";
1952 $isfirstgood3 = true;
1953 }elseif($solvar != "" && $isfirstgood3){
1954 $txt = $txt." $servdemo $solvar";
1955 }
1956 if($sexvar != "" && !$isfirstgood3) {
1957 $txt = $txt." $sexvar";
1958 $isfirstgood3 = true;
1959 }elseif($sexvar != "" && $isfirstgood3){
1960 $txt = $txt." $servdemo $sexvar";
1961 }
1962 if($odvar != "" && !$isfirstgood3) {
1963 $txt = $txt." $odvar";
1964 $isfirstgood3 = true;
1965 }elseif($odvar != "" && $isfirstgood3){
1966 $txt = $txt." $servdemo $odvar";
1967 }
1968 if($scvar != "" && !$isfirstgood3) {
1969 $txt = $txt." $scvar";
1970 $isfirstgood3 = true;
1971 }elseif($scvar != "" && $isfirstgood3){
1972 $txt = $txt." $servdemo $scvar";
1973 }
1974 if($psvar != "" && !$isfirstgood3) {
1975 $txt = $txt." $psvar";
1976 $isfirstgood3 = true;
1977 }elseif($psvar != "" && $isfirstgood3){
1978 $txt = $txt." $servdemo $psvar";
1979 }
1980 if($rcvar != "" && !$isfirstgood3) {
1981 $txt = $txt." $rcvar";
1982 $isfirstgood3 = true;
1983 }elseif($rcvar != "" && $isfirstgood3){
1984 $txt = $txt." $servdemo $rcvar";
1985 }
1986 if($tfvar != "" && !$isfirstgood3) {
1987 $txt = $txt." $tfvar";
1988 $isfirstgood3 = true;
1989 }elseif($tfvar != "" && $isfirstgood3){
1990 $txt = $txt." $servdemo $tfvar";
1991 }
1992 if($lvar != "" && !$isfirstgood3) {
1993 $txt = $txt." $lvar";
1994 $isfirstgood3 = true;
1995 }elseif($lvar != "" && $isfirstgood3){
1996 $txt = $txt." $servdemo $lvar";
1997 }
1998 if($anvar != "" && !$isfirstgood3) {
1999 $txt = $txt." $anvar";
2000 $isfirstgood3 = true;
2001 }elseif($anvar != "" && $isfirstgood3){
2002 $txt = $txt." $servdemo $anvar";
2003 }
2004 if($povar != "" && !$isfirstgood3) {
2005 $txt = $txt." $povar";
2006 $isfirstgood3 = true;
2007 }elseif($povar != "" && $isfirstgood3){
2008 $txt = $txt." $servdemo $povar";
2009 }
2010 if($bsvar != "" && !$isfirstgood3) {
2011 $txt = $txt." $bsvar";
2012 $isfirstgood3 = true;
2013 }elseif($bsvar != "" && $isfirstgood3){
2014 $txt = $txt." $servdemo $bsvar";
2015 }
2016 if($sivar != "" && !$isfirstgood3) {
2017 $txt = $txt." $sivar";
2018 $isfirstgood3 = true;
2019 }elseif($sivar != "" && $isfirstgood3){
2020 $txt = $txt." $servdemo $sivar";
2021 }
2022 if($mopdvar != "" && !$isfirstgood3) {
2023 $txt = $txt." $mopdvar";
2024 $isfirstgood3 = true;
2025 }elseif($mopdvar != "" && $isfirstgood3){
2026 $txt = $txt." $servdemo $mopdvar";
2027 }
2028 if($pedovar != "" && !$isfirstgood3) {
2029 $txt = $txt." $pedovar";
2030 $isfirstgood3 = true;
2031 }elseif($pedovar != "" && $isfirstgood3){
2032 $txt = $txt." $servdemo $pedovar";
2033 }
2034 if($orthovar != "" && !$isfirstgood3) {
2035 $txt = $txt." $orthovar";
2036 $isfirstgood3 = true;
2037 }elseif($orthovar != "" && $isfirstgood3){
2038 $txt = $txt." $servdemo $orthovar";
2039 }
2040 if($moaivar != "" && !$isfirstgood3) {
2041 $txt = $txt." $moaivar";
2042 $isfirstgood3 = true;
2043 }elseif($moaivar != "" && $isfirstgood3){
2044 $txt = $txt." $servdemo $moaivar";
2045 }
2046 if($motivar != "" && !$isfirstgood3) {
2047 $txt = $txt." $motivar";
2048 $isfirstgood3 = true;
2049 }elseif($motivar != "" && $isfirstgood3){
2050 $txt = $txt." $servdemo $motivar";
2051 }
2052 $txt = $txt." ) ";
2053 }
2054
2055 $txt = $txt." ) ";
2056 $query = $this->db->query($txt);
2057
2058 }elseif($dentdemo != "" && $servdemo != ""){
2059 if($dentinfo != "") $txt = $txt." $dentinfo";
2060 if($sotherinfo != "") $txt = $txt." $sotherinfo";
2061 if($scarinfo != "") $txt = $txt." $scarinfo";
2062 if($recinfo != "") $txt = $txt." $recinfo";
2063 if($resinfo != "") $txt = $txt." $resinfo";
2064 if($servinfo != "") $txt = $txt." $servinfo";
2065
2066 $isfirstgood4 = true;
2067
2068 if($spatinfo != "") $txt = $txt." WHERE patient.
UPCD.ID = patientinfo.UPCD.ID ";
2069 else $isfirstgood4 = false;
2070
2071 $isfirstgood4 = true;
2072
2073 if($spatinfo != "") $txt = $txt." WHERE patient.
UPCD.ID = patientinfo.UPCD.ID ";
2074 else $isfirstgood4 = false;
2075
2076 if($treatinfo != "" && !$isfirstgood4) {
2077 $txt = $txt." WHERE patient.UPCD.ID =
treatmentplan.UPCD.ID ";
2078 $isfirstgood4 = true;
2079 }
2080 }elseif($treatinfo != "" && $isfirstgood4) $txt = $txt.
" AND patient.UPCD.ID = treatmentplan.
UPCD.ID ";
2081
2082 if($dentinfo != "" && !$isfirstgood4) {
2083 $txt = $txt." WHERE patient.UPCD.ID =
dentalchart.UPCD.ID";
2084 $isfirstgood4 = true;
2085 }

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2086     elseif($dentinfo != "" && $sisfirstgood4) $txt = $txt." 2167
        AND patient.UPCD_ID = dentalchart.UPCD_ID 2168
        "; 2169
2087 2170
2088 if($otherinfo != "" && !$sisfirstgood4) { 2171
2089 $txt = $txt." WHERE patient.UPCD_ID = 2172
        otherserviceschart.UPCD_ID"; 2173
2090 $sisfirstgood4 = true; 2174
2091 } 2175
2092 elseif($otherinfo != "" && $sisfirstgood4) $txt = $txt. 2176
        AND patient.UPCD_ID = otherservices. 2177
        UPCD_ID"; 2178
2093 2179
2094 if($carinfo != "" && !$sisfirstgood4) { 2180
2095 $txt = $txt." WHERE patient.UPCD_ID = 2181
        cariesstatus.UPCD_ID"; 2182
2096 $sisfirstgood4 = true; 2183
2097 } 2184
2098 elseif($carinfo != "" && $sisfirstgood4) $txt = $txt." 2185
        AND patient.UPCD_ID = cariesstatus.UPCD_ID 2186
        "; 2187
2099 if($recinfo != "" && !$sisfirstgood4) { 2188
2100 $txt = $txt." WHERE patient.UPCD_ID = 2189
        recurrentstatus.UPCD_ID"; 2190
2101 $sisfirstgood4 = true; 2191
2102 } 2192
2103 elseif($recinfo != "" && $sisfirstgood4) $txt = $txt." 2193
        AND patient.UPCD_ID = recurrentstatus. 2194
        UPCD_ID"; 2195
2104 if($resinfo != "" && !$sisfirstgood4) { 2196
2105 $txt = $txt." WHERE patient.UPCD_ID = 2197
        restorationstatus.UPCD_ID"; 2198
2106 $sisfirstgood4 = true; 2199
2107 } 2200
2108 elseif($resinfo != "" && $sisfirstgood4) $txt = $txt." 2201
        AND patient.UPCD_ID = restorationstatus. 2202
        UPCD_ID"; 2203
2109 if($servinfo != "" && !$sisfirstgood4) { 2204
2110 $txt = $txt." WHERE patient.UPCD_ID = 2205
        serviceneeded.UPCD_ID"; 2206
2111 $sisfirstgood4 = true; 2207
2112 } 2208
2113 else $txt = $txt." AND patient.UPCD_ID = 2209
        serviceneeded.UPCD_ID"; 2210
2114 2211
2115 $txt = $txt." AND ($gender AND patient.age >= 2212
        $agefrom AND patient.age <= $ageto $citys 2213
        $occs $demo ""); 2214
2116 if($treatinfo != ""){ 2215
2117 $txt = $txt." ("; 2216
2118 $sisfirstgood2 = true; 2217
2119 2218
2120 if($perio != "") $txt = $txt." $perio "; 2219
2121 else $sisfirstgood2 = false; 2220
2122 if($fpds != "" && !$sisfirstgood2) { 2221
2123 $txt = $txt." $fpds "; 2222
2124 $sisfirstgood2 = true; 2223
2125 } elseif($fpds != "" && $sisfirstgood2){ 2224
2126 $txt = $txt." OR $fpds "; 2225
2127 } 2226
2128 if($oss != "" && !$sisfirstgood2) { 2227
2129 $txt = $txt." $oss "; 2228
2130 $sisfirstgood2 = true; 2229
2131 } elseif($oss != "" && $sisfirstgood2){ 2230
2132 $txt = $txt."OR $oss "; 2231
2133 } 2232
2134 if($rpds != "" && !$sisfirstgood2) { 2233
2135 $txt = $txt." $rpds "; 2234
2136 $sisfirstgood2 = true; 2235
2137 } elseif($rpds != "" && $sisfirstgood2){ 2236
2138 $txt = $txt."OR $rpds "; 2237
2139 } 2238
2140 if($sendos != "" && !$sisfirstgood2) { 2239
2141 $txt = $txt." $sendos "; 2240
2142 $sisfirstgood2 = true; 2241
2143 } elseif($sendos != "" && $sisfirstgood2){ 2242
2144 $txt = $txt."OR $sendos "; 2243
2145 } 2244
2146 if($pedos != "" && !$sisfirstgood2) { 2245
2147 $txt = $txt." $pedos "; 2246
2148 $sisfirstgood2 = true; 2247
2149 } elseif($pedos != "" && $sisfirstgood2){ 2248
2150 $txt = $txt."OR $pedos "; 2249
2151 } 2250
2152 if($orthos != "" && !$sisfirstgood2) { 2251
2153 $txt = $txt." $orthos "; 2252
2154 $sisfirstgood2 = true; 2253
2155 } elseif($orthos != "" && $sisfirstgood2){ 2254
2156 $txt = $txt."OR $orthos "; 2255
2157 } 2256
2158 if($restos != "" && !$sisfirstgood2) { 2257
2159 $txt = $txt." $restos "; 2258
2160 $sisfirstgood2 = true; 2259
2161 } elseif($restos != "" && $sisfirstgood2){ 2260
2162 $txt = $txt."OR $restos "; 2261
2163 } 2262
2164 if($scds != "" && !$sisfirstgood2) { 2263
2165 $txt = $txt." $scds "; 2264
2166 $sisfirstgood2 = true; 2265
} elseif($scds != "" && $sisfirstgood2){
    $txt = $txt."OR $scds ";
}
if($dentdemo != "") {
    if($treatinfo == "") $txt = $txt." (";
    else $txt = $txt." $demo (";
    $sisfirstgood = true;
    if($scarvar != "") {
        $txt = $txt." $scarvar";
    } else $sisfirstgood = false;
    if($srecvar != "" && !$sisfirstgood) {
        $txt = $txt." $srecvar";
        $sisfirstgood = true;
    } elseif($srecvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $srecvar";
    }
    if($sresvar != "" && !$sisfirstgood) {
        $txt = $txt." $sresvar";
        $sisfirstgood = true;
    } elseif($sresvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $sresvar";
    }
    if($ssexvar != "" && !$sisfirstgood) {
        $txt = $txt." $ssexvar";
        $sisfirstgood = true;
    } elseif($ssexvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $ssexvar";
    }
    if($smdrvar != "" && !$sisfirstgood) {
        $txt = $txt." $smdrvar";
        $sisfirstgood = true;
    } elseif($smdrvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $smdrvar";
    }
    if($sddrvar != "" && !$sisfirstgood) {
        $txt = $txt." $sddrvar";
        $sisfirstgood = true;
    } elseif($sddrvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $sddrvar";
    }
    if($srotvar != "" && !$sisfirstgood) {
        $txt = $txt." $srotvar";
        $sisfirstgood = true;
    } elseif($srotvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $srotvar";
    }
    if($spccvar != "" && !$sisfirstgood) {
        $txt = $txt." $spccvar";
        $sisfirstgood = true;
    } elseif($spccvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $spccvar";
    }
    if($srctvar != "" && !$sisfirstgood) {
        $txt = $txt." $srctvar";
        $sisfirstgood = true;
    } elseif($srctvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $srctvar";
    }
    if($spafvar != "" && !$sisfirstgood) {
        $txt = $txt." $spafvar";
        $sisfirstgood = true;
    } elseif($spafvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $spafvar";
    }
    if($sexrvar != "" && !$sisfirstgood) {
        $txt = $txt." $sexrvar";
        $sisfirstgood = true;
    } elseif($sexrvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $sexrvar";
    }
    if($smisvar != "" && !$sisfirstgood) {
        $txt = $txt." $misvar";
        $sisfirstgood = true;
    } elseif($smisvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $misvar";
    }
    if($sunevar != "" && !$sisfirstgood) {
        $txt = $txt." $sunevar";
        $sisfirstgood = true;
    } elseif($sunevar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $sunevar";
    }
    if($simpvar != "" && !$sisfirstgood) {
        $txt = $txt." $simpvar";
        $sisfirstgood = true;
    } elseif($simpvar != "" && $sisfirstgood){
        $txt = $txt." $dentdemo $simpvar";
    }
    if($sporvar != "" && !$sisfirstgood) {
}

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2266 $txt = $txt." $porvar";
2267 $isfirstgood = true;
2268 }elseif($porvar != "" && $isfirstgood){
2269 $txt = $txt." $dentdemo $porvar";
2270 }
2271 if($sacarvar != "" && !$isfirstgood) {
2272 $txt = $txt." $sacarvar";
2273 $isfirstgood = true;
2274 }elseif($sacarvar != "" && $isfirstgood){
2275 $txt = $txt." $dentdemo $sacarvar";
2276 }
2277 if($smetvar != "" && !$isfirstgood) {
2278 $txt = $txt." $metvar";
2279 $isfirstgood = true;
2280 }elseif($smetvar != "" && $isfirstgood){
2281 $txt = $txt." $dentdemo $metvar";
2282 }
2283 if($spftvar != "" && !$isfirstgood) {
2284 $txt = $txt." $pftvar";
2285 $isfirstgood = true;
2286 }elseif($spftvar != "" && $isfirstgood){
2287 $txt = $txt." $dentdemo $pftvar";
2288 }
2289 if($scompvar != "" && !$isfirstgood) {
2290 $txt = $txt." $compvar";
2291 $isfirstgood = true;
2292 }elseif($scompvar != "" && $isfirstgood){
2293 $txt = $txt." $dentdemo $compvar";
2294 }
2295 if($ssingvar != "" && !$isfirstgood) {
2296 $txt = $txt." $singvar";
2297 $isfirstgood = true;
2298 }elseif($singvar != "" && $isfirstgood){
2299 $txt = $txt." $dentdemo $singvar";
2300 }
2301 if($sremparvar != "" && !$isfirstgood) {
2302 $txt = $txt." $remparvar";
2303 $isfirstgood = true;
2304 }elseif($sremparvar != "" && $isfirstgood){
2305 $txt = $txt." $dentdemo $remparvar";
2306 }
2307 $txt = $txt." )";
2308 }
2309
2310
2311 if($servdemo != "") {
2312 if($treatinfo == "" && $dentdemo == "") $txt =
2313 $txt." (";
2314 else $txt = $txt." $demo (";
2315 $isfirstgood3 = true;
2316
2317 if($sclvar != "") {
2318 $txt = $txt." $clvar";
2319 }else $isfirstgood3 = false;
2320 if($sc2var != "" && !$isfirstgood3) {
2321 $txt = $txt." $c2var";
2322 $isfirstgood3 = true;
2323 }elseif($sc2var != "" && $isfirstgood3){
2324 $txt = $txt." $servdemo $c2var";
2325 }
2326 if($sc3var != "" && !$isfirstgood3) {
2327 $txt = $txt." $c3var";
2328 $isfirstgood3 = true;
2329 }elseif($sc3var != "" && $isfirstgood3){
2330 $txt = $txt." $servdemo $c3var";
2331 }
2332 if($sc4var != "" && !$isfirstgood3) {
2333 $txt = $txt." $c4var";
2334 $isfirstgood3 = true;
2335 }elseif($sc4var != "" && $isfirstgood3){
2336 $txt = $txt." $servdemo $c4var";
2337 }
2338 if($sc5var != "" && !$isfirstgood3) {
2339 $txt = $txt." $c5var";
2340 $isfirstgood3 = true;
2341 }elseif($sc5var != "" && $isfirstgood3){
2342 $txt = $txt." $servdemo $c5var";
2343 }
2344 if($solvar != "" && !$isfirstgood3) {
2345 $txt = $txt." $solvar";
2346 $isfirstgood3 = true;
2347 }elseif($solvar != "" && $isfirstgood3){
2348 $txt = $txt." $servdemo $solvar";
2349 }
2350 if($sexvar != "" && !$isfirstgood3) {
2351 $txt = $txt." $sexvar";
2352 $isfirstgood3 = true;
2353 }elseif($sexvar != "" && $isfirstgood3){
2354 $txt = $txt." $servdemo $sexvar";
2355 }
2356 if($sodvar != "" && !$isfirstgood3) {
2357 $txt = $txt." $odvar";
2358 $isfirstgood3 = true;
2359 }elseif($sodvar != "" && $isfirstgood3){
2360 $txt = $txt." $servdemo $odvar";
2361 }
2362 if($scvar != "" && !$isfirstgood3) {
2363 $txt = $txt." $cvar";
2364 $isfirstgood3 = true;
2365 }elseif($scvar != "" && $isfirstgood3){
2366 $txt = $txt." $servdemo $cvar";
2367 }
2368 if($psvar != "" && !$isfirstgood3) {
2369 $txt = $txt." $psvar";
2370 $isfirstgood3 = true;
2371 }elseif($psvar != "" && $isfirstgood3){
2372 $txt = $txt." $servdemo $psvar";
2373 }
2374 if($srcvar != "" && !$isfirstgood3) {
2375 $txt = $txt." $rcvar";
2376 $isfirstgood3 = true;
2377 }elseif($srcvar != "" && $isfirstgood3){
2378 $txt = $txt." $servdemo $rcvar";
2379 }
2380 if($stfvar != "" && !$isfirstgood3) {
2381 $txt = $txt." $tfvar";
2382 $isfirstgood3 = true;
2383 }elseif($stfvar != "" && $isfirstgood3){
2384 $txt = $txt." $servdemo $tfvar";
2385 }
2386 if($slmvar != "" && !$isfirstgood3) {
2387 $txt = $txt." $lmvar";
2388 $isfirstgood3 = true;
2389 }elseif($slmvar != "" && $isfirstgood3){
2390 $txt = $txt." $servdemo $lmvar";
2391 }
2392 if($sanvar != "" && !$isfirstgood3) {
2393 $txt = $txt." $anvar";
2394 $isfirstgood3 = true;
2395 }elseif($sanvar != "" && $isfirstgood3){
2396 $txt = $txt." $servdemo $anvar";
2397 }
2398 if($spovar != "" && !$isfirstgood3) {
2399 $txt = $txt." $povar";
2400 $isfirstgood3 = true;
2401 }elseif($spovar != "" && $isfirstgood3){
2402 $txt = $txt." $servdemo $povar";
2403 }
2404 if($sbsvar != "" && !$isfirstgood3) {
2405 $txt = $txt." $bsvar";
2406 $isfirstgood3 = true;
2407 }elseif($sbsvar != "" && $isfirstgood3){
2408 $txt = $txt." $servdemo $bsvar";
2409 }
2410 if($sivar != "" && !$isfirstgood3) {
2411 $txt = $txt." $ivar";
2412 $isfirstgood3 = true;
2413 }elseif($sivar != "" && $isfirstgood3){
2414 $txt = $txt." $servdemo $ivar";
2415 }
2416 if($smopdvar != "" && !$isfirstgood3) {
2417 $txt = $txt." $mopdvar";
2418 $isfirstgood3 = true;
2419 }elseif($smopdvar != "" && $isfirstgood3){
2420 $txt = $txt." $servdemo $mopdvar";
2421 }
2422 if($spedovar != "" && !$isfirstgood3) {
2423 $txt = $txt." $pedovar";
2424 $isfirstgood3 = true;
2425 }elseif($spedovar != "" && $isfirstgood3){
2426 $txt = $txt." $servdemo $pedovar";
2427 }
2428 if($sorthovar != "" && !$isfirstgood3) {
2429 $txt = $txt." $orthovar";
2430 $isfirstgood3 = true;
2431 }elseif($sorthovar != "" && $isfirstgood3){
2432 $txt = $txt." $servdemo $orthovar";
2433 }
2434 if($smoaivar != "" && !$isfirstgood3) {
2435 $txt = $txt." $moaivar";
2436 $isfirstgood3 = true;
2437 }elseif($smoaivar != "" && $isfirstgood3){
2438 $txt = $txt." $servdemo $moaivar";
2439 }
2440 if($smotivar != "" && !$isfirstgood3) {
2441 $txt = $txt." $motivar";
2442 $isfirstgood3 = true;
2443 }elseif($smotivar != "" && $isfirstgood3){
2444 $txt = $txt." $servdemo $motivar";
2445 }
2446 $txt = $txt." )";
2447 }
2448 $txt = $txt." )";
2449
2450 $query = $this->db->query($txt);
2451 }
2452 }
2453 else{
2454 if($spatinfo != ""){
2455 $txt = "SELECT * FROM patient, $patinfo WHERE
2456 patient.UPCD.ID = patientinfo.UPCD.ID AND
2457 $gender AND patient.age >= $agefrom AND
2458 patient.age <= $ageto $citys $occs";
2459
2460 $query = $this->db->query($txt);
2461 }
2462 }
2463 }

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```

2460 $txt = "SELECT * FROM patient WHERE $gender
      AND patient.age >= $agefrom AND patient.age
      <= $ageto $citys";
2461 $query = $this->db->query($txt);
2462 }
2463 }
2464 }
2465 if($query -> num_rows() >= 1)
2466 {
2467     return $query->result_array();
2468 }
2469 else
2470 {
2471     return false;
2472 }
2473 }
2474 }
2475 }
2476 function getGenderCount($gender, $datefrom, $dateto){
2477     $this -> db -> select('*');
2478     $this -> db -> from('patient');
2479     $this->db->where('gender', $gender);
2480     $this->db->where('date >=', $datefrom);
2481     $this->db->where('date <=', $dateto);
2482 }
2483 $query = $this -> db -> get();
2484 }
2485 if($query -> num_rows() >= 1)
2486 {
2487     return $query->result_array();
2488 }
2489 else
2490 {
2491     return false;
2492 }
2493 }
2494 }
2495 }
2496 function searchPatientByAge($agefrom, $ageto){
2497     $this->db->select('*');
2498     $this -> db -> from('patient');
2499     $this->db->where('age >=', $agefrom);
2500     $this->db->where('age <=', $ageto);
2501 }
2502 $query = $this -> db -> get();
2503 }
2504 if($query -> num_rows() >= 1)
2505 {
2506     return $query->result_array();
2507 }
2508 else
2509 {
2510     return false;
2511 }
2512 }
2513 }
2514 function searchPatientByDate($datefrom, $dateto){
2515     $this->db->select('*');
2516     $this -> db -> from('patient');
2517     $this->db->where('date >=', $datefrom);
2518     $this->db->where('date <=', $dateto);
2519 }
2520 $query = $this -> db -> get();
2521 }
2522 if($query -> num_rows() >= 1)
2523 {
2524     return $query->result_array();
2525 }
2526 else
2527 {
2528     return false;
2529 }
2530 }
2531 }
2532 function searchForStatistics ($datefrom, $dateto, $agefrom
, $ageto, $city, $perio, $rpd, $ortho, $os, $fpd,
$pedo, $endo, $cd, $resto, $caries, $extrusion,
$compdent, $impacted, $recurrent, $intrusion,
$singdent, $missing, $restoration, $mdr,
$rempardent, $acr, $pftm, $ddr, $pafs, $metcr,
$rot, $rct, $pcc, $extracted, $unerupted, $porcr,
$class1, $class2, $class3, $class4, $class5, $onlay
, $extraction, $odon, $specclass, $pedodontics,
$orthodontics, $pulpd, $roc, $stemfill, $mpod,
$moai, $moti, $lamedent, $completedenture,
$anterior, $singlecrown, $posterior, $bridge,
$singledenture, $removablepartialdenture, $demo,
$dentdemo, $servdemo){
2533 }
2534 $gender = "(patient.gender = 'Male' OR patient.gender
      = 'Female')";
2535 }
2536 }
2537 $scarvar = "";
2538 $recvar = "";
2539 $resvar = "";
2540 $impvar = "";
2541 $extvar = "";
2542 $intvar = "";
2543 $sinvar = "";
2544 $misvar = "";
2545 $mdrvar = "";
2546 $remvar = "";
2547 $acrvar = "";
2548 $pftvar = "";
2549 $ddrvar = "";
2550 $pafvar = "";
2551 $metvar = "";
2552 $rotvar = "";
2553 $rctvar = "";
2554 $pccvar = "";
2555 $exrvar = "";
2556 $sunevar = "";
2557 $porvar = "";
2558 }
2559 $patinfo = "";
2560 $treatinfo = "";
2561 $dentinfo = "";
2562 $scarinfo = "";
2563 $recinfo = "";
2564 $resinfo = "";
2565 $servinfo = "";
2566 $otherinfo = "";
2567 }
2568 $occs = "";
2569 $perios = "";
2570 $rpds = "";
2571 $orthos = "";
2572 $oss = "";
2573 $fpds = "";
2574 $pedos = "";
2575 $endos = "";
2576 $cds = "";
2577 $restos = "";
2578 }
2579 $c1var = "";
2580 $c2var = "";
2581 $c3var = "";
2582 $c4var = "";
2583 $c5var = "";
2584 $solvar = "";
2585 $sexvar = "";
2586 $odvar = "";
2587 $scvar = "";
2588 $pdvar = "";
2589 $orvar = "";
2590 $psvar = "";
2591 $rcvar = "";
2592 $tfvar = "";
2593 $lmvar = "";
2594 $anvar = "";
2595 $sivar = "";
2596 $povar = "";
2597 $bsvar = "";
2598 }
2599 $compvar = "";
2600 $singvar = "";
2601 $remparvar = "";
2602 $mpodvar = "";
2603 $pedovar = "";
2604 $orthovar = "";
2605 $moaivar = "";
2606 $motivar = "";
2607 }
2608 $citys = "";
2609 }
2610 if($city != ""){
2611     $citys = "AND patient.city = '$city'";
2612 }
2613 }
2614 }
2615 if($perio != ''){
2616     $perios = "treatmentplan.perio='$perio'";
2617     $treatinfo = "treatmentplan";
2618 }
2619 if($rpd != ''){
2620     $rpds = "treatmentplan.rpd='$rpd'";
2621     $treatinfo = "treatmentplan";
2622 }
2623 if($resto != ''){
2624     $restos = "treatmentplan.resto='$resto'";
2625     $treatinfo = "treatmentplan";
2626 }
2627 if($endo != ''){
2628     $endos = "treatmentplan.endo='$endo'";
2629     $treatinfo = "treatmentplan";
2630 }
2631 if($ortho != ''){
2632     $orthos = "treatmentplan.ortho='$ortho'";
2633     $treatinfo = "treatmentplan";
2634 }
2635 if($os != ''){
2636     $oss = "treatmentplan.os='$os'";
2637     $treatinfo = "treatmentplan";
2638 }
2639 if($cd != ''){
2640     $cds = "treatmentplan.cd='$cd'";
2641     $treatinfo = "treatmentplan";

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2642 }
2643 if($fpd != ''){
2644   $fpds = "treatmentplan.fpd='$fpd'";
2645   $treatinfo = "treatmentplan";
2646 }
2647 if($pedo != ''){
2648   $pedos = "treatmentplan.pedo='$pedo'";
2649   $treatinfo = "treatmentplan";
2650 }
2651 }
2652 if($caries == "Yes") {
2653   $carvar = "(cariesstatus.distal_caries != ' ' OR
cariesstatus.mesial_caries != ' ' OR cariesstatus.
buccal_caries != ' ' OR cariesstatus.
occlusal_caries != ' ' OR cariesstatus.
lingual_caries != ' ' )";
2654   $carinfo = "cariesstatus";
2655 }
2656 if($recurrent == "Yes") {
2657   $recvar = "(recurrentstatus.distal_recurrent != ' ' OR
recurrentstatus.mesial_recurrent != ' ' OR
recurrentstatus.buccal_recurrent != ' ' OR
recurrentstatus.occlusal_recurrent != ' ' OR
recurrentstatus.lingual_recurrent != ' ' )";
2658   $recinfo = "recurrentstatus";
2659 }
2660 if($restoration == "Yes") {
2661   $resvar = "(restorationstatus.distal_restoration != ' '
OR restorationstatus.mesial_restoration != ' '
OR restorationstatus.buccal_restoration != ' '
OR restorationstatus.occlusal_restoration != ' '
OR restorationstatus.lingual_restoration != ' ' )"
;
2662   $resinfo = "restorationstatus";
2663 }
2664 }
2665 if($impacted == "Yes") {
2666   $impvar = "dentalchart.impactd != ' '";
2667   $dentinfo = "dentalchart";
2668 }
2669 if($extrusion == "Yes") {
2670   $extvar = "dentalchart.extrusion != ' '";
2671   $dentinfo = "dentalchart";
2672 }
2673 if($intrusion == "Yes") {
2674   $intvar = "dentalchart.intrusion != ' '";
2675   $dentinfo = "dentalchart";
2676 }
2677 /*if($singdent == "Yes") {
2678   $sintvar = "dentalchart.intrusion != ' '";
2679   $dentinfo = "dentalchart, ";
2680 }*/
2681 if($missing == "Yes") {
2682   $misvar = "dentalchart.missing != ' '";
2683   $dentinfo = "dentalchart";
2684 }
2685 if($mdr == "Yes") {
2686   $mdrvar = "dentalchart.mesial_rotation != ' '";
2687   $dentinfo = "dentalchart";
2688 }
2689 if($acr == "Yes") {
2690   $acrvar = "dentalchart.acrylic_crown != ' '";
2691   $dentinfo = "dentalchart";
2692 }
2693 if($pftm == "Yes") {
2694   $pftvar = "dentalchart.porcelain_fused != ' '";
2695   $dentinfo = "dentalchart";
2696 }
2697 if($ddr == "Yes") {
2698   $ddrvar = "dentalchart.distal_rotation != ' '";
2699   $dentinfo = "dentalchart";
2700 }
2701 if($pafs == "Yes") {
2702   $pafvar = "dentalchart.pitfissure_sealants != ' '";
2703   $dentinfo = "dentalchart";
2704 }
2705 if($metcr == "Yes") {
2706   $metvar = "dentalchart.metal_crown != ' '";
2707   $dentinfo = "dentalchart";
2708 }
2709 if($rot == "Yes") {
2710   $rotvar = "dentalchart.rotation != ' '";
2711   $dentinfo = "dentalchart";
2712 }
2713 if($rct == "Yes") {
2714   $rctvar = "dentalchart.rootcanal_treatment != ' '";
2715   $dentinfo = "dentalchart";
2716 }
2717 if($pcc == "Yes") {
2718   $pccvar = "dentalchart.postcore_crown != ' '";
2719   $dentinfo = "dentalchart";
2720 }
2721 if($extracted == "Yes") {
2722   $exrvar = "dentalchart.extracted != ' '";
2723   $dentinfo = "dentalchart";
2724 }
2725 if($unerupted == "Yes") {
2726   $sunevar = "dentalchart.unerupted != ' '";
2727   $dentinfo = "dentalchart";
2728 }
2729 }
2730 if($porcr == "Yes") {
2731   $porvar = "dentalchart.porcelain_crown != ' '";
2732   $dentinfo = "dentalchart";
2733 }
2734 if($compdent == "Yes") {
2735   $compvar = "otherservices.completedenture = 'Yes'";
2736   $sotherinfo = "otherservices";
2737 }
2738 if($singdent == "Yes") {
2739   $singvar = "otherservices.singledenture = 'Yes'";
2740   $sotherinfo = "otherservices";
2741 }
2742 if($rempardent == "Yes") {
2743   $rempvar = "otherservices.removablepartialdenture =
'Yes'";
2744   $sotherinfo = "otherservices";
2745 }
2746 if($pedodontics == "Yes") {
2747   $pedovar = "otherservices.pedodontics = 'Yes'";
2748   $sotherinfo = "otherservices";
2749 }
2750 if($orthodontics == "Yes") {
2751   $orthovar = "otherservices.orthodontics = 'Yes'";
2752   $sotherinfo = "otherservices";
2753 }
2754 if($mopd == "Yes") {
2755   $mopdvar = "otherservices.periodontics = 'Yes'";
2756   $sotherinfo = "otherservices";
2757 }
2758 if($moai == "Yes") {
2759   $moaivar = "otherservices.acuteinfections = 'Yes'";
2760   $sotherinfo = "otherservices";
2761 }
2762 if($moti == "Yes") {
2763   $motivar = "otherservices.traumaticinjuries = 'Yes'";
2764   $sotherinfo = "otherservices";
2765 }
2766 }
2767 if($class1 == "Yes") {
2768   $cl1var = "serviceneeded.class1 != ' '";
2769   $servinfo = "serviceneeded";
2770 }
2771 if($class2 == "Yes") {
2772   $cl2var = "serviceneeded.class2 != ' '";
2773   $servinfo = "serviceneeded";
2774 }
2775 if($class3 == "Yes") {
2776   $cl3var = "serviceneeded.class3 != ' '";
2777   $servinfo = "serviceneeded";
2778 }
2779 if($class4 == "Yes") {
2780   $cl4var = "serviceneeded.class4 != ' '";
2781   $servinfo = "serviceneeded";
2782 }
2783 if($class5 == "Yes") {
2784   $cl5var = "serviceneeded.class5 != ' '";
2785   $servinfo = "serviceneeded";
2786 }
2787 if($onlay == "Yes") {
2788   $olvar = "serviceneeded.onlay != ' '";
2789   $servinfo = "serviceneeded";
2790 }
2791 if($extracted == "Yes") {
2792   $exvar = "serviceneeded.extraction != ' '";
2793   $servinfo = "serviceneeded";
2794 }
2795 if($odon == "Yes") {
2796   $odvar = "serviceneeded.odontectomy != ' '";
2797   $servinfo = "serviceneeded";
2798 }
2799 if($specclass == "Yes") {
2800   $scvar = "serviceneeded.special_case != ' '";
2801   $servinfo = "serviceneeded";
2802 }
2803 if($pulsed == "Yes") {
2804   $psvar = "serviceneeded.pulp_sedation != ' '";
2805   $servinfo = "serviceneeded";
2806 }
2807 if($roc == "Yes") {
2808   $rcvar = "serviceneeded.crown_recementation != ' '";
2809   $servinfo = "serviceneeded";
2810 }
2811 if($stemfill == "Yes") {
2812   $tfvar = "serviceneeded.filling_service != ' '";
2813   $servinfo = "serviceneeded";
2814 }
2815 if($lamed == "Yes") {
2816   $lmvar = "serviceneeded.laminated != ' '";
2817   $servinfo = "serviceneeded";
2818 }
2819 if($anterior == "Yes") {
2820   $anvar = "serviceneeded.anterior != ' '";
2821   $servinfo = "serviceneeded";
2822 }
2823 if($singlecrown == "Yes") {
2824   $sivar = "serviceneeded.single_crown != ' '";
2825   $servinfo = "serviceneeded";

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2826 }
2827 if($posterior == "Yes") {
2828     $povar = "serviceneeded.posterior != ' '";
2829     $servinfo = "serviceneeded";
2830 }
2831 if($bridge == "Yes") {
2832     $bsvar = "serviceneeded.bridge_service != ' '";
2833     $servinfo = "serviceneeded";
2834 }
2835 $query = "";
2836
2837 if($demo == "or" || $demo == "and"){
2838     $txt = "SELECT * FROM patient";
2839     if($patinfo != "") $txt = $txt.", $patinfo";
2840     if($treatinfo != "") $txt = $txt.", $treatinfo";
2841     if($dentdemo == "" && $servdemo == ""){
2842         $isfirstgood4 = true;
2843     }
2844     if($patinfo != "") $txt = $txt." WHERE patient.
2845         UPCD_ID = patientinfo.UPCD_ID ";
2846     else $isfirstgood4 = false;
2847     if($treatinfo != "" && !$isfirstgood4) {
2848         $txt = $txt." WHERE patient.UPCD_ID =
2849             treatmentplan.UPCD_ID ";
2850         $isfirstgood4 = true;
2851     }
2852     else $txt = $txt." AND patient.UPCD_ID =
2853         treatmentplan.UPCD_ID ";
2854
2855     $txt = $txt." AND ($gender AND patient.age >=
2856         Sagefrom AND patient.age <= $ageto $citys
2857         $demo (");
2858
2859     if($treatinfo != ""){
2860         $txt = $txt." (";
2861         $isfirstgood2 = true;
2862
2863         if($perios != "") $txt = $txt." $perios ";
2864         else $isfirstgood2 = false;
2865         if($fpds != "" && !$isfirstgood2) {
2866             $txt = $txt." $fpds ";
2867             $isfirstgood2 = true;
2868         } elseif($fpds != "" && $isfirstgood2){
2869             $txt = $txt." OR $fpds ";
2870         }
2871         if($soss != "" && !$isfirstgood2) {
2872             $txt = $txt." $soss ";
2873             $isfirstgood2 = true;
2874         } elseif($soss != "" && $isfirstgood2){
2875             $txt = $txt." OR $soss ";
2876         }
2877         if($rpds != "" && !$isfirstgood2) {
2878             $txt = $txt." $rpds ";
2879             $isfirstgood2 = true;
2880         } elseif($rpds != "" && $isfirstgood2){
2881             $txt = $txt." OR $rpds ";
2882         }
2883         if($sendos != "" && !$isfirstgood2) {
2884             $txt = $txt." $sendos ";
2885             $isfirstgood2 = true;
2886         } elseif($sendos != "" && $isfirstgood2){
2887             $txt = $txt." OR $sendos ";
2888         }
2889         if($pedos != "" && !$isfirstgood2) {
2890             $txt = $txt." $pedos ";
2891             $isfirstgood2 = true;
2892         } elseif($pedos != "" && $isfirstgood2){
2893             $txt = $txt." OR $pedos ";
2894         }
2895         if($orthos != "" && !$isfirstgood2) {
2896             $txt = $txt." $orthos ";
2897             $isfirstgood2 = true;
2898         } elseif($orthos != "" && $isfirstgood2){
2899             $txt = $txt." OR $orthos ";
2900         }
2901         if($restos != "" && !$isfirstgood2) {
2902             $txt = $txt." $restos ";
2903             $isfirstgood2 = true;
2904         } elseif($restos != "" && $isfirstgood2){
2905             $txt = $txt." OR $restos ";
2906         }
2907         if($scds != "" && !$isfirstgood2) {
2908             $txt = $txt." $scds ";
2909             $isfirstgood2 = true;
2910         } elseif($scds != "" && $isfirstgood2){
2911             $txt = $txt." OR $scds ";
2912         }
2913     }
2914     $query = $this->db->query($txt);
2915 }
2916
2917 }
2918 elseif($dentdemo != "" && $servdemo == ""){
2919
2920     if($dentinfo != "") $txt = $txt.", $dentinfo";
2921     if($sotherinfo != "") $txt = $txt.", $sotherinfo";
2922     if($scarinfo != "") $txt = $txt.", $scarinfo";
2923     if($srecinfo != "") $txt = $txt.", $srecinfo";
2924     if($sresinfo != "") $txt = $txt.", $sresinfo";
2925
2926     $isfirstgood4 = true;
2927     if($patinfo != "") $txt = $txt." WHERE patient.
2928         UPCD_ID = patientinfo.UPCD_ID ";
2929     else $isfirstgood4 = false;
2930     if($treatinfo != "" && !$isfirstgood4) {
2931         $txt = $txt." WHERE patient.UPCD_ID =
2932             treatmentplan.UPCD_ID ";
2933         $isfirstgood4 = true;
2934     }
2935     elseif($treatinfo != "" && $isfirstgood4) $txt = $txt.
2936         " AND patient.UPCD_ID = treatmentplan.
2937         UPCD_ID ";
2938
2939     if($dentinfo != "" && !$isfirstgood4) {
2940         $txt = $txt." WHERE patient.UPCD_ID =
2941             dentalchart.UPCD_ID";
2942         $isfirstgood4 = true;
2943     }
2944     elseif($dentinfo != "" && $isfirstgood4) $txt = $txt.
2945         " AND patient.UPCD_ID = dentalchart.
2946         UPCD_ID";
2947
2948     if($sotherinfo != "" && !$isfirstgood4) {
2949         $txt = $txt." WHERE patient.UPCD_ID =
2950             otherservices.UPCD_ID";
2951         $isfirstgood4 = true;
2952     }
2953     elseif($sotherinfo != "" && $isfirstgood4) $txt = $txt
2954         " AND patient.UPCD_ID = otherservices.
2955         UPCD_ID";
2956
2957     if($scarinfo != "" && !$isfirstgood4) {
2958         $txt = $txt." WHERE patient.UPCD_ID =
2959             cariesstatus.UPCD_ID";
2960         $isfirstgood4 = true;
2961     }
2962     elseif($scarinfo != "" && $isfirstgood4) $txt = $txt."
2963         AND patient.UPCD_ID = cariesstatus.UPCD_ID
2964         ";
2965
2966     if($srecinfo != "" && !$isfirstgood4) {
2967         $txt = $txt." WHERE patient.UPCD_ID =
2968             recurrentstatus.UPCD_ID";
2969         $isfirstgood4 = true;
2970     }
2971     elseif($srecinfo != "" && $isfirstgood4) $txt = $txt."
2972         AND patient.UPCD_ID = recurrentstatus.
2973         UPCD_ID";
2974
2975     if($sresinfo != "" && !$isfirstgood4) {
2976         $txt = $txt." WHERE patient.UPCD_ID =
2977             restorationstatus.UPCD_ID";
2978         $isfirstgood4 = true;
2979     }
2980     elseif($sresinfo != "" && $isfirstgood4) $txt = $txt."
2981         AND patient.UPCD_ID = restorationstatus.
2982         UPCD_ID";
2983
2984     $txt = $txt." AND ($gender AND patient.age >=
2985         Sagefrom AND patient.age <= $ageto $citys
2986         $demo (");
2987     if($treatinfo != ""){
2988         $txt = $txt." (";
2989         $isfirstgood2 = true;
2990
2991         if($perios != "") $txt = $txt." $perios ";
2992         else $isfirstgood2 = false;
2993         if($fpds != "" && !$isfirstgood2) {
2994             $txt = $txt." $fpds ";
2995             $isfirstgood2 = true;
2996         } elseif($fpds != "" && $isfirstgood2){
2997             $txt = $txt." OR $fpds ";
2998         }
2999         if($soss != "" && !$isfirstgood2) {
3000             $txt = $txt." $soss ";
3001             $isfirstgood2 = true;
3002         } elseif($soss != "" && $isfirstgood2){
3003             $txt = $txt." OR $soss ";
3004         }
3005         if($rpds != "" && !$isfirstgood2) {
3006             $txt = $txt." $rpds ";
3007             $isfirstgood2 = true;
3008         } elseif($rpds != "" && $isfirstgood2){
3009             $txt = $txt." OR $rpds ";
3010         }
3011         if($sendos != "" && !$isfirstgood2) {
3012             $txt = $txt." $sendos ";
3013             $isfirstgood2 = true;
3014         } elseif($sendos != "" && $isfirstgood2){
3015             $txt = $txt." OR $sendos ";
3016         }
3017         if($pedos != "" && !$isfirstgood2) {
3018             $txt = $txt." $pedos ";
3019             $isfirstgood2 = true;
3020         } elseif($pedos != "" && $isfirstgood2){
3021             $txt = $txt." OR $pedos ";
3022         }
3023     }
3024 }

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2998     if($orthos != "" && !$isfirstgood2) {
2999         $txt = $txt." $orthos ";
3000         $isfirstgood2 = true;
3001     }elseif($orthos != "" && $isfirstgood2){
3002         $txt = $txt."OR $orthos ";
3003     }
3004     if($restos != "" && !$isfirstgood2) {
3005         $txt = $txt." $restos ";
3006         $isfirstgood2 = true;
3007     }elseif($restos != "" && $isfirstgood2){
3008         $txt = $txt."OR $restos ";
3009     }
3010     if($scds != "" && !$isfirstgood2) {
3011         $txt = $txt." $scds ";
3012         $isfirstgood2 = true;
3013     }elseif($scds != "" && $isfirstgood2){
3014         $txt = $txt."OR $scds ";
3015     }
3016     $txt = $txt." )";
3017 }
3018
3019 if($dentdemo != "") {
3020     if($treatinfo == "") $txt = $txt." (";
3021     else $txt = $txt." $demo (";
3022     $isfirstgood = true;
3023
3024     if($scarvar != "") {
3025         $txt = $txt." $scarvar";
3026     }else $isfirstgood = false;
3027     if($srecvar != "" && !$isfirstgood) {
3028         $txt = $txt." $srecvar";
3029         $isfirstgood = true;
3030     }elseif($srecvar != "" && $isfirstgood){
3031         $txt = $txt." $dentdemo $srecvar";
3032     }
3033     if($sresvar != "" && !$isfirstgood) {
3034         $txt = $txt." $sresvar";
3035         $isfirstgood = true;
3036     }elseif($sresvar != "" && $isfirstgood){
3037         $txt = $txt." $dentdemo $sresvar";
3038     }
3039     if($sxtvar != "" && !$isfirstgood) {
3040         $txt = $txt." $sxtvar";
3041         $isfirstgood = true;
3042     }elseif($sxtvar != "" && $isfirstgood){
3043         $txt = $txt." $dentdemo $sxtvar";
3044     }
3045     if($sintvar != "" && !$isfirstgood) {
3046         $txt = $txt." $sintvar";
3047         $isfirstgood = true;
3048     }elseif($sintvar != "" && $isfirstgood){
3049         $txt = $txt." $dentdemo $sintvar";
3050     }
3051     if($smdrvar != "" && !$isfirstgood) {
3052         $txt = $txt." $smdrvar";
3053         $isfirstgood = true;
3054     }elseif($smdrvar != "" && $isfirstgood){
3055         $txt = $txt." $dentdemo $smdrvar";
3056     }
3057     if($sddrvar != "" && !$isfirstgood) {
3058         $txt = $txt." $sddrvar";
3059         $isfirstgood = true;
3060     }elseif($sddrvar != "" && $isfirstgood){
3061         $txt = $txt." $dentdemo $sddrvar";
3062     }
3063     if($srotvar != "" && !$isfirstgood) {
3064         $txt = $txt." $srotvar";
3065         $isfirstgood = true;
3066     }elseif($srotvar != "" && $isfirstgood){
3067         $txt = $txt." $dentdemo $srotvar";
3068     }
3069     if($spccvar != "" && !$isfirstgood) {
3070         $txt = $txt." $spccvar";
3071         $isfirstgood = true;
3072     }elseif($spccvar != "" && $isfirstgood){
3073         $txt = $txt." $dentdemo $spccvar";
3074     }
3075     if($srctvar != "" && !$isfirstgood) {
3076         $txt = $txt." $srctvar";
3077         $isfirstgood = true;
3078     }elseif($srctvar != "" && $isfirstgood){
3079         $txt = $txt." $dentdemo $srctvar";
3080     }
3081     if($spafvar != "" && !$isfirstgood) {
3082         $txt = $txt." $spafvar";
3083         $isfirstgood = true;
3084     }elseif($spafvar != "" && $isfirstgood){
3085         $txt = $txt." $dentdemo $spafvar";
3086     }
3087     if($sexrvar != "" && !$isfirstgood) {
3088         $txt = $txt." $sexrvar";
3089         $isfirstgood = true;
3090     }elseif($sexrvar != "" && $isfirstgood){
3091         $txt = $txt." $dentdemo $sexrvar";
3092     }
3093     if($smisvar != "" && !$isfirstgood) {
3094         $txt = $txt." $smisvar";
3095         $isfirstgood = true;
3096
3097     }elseif($smisvar != "" && $isfirstgood){
3098         $txt = $txt." $dentdemo $smisvar";
3099     }
3100     if($sunevar != "" && !$isfirstgood) {
3101         $txt = $txt." $sunevar";
3102         $isfirstgood = true;
3103     }elseif($sunevar != "" && $isfirstgood){
3104         $txt = $txt." $dentdemo $sunevar";
3105     }
3106     if($simpvar != "" && !$isfirstgood) {
3107         $txt = $txt." $simpvar";
3108         $isfirstgood = true;
3109     }elseif($simpvar != "" && $isfirstgood){
3110         $txt = $txt." $dentdemo $simpvar";
3111     }
3112     if($sporvar != "" && !$isfirstgood) {
3113         $txt = $txt." $sporvar";
3114         $isfirstgood = true;
3115     }elseif($sporvar != "" && $isfirstgood){
3116         $txt = $txt." $dentdemo $sporvar";
3117     }
3118     if($sacrvr != "" && !$isfirstgood) {
3119         $txt = $txt." $sacrvr";
3120         $isfirstgood = true;
3121     }elseif($sacrvr != "" && $isfirstgood){
3122         $txt = $txt." $dentdemo $sacrvr";
3123     }
3124     if($smetvar != "" && !$isfirstgood) {
3125         $txt = $txt." $smetvar";
3126         $isfirstgood = true;
3127     }elseif($smetvar != "" && $isfirstgood){
3128         $txt = $txt." $dentdemo $smetvar";
3129     }
3130     if($spftvar != "" && !$isfirstgood) {
3131         $txt = $txt." $spftvar";
3132         $isfirstgood = true;
3133     }elseif($spftvar != "" && $isfirstgood){
3134         $txt = $txt." $dentdemo $spftvar";
3135     }
3136     if($scompvar != "" && !$isfirstgood) {
3137         $txt = $txt." $scompvar";
3138         $isfirstgood = true;
3139     }elseif($scompvar != "" && $isfirstgood){
3140         $txt = $txt." $dentdemo $scompvar";
3141     }
3142     if($ssingvar != "" && !$isfirstgood) {
3143         $txt = $txt." $ssingvar";
3144         $isfirstgood = true;
3145     }elseif($ssingvar != "" && $isfirstgood){
3146         $txt = $txt." $dentdemo $ssingvar";
3147     }
3148     if($sreparvar != "" && !$isfirstgood) {
3149         $txt = $txt." $sreparvar";
3150         $isfirstgood = true;
3151     }elseif($sreparvar != "" && $isfirstgood){
3152         $txt = $txt." $dentdemo $sreparvar";
3153     }
3154     $txt = $txt." )";
3155 }
3156 $txt = $txt." )";
3157
3158 $query = $this->db->query($txt);
3159
3160 }elseif($dentdemo == "" && $servdemo != ""){
3161
3162     if($servinfo != "") $txt = $txt." , $servinfo";
3163     if($sotherinfo != "") $txt = $txt." , $sotherinfo";
3164     $isfirstgood4 = true;
3165
3166     if($spatinfo != "") $txt = $txt." WHERE patient.
3167         UPCD_ID = patientinfo.UPCD_ID ";
3168     else $isfirstgood4 = false;
3169     if($treatinfo != "" && !$isfirstgood4) {
3170         $txt = $txt." WHERE patient.UPCD_ID =
3171             treatmentplan.UPCD_ID ";
3172         $isfirstgood4 = true;
3173     }
3174     elseif($treatinfo != "" && $isfirstgood4) $txt = $txt.
3175         " AND patient.UPCD_ID = treatmentplan.
3176         UPCD_ID ";
3177
3178     if($servinfo != "" && !$isfirstgood4) {
3179         $txt = $txt." WHERE patient.UPCD_ID =
3180             serviceneeded.UPCD_ID";
3181         $isfirstgood4 = true;
3182     }
3183     elseif($servinfo != "" && $isfirstgood4) $txt = $txt."
3184         AND patient.UPCD_ID = serviceneeded.
3185         UPCD_ID";
3186
3187     if($sotherinfo != "" && !$isfirstgood4) {
3188         $txt = $txt." WHERE patient.UPCD_ID =
3189             otherservices.UPCD_ID";
3190         $isfirstgood4 = true;
3191     }
3192     elseif($sotherinfo != "" && $isfirstgood4) $txt = $txt.
3193         " AND patient.UPCD_ID = otherservices.
3194         UPCD_ID";
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3186     $txt = $txt." AND ($gender AND patient.age >=
3187         Sagefrom AND patient.age <= $ageto Scity5
3188         $demo (");
3189     if($treatinfo != ""){
3190         $txt = $txt." (";
3191         $isfirstgood2 = true;
3192
3193         if($perios != "") $txt = $txt." $perios ";
3194     else $isfirstgood2 = false;
3195     if($fpds != "" && !$isfirstgood2) {
3196         $txt = $txt." $fpds ";
3197         $isfirstgood2 = true;
3198     }elseif($fpds != "" && $isfirstgood2){
3199         $txt = $txt." OR $fpds ";
3200     }
3201     if($oss != "" && !$isfirstgood2) {
3202         $txt = $txt." $oss ";
3203         $isfirstgood2 = true;
3204     }elseif($oss != "" && $isfirstgood2){
3205         $txt = $txt."OR $oss ";
3206     }
3207     if($rpds != "" && !$isfirstgood2) {
3208         $txt = $txt." $rpds ";
3209         $isfirstgood2 = true;
3210     }elseif($rpds != "" && $isfirstgood2){
3211         $txt = $txt."OR $rpds ";
3212     }
3213     if($sendos != "" && !$isfirstgood2) {
3214         $txt = $txt." $sendos ";
3215         $isfirstgood2 = true;
3216     }elseif($sendos != "" && $isfirstgood2){
3217         $txt = $txt."OR $sendos ";
3218     }
3219     if($pedos != "" && !$isfirstgood2) {
3220         $txt = $txt." $pedos ";
3221         $isfirstgood2 = true;
3222     }elseif($pedos != "" && $isfirstgood2){
3223         $txt = $txt."OR $pedos ";
3224     }
3225     if($orthos != "" && !$isfirstgood2) {
3226         $txt = $txt." $orthos ";
3227         $isfirstgood2 = true;
3228     }elseif($orthos != "" && $isfirstgood2){
3229         $txt = $txt."OR $orthos ";
3230     }
3231     if($restos != "" && !$isfirstgood2) {
3232         $txt = $txt." $restos ";
3233         $isfirstgood2 = true;
3234     }elseif($restos != "" && $isfirstgood2){
3235         $txt = $txt."OR $restos ";
3236     }
3237     if($scds != "" && !$isfirstgood2) {
3238         $txt = $txt." $scds ";
3239         $isfirstgood2 = true;
3240     }elseif($scds != "" && $isfirstgood2){
3241         $txt = $txt."OR $scds ";
3242     }
3243     $txt = $txt." )";
3244 }
3245
3246 if($servdemo != "") {
3247     if($treatinfo == "") $txt = $txt." (";
3248     else $txt = $txt." $demo (";
3249     $isfirstgood3 = true;
3250
3251     if($c1var != "") {
3252         $txt = $txt." $c1var";
3253     }else $isfirstgood3 = false;
3254     if($c2var != "" && !$isfirstgood3) {
3255         $txt = $txt." $c2var";
3256         $isfirstgood3 = true;
3257     }elseif($c2var != "" && $isfirstgood3){
3258         $txt = $txt." $servdemo $c2var";
3259     }
3260     if($c3var != "" && !$isfirstgood3) {
3261         $txt = $txt." $c3var";
3262         $isfirstgood3 = true;
3263     }elseif($c3var != "" && $isfirstgood3){
3264         $txt = $txt." $servdemo $c3var";
3265     }
3266     if($c4var != "" && !$isfirstgood3) {
3267         $txt = $txt." $c4var";
3268         $isfirstgood3 = true;
3269     }elseif($c4var != "" && $isfirstgood3){
3270         $txt = $txt." $servdemo $c4var";
3271     }
3272     if($c5var != "" && !$isfirstgood3) {
3273         $txt = $txt." $c5var";
3274         $isfirstgood3 = true;
3275     }elseif($c5var != "" && $isfirstgood3){
3276         $txt = $txt." $servdemo $c5var";
3277     }
3278     if($solvar != "" && !$isfirstgood3) {
3279         $txt = $txt." $solvar";
3280         $isfirstgood3 = true;
3281     }elseif($solvar != "" && $isfirstgood3){
3282         $txt = $txt." $servdemo $solvar";
3283     }
3284     if($sexvar != "" && !$isfirstgood3) {
3285         $txt = $txt." $sexvar";
3286         $isfirstgood3 = true;
3287     }elseif($sexvar != "" && $isfirstgood3){
3288         $txt = $txt." $servdemo $sexvar";
3289     }
3290     if($sodvar != "" && !$isfirstgood3) {
3291         $txt = $txt." $sodvar";
3292         $isfirstgood3 = true;
3293     }elseif($sodvar != "" && $isfirstgood3){
3294         $txt = $txt." $servdemo $sodvar";
3295     }
3296     if($scvar != "" && !$isfirstgood3) {
3297         $txt = $txt." $scvar";
3298         $isfirstgood3 = true;
3299     }elseif($scvar != "" && $isfirstgood3){
3300         $txt = $txt." $servdemo $scvar";
3301     }
3302     if($psvar != "" && !$isfirstgood3) {
3303         $txt = $txt." $psvar";
3304         $isfirstgood3 = true;
3305     }elseif($psvar != "" && $isfirstgood3){
3306         $txt = $txt." $servdemo $psvar";
3307     }
3308     if($rcvar != "" && !$isfirstgood3) {
3309         $txt = $txt." $rcvar";
3310         $isfirstgood3 = true;
3311     }elseif($rcvar != "" && $isfirstgood3){
3312         $txt = $txt." $servdemo $rcvar";
3313     }
3314     if($tfvar != "" && !$isfirstgood3) {
3315         $txt = $txt." $tfvar";
3316         $isfirstgood3 = true;
3317     }elseif($tfvar != "" && $isfirstgood3){
3318         $txt = $txt." $servdemo $tfvar";
3319     }
3320     if($lmvar != "" && !$isfirstgood3) {
3321         $txt = $txt." $lmvar";
3322         $isfirstgood3 = true;
3323     }elseif($lmvar != "" && $isfirstgood3){
3324         $txt = $txt." $servdemo $lmvar";
3325     }
3326     if($anvar != "" && !$isfirstgood3) {
3327         $txt = $txt." $anvar";
3328         $isfirstgood3 = true;
3329     }elseif($anvar != "" && $isfirstgood3){
3330         $txt = $txt." $servdemo $anvar";
3331     }
3332     if($povar != "" && !$isfirstgood3) {
3333         $txt = $txt." $povar";
3334         $isfirstgood3 = true;
3335     }elseif($povar != "" && $isfirstgood3){
3336         $txt = $txt." $servdemo $povar";
3337     }
3338     if($bsvar != "" && !$isfirstgood3) {
3339         $txt = $txt." $bsvar";
3340         $isfirstgood3 = true;
3341     }elseif($bsvar != "" && $isfirstgood3){
3342         $txt = $txt." $servdemo $bsvar";
3343     }
3344     if($sivar != "" && !$isfirstgood3) {
3345         $txt = $txt." $sivar";
3346         $isfirstgood3 = true;
3347     }elseif($sivar != "" && $isfirstgood3){
3348         $txt = $txt." $servdemo $sivar";
3349     }
3350     if($mopdvar != "" && !$isfirstgood3) {
3351         $txt = $txt." $mopdvar";
3352         $isfirstgood3 = true;
3353     }elseif($mopdvar != "" && $isfirstgood3){
3354         $txt = $txt." $servdemo $mopdvar";
3355     }
3356     if($pedovar != "" && !$isfirstgood3) {
3357         $txt = $txt." $pedovar";
3358         $isfirstgood3 = true;
3359     }elseif($pedovar != "" && $isfirstgood3){
3360         $txt = $txt." $servdemo $pedovar";
3361     }
3362     if($orthovar != "" && !$isfirstgood3) {
3363         $txt = $txt." $orthovar";
3364         $isfirstgood3 = true;
3365     }elseif($orthovar != "" && $isfirstgood3){
3366         $txt = $txt." $servdemo $orthovar";
3367     }
3368     if($moaivar != "" && !$isfirstgood3) {
3369         $txt = $txt." $moaivar";
3370         $isfirstgood3 = true;
3371     }elseif($moaivar != "" && $isfirstgood3){
3372         $txt = $txt." $servdemo $moaivar";
3373     }
3374     if($motivar != "" && !$isfirstgood3) {
3375         $txt = $txt." $motivar";
3376         $isfirstgood3 = true;
3377     }elseif($motivar != "" && $isfirstgood3){
3378         $txt = $txt." $servdemo $motivar";
3379     }
3380     $txt = $txt." )";
3381 }

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3382 $query = $this->db->query($txt);
3383
3384 }elseif($dentdemo != "" && $servdemo != ""){
3385 if($dentinfo != "") $txt = $txt.", $dentinfo";
3386 if($sotherinfo != "") $txt = $txt.", $sotherinfo";
3387 if($scarinfo != "") $txt = $txt.", $scarinfo";
3388 if($recinfo != "") $txt = $txt.", $recinfo";
3389 if($resinfo != "") $txt = $txt.", $resinfo";
3390 if($servinfo != "") $txt = $txt.", $servinfo";
3391
3392 $isfirstgood4 = true;
3393
3394 if($patinfo != "") $txt = $txt." WHERE patient.
3395     UPCD_ID = patientinfo.UPCD_ID ";
3396 else $isfirstgood4 = false;
3397
3398 $isfirstgood4 = true;
3399 if($patinfo != "") $txt = $txt." WHERE patient.
3400     UPCD_ID = patientinfo.UPCD_ID ";
3401 else $isfirstgood4 = false;
3402
3403 if($treatinfo != "" && !$isfirstgood4) {
3404 $txt = $txt." WHERE patient.UPCD_ID =
3405     treatmentplan.UPCD_ID ";
3406     $isfirstgood4 = true;
3407 }
3408 elseif($treatinfo != "" && $isfirstgood4) $txt = $txt.
3409     " AND patient.UPCD_ID = treatmentplan.
3410     UPCD_ID ";
3411
3412 if($dentinfo != "" && !$isfirstgood4) {
3413 $txt = $txt." WHERE patient.UPCD_ID =
3414     dentalchart.UPCD_ID";
3415     $isfirstgood4 = true;
3416 }
3417 elseif($dentinfo != "" && $isfirstgood4) $txt = $txt.
3418     " AND patient.UPCD_ID = dentalchart.UPCD_ID
3419     ";
3420
3421 if($sotherinfo != "" && !$isfirstgood4) {
3422 $txt = $txt." WHERE patient.UPCD_ID =
3423     otherservices.UPCD_ID";
3424     $isfirstgood4 = true;
3425 }
3426 elseif($sotherinfo != "" && $isfirstgood4) $txt = $txt.
3427     " AND patient.UPCD_ID = otherservices.
3428     UPCD_ID";
3429
3430 if($scarinfo != "" && !$isfirstgood4) {
3431 $txt = $txt." WHERE patient.UPCD_ID =
3432     cariesstatus.UPCD_ID";
3433     $isfirstgood4 = true;
3434 }
3435 elseif($scarinfo != "" && $isfirstgood4) $txt = $txt."
3436     AND patient.UPCD_ID = cariesstatus.UPCD_ID
3437     ";
3438 if($recinfo != "" && !$isfirstgood4) {
3439 $txt = $txt." WHERE patient.UPCD_ID =
3440     recurrentstatus.UPCD_ID";
3441     $isfirstgood4 = true;
3442 }
3443 elseif($recinfo != "" && $isfirstgood4) $txt = $txt."
3444     AND patient.UPCD_ID = recurrentstatus.
3445     UPCD_ID";
3446 if($servinfo != "" && !$isfirstgood4) {
3447 $txt = $txt." WHERE patient.UPCD_ID =
3448     serviceneeded.UPCD_ID";
3449     $isfirstgood4 = true;
3450 }
3451 else $txt = $txt." AND patient.UPCD_ID =
3452     serviceneeded.UPCD_ID";
3453
3454 $txt = $txt." AND ($gender AND patient.age >=
3455     $agefrom AND patient.age <= $ageto $citys
3456     $demo ";
3457
3458 if($treatinfo != ""){
3459 $txt = $txt." (";
3460     $isfirstgood2 = true;
3461
3462 if($perios != "") $txt = $txt." $perios ";
3463 else $isfirstgood2 = false;
3464 if($fpds != "" && !$isfirstgood2) {
3465     $txt = $txt." $fpds ";
3466     $isfirstgood2 = true;
3467 }elseif($fpds != "" && $isfirstgood2){
3468     $txt = $txt." OR $fpds ";
3469 }
3470 if($soss != "" && !$isfirstgood2) {
3471     $txt = $txt." $soss ";
3472     $isfirstgood2 = true;
3473 }elseif($soss != "" && $isfirstgood2){
3474     $txt = $txt." OR $soss ";
3475 }
3476 if($rpd != "" && !$isfirstgood2) {
3477     $txt = $txt." $rpd ";
3478     $isfirstgood2 = true;
3479 }elseif($rpd != "" && $isfirstgood2){
3480     $txt = $txt." OR $rpd ";
3481 }
3482 if($sendos != "" && !$isfirstgood2) {
3483     $txt = $txt." $sendos ";
3484     $isfirstgood2 = true;
3485 }elseif($sendos != "" && $isfirstgood2){
3486     $txt = $txt." OR $sendos ";
3487 }
3488 if($spedos != "" && !$isfirstgood2) {
3489     $txt = $txt." $spedos ";
3490     $isfirstgood2 = true;
3491 }elseif($spedos != "" && $isfirstgood2){
3492     $txt = $txt." OR $spedos ";
3493 }
3494 if($sorthos != "" && !$isfirstgood2) {
3495     $txt = $txt." $sorthos ";
3496     $isfirstgood2 = true;
3497 }elseif($sorthos != "" && $isfirstgood2){
3498     $txt = $txt." OR $sorthos ";
3499 }
3500 if($srestos != "" && !$isfirstgood2) {
3501     $txt = $txt." $srestos ";
3502     $isfirstgood2 = true;
3503 }elseif($srestos != "" && $isfirstgood2){
3504     $txt = $txt." OR $srestos ";
3505 }
3506 if($scds != "" && !$isfirstgood2) {
3507     $txt = $txt." $scds ";
3508     $isfirstgood2 = true;
3509 }elseif($scds != "" && $isfirstgood2){
3510     $txt = $txt." OR $scds ";
3511 }
3512 $txt = $txt." )";
3513 }
3514
3515 if($dentdemo != "") {
3516 if($treatinfo == "") $txt = $txt." (";
3517 else $txt = $txt." $demo (";
3518
3519 $isfirstgood = true;
3520
3521 if($scarvar != "") {
3522     $txt = $txt." $scarvar";
3523 }else $isfirstgood = false;
3524 if($recvar != "" && !$isfirstgood) {
3525     $txt = $txt." $recvar";
3526     $isfirstgood = true;
3527 }elseif($recvar != "" && $isfirstgood){
3528     $txt = $txt." $dentdemo $recvar";
3529 }
3530 if($resvar != "" && !$isfirstgood) {
3531     $txt = $txt." $resvar";
3532     $isfirstgood = true;
3533 }elseif($resvar != "" && $isfirstgood){
3534     $txt = $txt." $dentdemo $resvar";
3535 }
3536 if($sexvar != "" && !$isfirstgood) {
3537     $txt = $txt." $sexvar";
3538     $isfirstgood = true;
3539 }elseif($sexvar != "" && $isfirstgood){
3540     $txt = $txt." $dentdemo $sexvar";
3541 }
3542 if($sintvar != "" && !$isfirstgood) {
3543     $txt = $txt." $sintvar";
3544     $isfirstgood = true;
3545 }elseif($sintvar != "" && $isfirstgood){
3546     $txt = $txt." $dentdemo $sintvar";
3547 }
3548 if($mdrvar != "" && !$isfirstgood) {
3549     $txt = $txt." $mdrvar";
3550     $isfirstgood = true;
3551 }elseif($mdrvar != "" && $isfirstgood){
3552     $txt = $txt." $dentdemo $mdrvar";
3553 }
3554 if($ddrvar != "" && !$isfirstgood) {
3555     $txt = $txt." $ddrvar";
3556     $isfirstgood = true;
3557 }elseif($ddrvar != "" && $isfirstgood){
3558     $txt = $txt." $dentdemo $ddrvar";
3559 }
3560 if($rotvar != "" && !$isfirstgood) {
3561     $txt = $txt." $rotvar";
3562     $isfirstgood = true;
3563 }elseif($rotvar != "" && $isfirstgood){
3564     $txt = $txt." $dentdemo $rotvar";
3565 }
3566 if($pccvar != "" && !$isfirstgood) {
3567     $txt = $txt." $pccvar";
3568     $isfirstgood = true;
3569 }elseif($pccvar != "" && $isfirstgood){
3570     $txt = $txt." $dentdemo $pccvar";
3571 }
3572 if($rctvar != "" && !$isfirstgood) {

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3556 $txt = $txt." $rctvar";
3557 $isfirstgood = true;
3558 }elseif($rctvar != "" && $isfirstgood){
3559 $txt = $txt." $dentdemo $rctvar";
3560 }
3561 if($pafvar != "" && !$isfirstgood) {
3562 $txt = $txt." $pafvar";
3563 $isfirstgood = true;
3564 }elseif($pafvar != "" && $isfirstgood){
3565 $txt = $txt." $dentdemo $pafvar";
3566 }
3567 if($exrvar != "" && !$isfirstgood) {
3568 $txt = $txt." $exrvar";
3569 $isfirstgood = true;
3570 }elseif($exrvar != "" && $isfirstgood){
3571 $txt = $txt." $dentdemo $exrvar";
3572 }
3573 if($misvar != "" && !$isfirstgood) {
3574 $txt = $txt." $misvar";
3575 $isfirstgood = true;
3576 }elseif($misvar != "" && $isfirstgood){
3577 $txt = $txt." $dentdemo $misvar";
3578 }
3579 if($sunevar != "" && !$isfirstgood) {
3580 $txt = $txt." $sunevar";
3581 $isfirstgood = true;
3582 }elseif($sunevar != "" && $isfirstgood){
3583 $txt = $txt." $dentdemo $sunevar";
3584 }
3585 if($simpvar != "" && !$isfirstgood) {
3586 $txt = $txt." $simpvar";
3587 $isfirstgood = true;
3588 }elseif($simpvar != "" && $isfirstgood){
3589 $txt = $txt." $dentdemo $simpvar";
3590 }
3591 if($sporvar != "" && !$isfirstgood) {
3592 $txt = $txt." $sporvar";
3593 $isfirstgood = true;
3594 }elseif($sporvar != "" && $isfirstgood){
3595 $txt = $txt." $dentdemo $sporvar";
3596 }
3597 if($sacvar != "" && !$isfirstgood) {
3598 $txt = $txt." $sacvar";
3599 $isfirstgood = true;
3600 }elseif($sacvar != "" && $isfirstgood){
3601 $txt = $txt." $dentdemo $sacvar";
3602 }
3603 if($metvar != "" && !$isfirstgood) {
3604 $txt = $txt." $metvar";
3605 $isfirstgood = true;
3606 }elseif($metvar != "" && $isfirstgood){
3607 $txt = $txt." $dentdemo $metvar";
3608 }
3609 if($spftvar != "" && !$isfirstgood) {
3610 $txt = $txt." $spftvar";
3611 $isfirstgood = true;
3612 }elseif($spftvar != "" && $isfirstgood){
3613 $txt = $txt." $dentdemo $spftvar";
3614 }
3615 if($scompvar != "" && !$isfirstgood) {
3616 $txt = $txt." $scompvar";
3617 $isfirstgood = true;
3618 }elseif($scompvar != "" && $isfirstgood){
3619 $txt = $txt." $dentdemo $scompvar";
3620 }
3621 if($singvar != "" && !$isfirstgood) {
3622 $txt = $txt." $singvar";
3623 $isfirstgood = true;
3624 }elseif($singvar != "" && $isfirstgood){
3625 $txt = $txt." $dentdemo $singvar";
3626 }
3627 if($remparvar != "" && !$isfirstgood) {
3628 $txt = $txt." $remparvar";
3629 $isfirstgood = true;
3630 }elseif($remparvar != "" && $isfirstgood){
3631 $txt = $txt." $dentdemo $remparvar";
3632 }
3633 $txt = $txt." ";
3634 }
3635 }
3636
3637 if($servdemo != "") {
3638 if($treatinfo == "" && $dentdemo == "") $txt =
3639 $txt." (";
3640 else $txt = $txt." $demo (";
3641 $isfirstgood3 = true;
3642
3643 if($clvar != "") {
3644 $txt = $txt." $clvar";
3645 }elseif($isfirstgood3 = false;
3646 if($c2var != "" && !$isfirstgood3) {
3647 $txt = $txt." $c2var";
3648 $isfirstgood3 = true;
3649 }elseif($c2var != "" && $isfirstgood3){
3650 $txt = $txt." $servdemo $c2var";
3651 }
3652 if($c3var != "" && !$isfirstgood3) {
3653 $txt = $txt." $c3var";
3654 $isfirstgood3 = true;
3655 }elseif($c3var != "" && $isfirstgood3){
3656 $txt = $txt." $servdemo $c3var";
3657 }
3658 if($c4var != "" && !$isfirstgood3) {
3659 $txt = $txt." $c4var";
3660 $isfirstgood3 = true;
3661 }elseif($c4var != "" && $isfirstgood3){
3662 $txt = $txt." $servdemo $c4var";
3663 }
3664 if($c5var != "" && !$isfirstgood3) {
3665 $txt = $txt." $c5var";
3666 $isfirstgood3 = true;
3667 }elseif($c5var != "" && $isfirstgood3){
3668 $txt = $txt." $servdemo $c5var";
3669 }
3670 if($solvar != "" && !$isfirstgood3) {
3671 $txt = $txt." $solvar";
3672 $isfirstgood3 = true;
3673 }elseif($solvar != "" && $isfirstgood3){
3674 $txt = $txt." $servdemo $solvar";
3675 }
3676 if($sexvar != "" && !$isfirstgood3) {
3677 $txt = $txt." $sexvar";
3678 $isfirstgood3 = true;
3679 }elseif($sexvar != "" && $isfirstgood3){
3680 $txt = $txt." $servdemo $sexvar";
3681 }
3682 if($odvar != "" && !$isfirstgood3) {
3683 $txt = $txt." $odvar";
3684 $isfirstgood3 = true;
3685 }elseif($odvar != "" && $isfirstgood3){
3686 $txt = $txt." $servdemo $odvar";
3687 }
3688 if($scvar != "" && !$isfirstgood3) {
3689 $txt = $txt." $scvar";
3690 $isfirstgood3 = true;
3691 }elseif($scvar != "" && $isfirstgood3){
3692 $txt = $txt." $servdemo $scvar";
3693 }
3694 if($psvar != "" && !$isfirstgood3) {
3695 $txt = $txt." $psvar";
3696 $isfirstgood3 = true;
3697 }elseif($psvar != "" && $isfirstgood3){
3698 $txt = $txt." $servdemo $psvar";
3699 }
3700 if($rcvar != "" && !$isfirstgood3) {
3701 $txt = $txt." $rcvar";
3702 $isfirstgood3 = true;
3703 }elseif($rcvar != "" && $isfirstgood3){
3704 $txt = $txt." $servdemo $rcvar";
3705 }
3706 if($tfvar != "" && !$isfirstgood3) {
3707 $txt = $txt." $tfvar";
3708 $isfirstgood3 = true;
3709 }elseif($tfvar != "" && $isfirstgood3){
3710 $txt = $txt." $servdemo $tfvar";
3711 }
3712 if($lmvar != "" && !$isfirstgood3) {
3713 $txt = $txt." $lmvar";
3714 $isfirstgood3 = true;
3715 }elseif($lmvar != "" && $isfirstgood3){
3716 $txt = $txt." $servdemo $lmvar";
3717 }
3718 if($anvar != "" && !$isfirstgood3) {
3719 $txt = $txt." $anvar";
3720 $isfirstgood3 = true;
3721 }elseif($anvar != "" && $isfirstgood3){
3722 $txt = $txt." $servdemo $anvar";
3723 }
3724 if($povar != "" && !$isfirstgood3) {
3725 $txt = $txt." $povar";
3726 $isfirstgood3 = true;
3727 }elseif($povar != "" && $isfirstgood3){
3728 $txt = $txt." $servdemo $povar";
3729 }
3730 if($bsvar != "" && !$isfirstgood3) {
3731 $txt = $txt." $bsvar";
3732 $isfirstgood3 = true;
3733 }elseif($bsvar != "" && $isfirstgood3){
3734 $txt = $txt." $servdemo $bsvar";
3735 }
3736 if($sivar != "" && !$isfirstgood3) {
3737 $txt = $txt." $sivar";
3738 $isfirstgood3 = true;
3739 }elseif($sivar != "" && $isfirstgood3){
3740 $txt = $txt." $servdemo $sivar";
3741 }
3742 if($mopdvar != "" && !$isfirstgood3) {
3743 $txt = $txt." $mopdvar";
3744 $isfirstgood3 = true;
3745 }elseif($mopdvar != "" && $isfirstgood3){
3746 $txt = $txt." $servdemo $mopdvar";
3747 }
3748 if($pedovar != "" && !$isfirstgood3) {
3749 $txt = $txt." $pedovar";
3750 $isfirstgood3 = true;
3751 }elseif($pedovar != "" && $isfirstgood3){
3752 $txt = $txt." $servdemo $pedovar";
3753 }

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3753     if($orthovar != "" && !$isfirstgood3) {
3754         $txt = $txt." $orthovar";
3755         $isfirstgood3 = true;
3756     }elseif($orthovar != "" && $isfirstgood3){
3757         $txt = $txt." $servdemo $orthovar";
3758     }
3759     if($moaivar != "" && !$isfirstgood3) {
3760         $txt = $txt." $moaivar";
3761         $isfirstgood3 = true;
3762     }elseif($moaivar != "" && $isfirstgood3){
3763         $txt = $txt." $servdemo $moaivar";
3764     }
3765     if($motivar != "" && !$isfirstgood3) {
3766         $txt = $txt." $motivar";
3767         $isfirstgood3 = true;
3768     }elseif($motivar != "" && $isfirstgood3){
3769         $txt = $txt." $servdemo $motivar";
3770     }
3771     $txt = $txt." )";
3772 }
3773
3774 $txt = $txt." )";
3775
3776 $query = $this->db->query($txt);
3777 }
3778
3779 }
3780 else{
3781     if($spatinfo != ""){
3782         $txt = "SELECT * FROM patient, $patinfo WHERE
            patient.UPCD_ID = patientinfo.UPCD_ID AND
            $gender AND patient.age >= $agefrom AND
            patient.age <= $ageto $citys ";
3783
3784         $query = $this->db->query($txt);
3785     }
3786     else{
3787         $txt = "SELECT * FROM patient WHERE $gender
            AND patient.age >= $agefrom AND patient.age
            <= $ageto $citys";
3788         $query = $this->db->query($txt);
3789     }
3790 }
3791
3792 if($query -> num_rows() >= 1)
3793 {
3794     return $query->result_array();
3795 }
3796 else
3797 {
3798     return false;
3799 }
3800 }
3801
3802 function getPatientInfoVersions($id){
3803     $this -> db -> select('*');
3804     $this -> db -> from('patientinfoversion');
3805     $this->db->where('UPCD_ID', $id);
3806     $this->db->where('updateStatus', 'Approved');
3807
3808     $query = $this -> db -> get();
3809
3810     if($query -> num_rows() >= 1)
3811     {
3812         return $query->result_array();
3813     }
3814     else
3815     {
3816         return false;
3817     }
3818 }
3819
3820 function getPatientChecklistVersions($id){
3821     $this -> db -> select('*');
3822     $this -> db -> from('patientchecklistversion');
3823     $this->db->where('UPCD_ID', $id);
3824     $this->db->where('updateStatus', 'Approved');
3825
3826     $query = $this -> db -> get();
3827
3828     if($query -> num_rows() >= 1)
3829     {
3830         return $query->result_array();
3831     }
3832     else
3833     {
3834         return false;
3835     }
3836 }
3837
3838 function getMedAndSocHistoVersions($id){
3839     $this -> db -> select('*');
3840     $this -> db -> from('medandsochistoversion');
3841     $this->db->where('UPCD_ID', $id);
3842     $this->db->where('updateStatus', 'Approved');
3843
3844     $query = $this -> db -> get();
3845
3846     if($query -> num_rows() >= 1)
3847     {
3848         return $query->result_array();
3849     }
3850     else
3851     {
3852         return false;
3853     }
3854 }
3855
3856 function getDentalDataVersions($id){
3857     $this -> db -> select('*');
3858     $this -> db -> from('dentaldataversion');
3859     $this->db->where('UPCD_ID', $id);
3860     $this->db->where('updateStatus', 'Approved');
3861
3862     $query = $this -> db -> get();
3863
3864     if($query -> num_rows() >= 1)
3865     {
3866         return $query->result_array();
3867     }
3868     else
3869     {
3870         return false;
3871     }
3872 }
3873
3874 function getDentalChartVersions($id){
3875     $this -> db -> select('*');
3876     $this -> db -> from('dentalchartversion');
3877     $this->db->where('UPCD_ID', $id);
3878     $this->db->where('updateStatus', 'Approved');
3879
3880     $query = $this -> db -> get();
3881
3882     if($query -> num_rows() >= 1)
3883     {
3884         return $query->result_array();
3885     }
3886     else
3887     {
3888         return false;
3889     }
3890 }
3891
3892 function getTreatmentPlanVersions($id){
3893     $this -> db -> select('*');
3894     $this -> db -> from('treatmentplanversion');
3895     $this->db->where('UPCD_ID', $id);
3896     $this->db->where('updateStatus', 'Approved');
3897
3898     $query = $this -> db -> get();
3899
3900     if($query -> num_rows() >= 1)
3901     {
3902         return $query->result_array();
3903     }
3904     else
3905     {
3906         return false;
3907     }
3908 }
3909
3910 function getRadioExamVersions($id){
3911     $this -> db -> select('*');
3912     $this -> db -> from('radioexamversion');
3913     $this->db->where('UPCD_ID', $id);
3914     $this->db->where('updateStatus', 'Approved');
3915
3916     $query = $this -> db -> get();
3917
3918     if($query -> num_rows() >= 1)
3919     {
3920         return $query->result_array();
3921     }
3922     else
3923     {
3924         return false;
3925     }
3926 }
3927
3928 function getServicesRenderedVersions($id){
3929     $this -> db -> select('*');
3930     $this -> db -> from('servicesrenderedversion');
3931     $this->db->where('UPCD_ID', $id);
3932     $this->db->where('updateStatus', 'Approved');
3933
3934     $query = $this -> db -> get();
3935
3936     if($query -> num_rows() >= 1)
3937     {
3938         return $query->result_array();
3939     }
3940     else
3941     {
3942         return false;
3943     }
3944 }
3945

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3946 function getConFindVersions($id){
3947     $this->db->select('*');
3948     $this->db->from('confindversion');
3949     $this->db->where('UPCD_ID', $id);
3950     $this->db->where('updateStatus', 'Approved');
3951
3952     $query = $this->db->get();
3953
3954     if($query->num_rows() >= 1)
3955     {
3956         return $query->result_array();
3957     }
3958     else
3959     {
3960         return false;
3961     }
3962 }
3963
3964 function getLatest1($id){
3965     $this->db->select_max('patientinfoID');
3966     $this->db->where('UPCD_ID', $id);
3967     $query = $this->db->get('patientinfo');
3968
3969     if($query->num_rows() >= 1)
3970     {
3971         return $query->result_array();
3972     }
3973     else
3974     {
3975         return false;
3976     }
3977 }
3978
3979 function getLatest2($id){
3980     $this->db->select_max('checklistID');
3981     $this->db->where('UPCD_ID', $id);
3982     $query = $this->db->get('patientchecklist');
3983
3984     if($query->num_rows() >= 1)
3985     {
3986         return $query->result_array();
3987     }
3988     else
3989     {
3990         return false;
3991     }
3992 }
3993
3994 function getLatest3($id){
3995     $this->db->select_max('medhistoID');
3996     $this->db->where('UPCD_ID', $id);
3997     $query = $this->db->get('medicalhistory');
3998
3999     if($query->num_rows() >= 1)
4000     {
4001         return $query->result_array();
4002     }
4003     else
4004     {
4005         return false;
4006     }
4007 }
4008
4009 function getLatest4($id){
4010     $this->db->select_max('denthistoID');
4011     $this->db->where('UPCD_ID', $id);
4012     $query = $this->db->get('dentalhistory');
4013
4014     if($query->num_rows() >= 1)
4015     {
4016         return $query->result_array();
4017     }
4018     else
4019     {
4020         return false;
4021     }
4022 }
4023
4024 function getLatest5($id){
4025     $this->db->select_max('dentalchartID');
4026     $this->db->where('UPCD_ID', $id);
4027     $query = $this->db->get('dentalchart');
4028
4029     if($query->num_rows() >= 1)
4030     {
4031         return $query->result_array();
4032     }
4033     else
4034     {
4035         return false;
4036     }
4037 }
4038
4039 function getLatest6($id){
4040     $this->db->select_max('treatmentplanID');
4041     $this->db->where('UPCD_ID', $id);
4042     $query = $this->db->get('treatmentplan');
4043
4044     if($query->num_rows() >= 1)
4045     {
4046         return $query->result_array();
4047     }
4048     else
4049     {
4050         return false;
4051     }
4052 }
4053
4054 function getLatest7($id){
4055     $this->db->select_max('radioexamID');
4056     $this->db->where('UPCD_ID', $id);
4057     $query = $this->db->get('radiographicexam');
4058
4059     if($query->num_rows() >= 1)
4060     {
4061         return $query->result_array();
4062     }
4063     else
4064     {
4065         return false;
4066     }
4067 }
4068
4069 function getLatest8($id){
4070     $this->db->select_max('servicesrenderedID');
4071     $this->db->where('UPCD_ID', $id);
4072     $query = $this->db->get('servicesrendered');
4073
4074     if($query->num_rows() >= 1)
4075     {
4076         return $query->result_array();
4077     }
4078     else
4079     {
4080         return false;
4081     }
4082 }
4083
4084 function getLatest9($id){
4085     $this->db->select_max('confindID');
4086     $this->db->where('UPCD_ID', $id);
4087     $query = $this->db->get('consultationandfindings');
4088
4089     if($query->num_rows() >= 1)
4090     {
4091         return $query->result_array();
4092     }
4093     else
4094     {
4095         return false;
4096     }
4097 }
4098
4099 function getMaxId(){
4100     $this->db->select('UPCD_ID');
4101     $this->db->from('patient');
4102
4103     $query = $this->db->get();
4104
4105     if($query->num_rows() >= 1)
4106     {
4107         return $query->result_array();
4108     }
4109     else
4110     {
4111         return false;
4112     }
4113 }
4114
4115 function addPatientServices($id, $perio, $rpd, $resto,
4116     $sos, $fpd, $pedo, $endo, $cd, $ortho){
4117     $data = array(
4118         'UPCD_ID' => $id,
4119         'perio' => $perio,
4120         'rpd' => $rpd,
4121         'resto' => $resto,
4122         'os' => $sos,
4123         'fpd' => $fpd,
4124         'pedo' => $pedo,
4125         'endo' => $endo,
4126         'cd' => $cd,
4127         'ortho' => $ortho);
4128     $this->db->insert('patientServices', $data);
4129 }
4130
4131 function getPatientServices($id){
4132     $this->db->select('*');
4133     $this->db->from('patientServices');
4134     $this->db->where('UPCD_ID', $id);
4135
4136     $query = $this->db->get();
4137
4138     if($query->num_rows() == 1)
4139     {
4140         return $query->result_array();
4141     }
4142     else
4143     {

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```

4143         return false;
4144     }
4145 }
4146
4147 function addStudentTask($patientID, $section){
4148     $data = array(
4149         'UPCD_ID' => $patientID,
4150         'section' => $section,
4151         'taskdescription' => 'Assign to '.$section.' Clinician'
4152     );
4153     $this->db->insert('studenttasks', $data);
4154 }
4155
4156 function getStudentTask($section, $studentID){
4157
4158     $query = $this->db->query("SELECT * FROM
studenttasks where section = '$section' OR
clinicianID=$studentID");
4159
4160     if($query -> num_rows() >= 1)
4161     {
4162         return $query->result_array();
4163     }
4164     else
4165     {
4166         return false;
4167     }
4168 }
4169
4170 function getPatientRecordStatus($id){
4171     $this->db->select('status');
4172     $this->db->from('patient');
4173     $this->db->where('UPCD_ID', $id);
4174
4175     $query = $this -> db -> get();
4176
4177     if($query -> num_rows() >= 1)
4178     {
4179         return $query->result_array();
4180     }
4181     else
4182     {
4183         return false;
4184     }
4185 }
4186
4187 function deleteStudentTask($id){
4188     $this->db->where('UPCD_ID', $id);
4189     $this->db->delete('studenttasks');
4190 }
4191
4192 function updateClinician($patientID, $facultyID){
4193     $data2 = array(
4194         'clinician' => $facultyID
4195     );
4196     $this->db->where('UPCD_ID', $patientID);
4197     $this->db->update('patient', $data2);
4198 }
4199
4200 function updatePatientApprover($patientID, $facultyid){
4201     $data = array(
4202         'approvedBy7' => $facultyid
4203     );
4204     $this->db->where('UPCD_ID7', $patientID);
4205     $this->db->update('patientdashboardversion', $data);
4206 }
4207
4208 function updatePatientRecordStatus($id, $status){
4209     $data2 = array(
4210         'status' => $status
4211     );
4212     $this->db->where('UPCD_ID', $id);
4213     $this->db->update('patient', $data2);
4214 }
4215
4216
4217 function getFacultyTask($section, $facultyid){
4218     $query = $this->db->query("SELECT * FROM
patientdashboardversion where updateStatus7 = '
Pending' AND (currentsection7 = '$section' OR
approvedBy7=$facultyid)");
4219
4220     if($query -> num_rows() >= 1)
4221     {
4222         return $query->result_array();
4223     }
4224     else
4225     {
4226         return false;
4227     }
4228 }
4229
4230 function getSection($id, $section){
4231     $this->db->select_max('patientdashboardversionID');
4232     $this->db->where('UPCD_ID7', $id);
4233     $query = $this->db->get('patientdashboardversion');
4234     $res = $query->row_array();
4235
4236     $maxID = $res['patientdashboardversionID'];
4237
4238     $this -> db -> select('section7');
4239     $this -> db -> from('patientdashboardversion');
4240     $this->db->where('patientdashboardversionID',
$maxID);
4241
4242     $query2 = $this -> db -> get();
4243
4244     if($query2 -> num_rows() >= 1)
4245     {
4246         return $query2->result_array();
4247     }
4248     else
4249     {
4250         return false;
4251     }
4252 }
4253
4254 function getPatientDashboardStatus($id){
4255     $this -> db -> select('updateStatus7');
4256     $this -> db -> from('patientdashboardversion');
4257     $this->db->where('UPCD_ID7', $id);
4258
4259     $query = $this -> db -> get();
4260
4261     if($query -> num_rows() >= 1)
4262     {
4263         return $query->result_array();
4264     }
4265     else
4266     {
4267         return false;
4268     }
4269 }
4270
4271 function getPatientDashboardStatus2($id){
4272     $this -> db -> select('updateStatus7');
4273     $this -> db -> from('patientdashboardversion');
4274     $this->db->order_by("patientdashboardversionID", "
desc");
4275     $this->db->limit(1);
4276     $this->db->where('UPCD_ID7', $id);
4277     $this->db->where('updateStatus7 !=', 'Approved');
4278
4279     $query = $this -> db -> get();
4280
4281     if($query -> num_rows() == 1)
4282     {
4283         return $query->result_array();
4284     }
4285     else
4286     {
4287         return false;
4288     }
4289 }
4290
4291 function getPatientDashboardStatus3($id){
4292     $this -> db -> select('updateStatus7');
4293     $this -> db -> from('patientdashboardversion');
4294     $this->db->where('UPCD_ID7', $id);
4295     $this->db->where('updateStatus7 !=', 'Pending');
4296
4297     $query = $this -> db -> get();
4298
4299     if($query -> num_rows() >= 1)
4300     {
4301         return $query->result_array();
4302     }
4303     else
4304     {
4305         return false;
4306     }
4307 }
4308
4309 function getRemarkStatus($id){
4310     $this -> db -> select('remarkStatus');
4311     $this -> db -> from('remark');
4312     $this->db->where('patientID', $id);
4313
4314     $query = $this -> db -> get();
4315
4316     if($query -> num_rows() >= 1)
4317     {
4318         return $query->result_array();
4319     }
4320     else
4321     {
4322         return false;
4323     }
4324 }
4325
4326 function getRemarks($id){
4327     $this -> db -> select('*');
4328     $this -> db -> from('remark');
4329     $this->db->where('patientID', $id);
4330
4331     $query = $this -> db -> get();
4332
4333

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4334 if($query -> num_rows() >= 1)
4335 {
4336     return $query->result_array();
4337 }
4338 else
4339 {
4340     return false;
4341 }
4342 }
4343
4344 function getRemarks2($id, $facultyid){
4345     $this -> db -> select('*');
4346     $this -> db -> from('remark');
4347     $this->db->where('patientID', $id);
4348     $this->db->where('userID', $facultyid);
4349
4350     $query = $this -> db -> get();
4351
4352     if($query -> num_rows() >= 1)
4353     {
4354         return $query->result_array();
4355     }
4356     else
4357     {
4358         return false;
4359     }
4360 }
4361
4362 function hasTempRecord($patientid){
4363
4364     $query = $this -> db -> get();*/
4365     $query = $this->db->query("SELECT * FROM
4366     remark WHERE patientID='$patientid' AND (
4367     remarkStatus='Temporary' or remarkStatus='
4368     Pending')");
4369
4370     if($query -> num_rows() >= 1)
4371     {
4372         return true;
4373     }
4374     else
4375     {
4376         return false;
4377     }
4378 }
4379
4380 function clearPatient($id){
4381     $data = array(
4382         'section' => 'Finished'
4383     );
4384     $this->db->where('UPCD_ID', $id);
4385     $this->db->update('patient', $data);
4386 }
4387
4388 function updatePatientTemporary($studentid, $facultyid,
4389 $patientid, $remark, $patientinfo, $patientchecklist
4390 , $medandsochisto, $dentaldata, $dentalchart,
4391 $treatmentplan, $radiographicexam,
4392 $servicesrendered, $consultationandfindings){
4393
4394     $query = $this->db->query("UPDATE remark SET
4395     remarkStatus='$remark', patientinfo='$patientinfo
4396     ', patientchecklist='$patientchecklist',
4397     medandsochisto='$medandsochisto', dentaldata='
4398     $dentaldata', dentalchart='$dentalchart',
4399     treatmentplan='$treatmentplan', radiographicexam
4400     ='$radiographicexam', servicesrendered='
4401     $servicesrendered', consultationandfindings='
4402     $consultationandfindings' WHERE patientID='
4403     $patientid' AND (remarkStatus='Temporary' or
4404     remarkStatus='Pending')");
4405 }
4406
4407 function updatePatientRejected2($studentid, $facultyid,
4408 $patientid, $remark, $patientinfo,
4409 $patientchecklist , $medandsochisto, $dentaldata,
4410 $dentalchart, $treatmentplan, $radiographicexam,
4411 $servicesrendered, $consultationandfindings){
4412
4413     $data = array(
4414         'remarkStatus' => $remark,
4415         'patientinfo' => $patientinfo,
4416         'patientchecklist' => $patientchecklist,
4417         'medandsochisto' => $medandsochisto,
4418         'dentaldata' => $dentaldata,
4419         'dentalchart' => $dentalchart,
4420         'treatmentplan' => $treatmentplan,
4421         'radiographicexam' => $radiographicexam,
4422         'servicesrendered' => $servicesrendered,
4423         'consultationandfindings' => $consultationandfindings
4424     );
4425     $this->db->where('patientID', $patientid);
4426     $this->db->where('remarkStatus', 'Pending');
4427     $this->db->update('remark', $data);
4428 }
4429
4430 function getStudentID($patientid){
4431     $this -> db -> select('*');
4432     $this -> db -> from('patientdashboardversion');
4433     $this->db->where('UPCD_ID7', $patientid);
4434
4435     $this->db->where('updateStatus7', 'Pending');
4436
4437     $query = $this -> db -> get();
4438
4439     if($query -> num_rows() >= 1)
4440     {
4441         return $query->result_array();
4442     }
4443     else
4444     {
4445         return false;
4446     }
4447 }
4448
4449 function addRemark($studentid, $facultyid, $patientid,
4450 $remark, $patientinfo, $patientchecklist ,
4451 $medandsochisto, $dentaldata, $dentalchart,
4452 $treatmentplan, $radiographicexam,
4453 $servicesrendered, $consultationandfindings){
4454
4455     $maxremarkID = 0;
4456
4457     $this->db->select_max('remarkID');
4458     $query1 = $this->db->get('remark');
4459     $res1 = $query1->row_array();
4460
4461     if($query1 -> num_rows() >= 1) $maxremarkID =
4462     $res1['remarkID'];
4463
4464     $data = array(
4465         'remarkID' => $maxremarkID+1,
4466         'userID' => $studentid,
4467         'patientID' => $patientid,
4468         'facultyID' => $facultyid,
4469         'remarkStatus' => $remark,
4470         'patientinfo' => $patientinfo,
4471         'patientchecklist' => $patientchecklist,
4472         'medandsochisto' => $medandsochisto,
4473         'dentaldata' => $dentaldata,
4474         'dentalchart' => $dentalchart,
4475         'treatmentplan' => $treatmentplan,
4476         'radiographicexam' => $radiographicexam,
4477         'servicesrendered' => $servicesrendered,
4478         'consultationandfindings' => $consultationandfindings)
4479     ;
4480     $this->db->insert('remark', $data);
4481 }
4482
4483 function updatePatient($patientID, $section, $facultyID,
4484 $status){
4485     $data = array(
4486         'section' => $section,
4487         'status' => "Open",
4488         'clinician' => 'Pending'
4489     );
4490     $this->db->where('UPCD_ID', $patientID);
4491     $this->db->update('patient', $data);
4492
4493     $data2 = array(
4494         'updateStatus7' => $status,
4495         'approvedBy7' => $facultyID,
4496         'currentsection7' => $section
4497     );
4498     $this->db->where('UPCD_ID7', $patientID);
4499     $this->db->where('updateStatus7', 'Pending');
4500     $this->db->update('patientdashboardversion', $data2);
4501
4502     $maxstudenttaskID = 0;
4503
4504     $this->db->select_max('studenttaskID');
4505     $query1 = $this->db->get('studenttasks');
4506     $res1 = $query1->row_array();
4507
4508     if($query1 -> num_rows() >= 1) $maxstudenttaskID =
4509     $res1['studenttaskID'];
4510
4511     $data3 = array(
4512         'studenttaskID' => $maxstudenttaskID+1,
4513         'UPCD_ID' => $patientID,
4514         'section' => $section,
4515         'taskdescription' => 'Assign to '. $section.' Clinician'
4516     );
4517     $this->db->insert('studenttasks', $data3);
4518
4519     $this->db->where('UPCD_ID', $patientID);
4520     $this->db->delete('appointment');
4521 }
4522
4523 function updatePatient2($patientID, $section, $facultyID,
4524 $status){
4525     $data = array(
4526         'section' => $section,
4527         'status' => "Open",
4528         'clinician' => 'Pending'
4529     );
4530     $this->db->where('UPCD_ID', $patientID);
4531     $this->db->update('patient', $data);
4532
4533     $maxstudenttaskID = 0;

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4502
4503 $this->db->select_max('studenttaskID');
4504 $query1 = $this->db->get('studenttasks');
4505 $res1 = $query1->row_array();
4506
4507 if($query1 -> num_rows() >= 1) $maxstudenttaskID =
    $res1['studenttaskID'];
4508
4509 $data3 = array(
4510     'studenttaskID' => $maxstudenttaskID+1,
4511     'UPCD_ID' => $patientID,
4512     'section' => $section,
4513     'taskdescription' => 'Assign to '. $section.' Clinician'
4514 );
4515 $this->db->insert('studenttasks', $data3);
4516
4517 $this->db->where('UPCD_ID', $patientID);
4518 $this->db->delete('appointment');
4519 }
4520
4521 function updatePatientRejected($patientID, $userid,
    $status, $currentsection, $referredsection){
4522     $data = array(
4523         'updateStatus7' => $status
4524     );
4525     $this->db->where('UPCD_ID7', $patientID);
4526     $this->db->where('updateStatus7', 'Pending');
4527     $this->db->update('patientdashboardversion', $data);
4528
4529     $maxstudenttaskID = 0;
4530
4531     $this->db->select_max('studenttaskID');
4532     $query1 = $this->db->get('studenttasks');
4533     $res1 = $query1->row_array();
4534
4535     if($query1 -> num_rows() >= 1) $maxstudenttaskID =
        $res1['studenttaskID'];
4536
4537     $data2 = array(
4538         'studenttaskID' => $maxstudenttaskID+1,
4539         'UPCD_ID' => $patientID,
4540         'clinicianID' => $userid,
4541         'section' => $currentsection,
4542         'taskdescription' => 'Rejected Referral to '.
            $referredsection
4543     );
4544     $this->db->insert('studenttasks', $data2);
4545 }
4546
4547 function hasPatientDB($id, $section){
4548     $this -> db -> select('*');
4549     $this -> db -> from('patientdashboardversion');
4550     $this->db->where('UPCD_ID7', $patientid);
4551     $this->db->where('currentsection7', $section);
4552
4553     $query = $this -> db -> get();
4554
4555     if($query -> num_rows() >= 1)
4556     {
4557         return $query->result_array();
4558     }
4559     else
4560     {
4561         return false;
4562     }
4563 }
4564
4565 function hasAppointment($id){
4566     $this -> db -> select('*');
4567     $this -> db -> from('appointment');
4568     $this->db->where('UPCD_ID', $id);
4569
4570     $query = $this -> db -> get();
4571
4572     if($query -> num_rows() >= 1)
4573     {
4574         return true;
4575     }
4576     else
4577     {
4578         return false;
4579     }
4580 }
4581
4582 function setAppointment($patientID, $studentID, $date){
4583     $maxappointmentID = 0;
4584
4585     $this->db->select_max('appointmentID');
4586     $query1 = $this->db->get('appointment');
4587     $res1 = $query1->row_array();
4588
4589     if($query1 -> num_rows() >= 1) $maxappointmentID
        = $res1['appointmentID'];
4590
4591     $data = array(
4592         'appointmentID' => $maxappointmentID+1,
4593         'UPCD_ID' => $patientID,
4594         'studentID' => $studentID,
4595         'appointmentDate' => $date);
4596     $this->db->insert('appointment', $data);
4597 }
4598
4599 function updateAppointment($patientID, $studentID,
    $date){
4600     $data = array(
4601         'appointmentDate' => $date);
4602     $this->db->where('UPCD_ID', $patientID);
4603     $this->db->where('studentID', $studentID);
4604     $this->db->update('appointment', $data);
4605 }
4606
4607 function deleteAppointment($id, $userid, $date){
4608     $this->db->where('UPCD_ID', $id);
4609     $this->db->delete('appointment');
4610 }
4611
4612 function getAppointments($id){
4613     $this -> db -> select('*');
4614     $this -> db -> from('appointment');
4615     $this->db->where('studentID', $id);
4616
4617     $query = $this -> db -> get();
4618
4619     if($query -> num_rows() >= 1)
4620     {
4621         return $query->result_array();
4622     }
4623     else
4624     {
4625         return false;
4626     }
4627 }
4628
4629 function isClinician ($patientid){
4630     $this -> db -> select('*');
4631     $this -> db -> from('patient');
4632     $this->db->where('UPCD_ID', $patientid);
4633
4634     $query = $this -> db -> get();
4635     $res = $query->result_array();
4636     $clinician = "";
4637     foreach($res as $row){
4638         $clinician = $row['clinician'];
4639     }
4640
4641     if($clinician == 'Pending'){
4642         return false;
4643     }
4644     else{
4645         return $clinician;
4646     }
4647 }
4648
4649 function resetPatientRemark($patientid){
4650     $data2 = array(
4651         'remarkStatus' => 'Pending',
4652         'patientinfo' => '',
4653         'patientchecklist' => '',
4654         'medandsochisto' => '',
4655         'dentaldata' => '',
4656         'dentalchart' => '',
4657         'treatmentplan' => '',
4658         'radiographicexam' => '',
4659         'servicesrendered' => '',
4660         'consultationandfindings' => ''
4661     );
4662     $this->db->where('patientID', $patientid);
4663     $this->db->update('remark', $data2);
4664 }
4665
4666 function setApproved($patientid, $facultyid, $date){
4667     //PATIENT INFORMATION
4668     $this->db->select_max('patientinfoID');
4669     $this->db->where('UPCD_ID', $patientid);
4670     $query1 = $this->db->get('patientinfo');
4671     $res1 = $query1->row_array();
4672
4673     if($query1 -> num_rows() >= 1) $patientinfoID =
        $res1['patientinfoID'];
4674     else $patientinfoID = false;
4675
4676     if($patientinfoID){
4677         $data = array(
4678             'updateStatus' => 'Approved',
4679             'approvedBy' => $facultyid,
4680             'approvedOn' => $date
4681         );
4682         $this->db->where('UPCD_ID', $patientid);
4683         $this->db->where('patientinfoversionID',

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    $patientinfoID);
4693 $this->db->update('patientinfoversion', $data);
4694 }
4695
4696 //PATIENT CHECKLIST
4697 $this->db->select_max('checklistID');
4698 $this->db->where('UPCD_ID', $patientid);
4699 $query2 = $this->db->get('patientchecklist');
4700 $res2 = $query2->row_array();
4701
4702 if($query2 -> num_rows() >= 1) $checklistID = $res2['
    checklistID'];
4703 else $checklistID = false;
4704
4705 if($checklistID){
4706 $data2 = array(
4707     'updateStatus' => 'Approved',
4708     'approvedBy' => $facultyid,
4709     'approvedOn' => $date
4710 );
4711 $this->db->where('UPCD_ID', $patientid);
4712 $this->db->where('patientchecklistversionID',
    $checklistID);
4713 $this->db->update('patientchecklistversion', $data2);
4714 }
4715
4716 // MED AND SOC HISTO
4717 $this->db->select_max('medhistoID');
4718 $this->db->where('UPCD_ID', $patientid);
4719 $query3 = $this->db->get('medicalhistory');
4720 $res3 = $query3->row_array();
4721
4722 if($query3 -> num_rows() >= 1) $medhistoID = $res3['
    medhistoID'];
4723 else $medhistoID = false;
4724
4725 if($medhistoID){
4726 $data3 = array(
4727     'updateStatus' => 'Approved',
4728     'approvedBy' => $facultyid,
4729     'approvedOn' => $date
4730 );
4731 $this->db->where('UPCD_ID', $patientid);
4732 $this->db->where('medandsochistoverversionID',
    $medhistoID);
4733 $this->db->update('medandsochistoverversion', $data3);
4734 }
4735
4736 // DENTAL DATA
4737 $this->db->select_max('denthistoID');
4738 $this->db->where('UPCD_ID', $patientid);
4739 $query4 = $this->db->get('dentalhistory');
4740 $res4 = $query4->row_array();
4741
4742 if($query4 -> num_rows() >= 1) $denthistoID = $res4['
    denthistoID'];
4743 else $denthistoID = false;
4744
4745 if($denthistoID){
4746 $data4 = array(
4747     'updateStatus' => 'Approved',
4748     'approvedBy' => $facultyid,
4749     'approvedOn' => $date
4750 );
4751 $this->db->where('UPCD_ID', $patientid);
4752 $this->db->where('dentaldataversionID',
    $denthistoID);
4753 $this->db->update('dentaldataversion', $data4);
4754 }
4755
4756 // DENTAL CHART
4757 $this->db->select_max('dentalchartID');
4758 $this->db->where('UPCD_ID', $patientid);
4759 $query5 = $this->db->get('dentalchart');
4760 $res5 = $query5->row_array();
4761
4762 if($query5 -> num_rows() >= 1) $dentalchartID =
    $res5['dentalchartID'];
4763 else $dentalchartID = false;
4764
4765 if($dentalchartID){
4766 $data5 = array(
4767     'updateStatus' => 'Approved',
4768     'approvedBy' => $facultyid,
4769     'approvedOn' => $date
4770 );
4771 $this->db->where('UPCD_ID', $patientid);
4772 $this->db->where('dentalchartversionID',
    $dentalchartID);
4773 $this->db->update('dentalchartversion', $data5);
4774 }
4775
4776 // TREATMENTPLAN
4777 $this->db->select_max('treatmentplanID');
4778 $this->db->where('UPCD_ID', $patientid);
4779 $query6 = $this->db->get('treatmentplan');
4780 $res6 = $query6->row_array();
4781
4782 if($query6 -> num_rows() >= 1) $treatmentplanID =
    $res6['treatmentplanID'];
4783 else $treatmentplanID = false;
4784
4785 if($treatmentplanID){
4786 $data6 = array(
4787     'updateStatus' => 'Approved',
4788     'approvedBy' => $facultyid,
4789     'approvedOn' => $date
4790 );
4791 $this->db->where('UPCD_ID', $patientid);
4792 $this->db->where('treatmentplanversionID',
    $treatmentplanID);
4793 $this->db->update('treatmentplanversion', $data6);
4794 }
4795
4796 // RADIOGRAPHIC EXAM
4797 $this->db->select_max('radioexamID');
4798 $this->db->where('UPCD_ID', $patientid);
4799 $query7 = $this->db->get('radiographicexam');
4800 $res7 = $query7->row_array();
4801
4802 if($query7 -> num_rows() >= 1) $radioexamID = $res7[
    'radioexamID'];
4803 else $radioexamID = false;
4804
4805 if($radioexamID){
4806 $data7 = array(
4807     'updateStatus' => 'Approved',
4808     'approvedBy' => $facultyid,
4809     'approvedOn' => $date
4810 );
4811 $this->db->where('UPCD_ID', $patientid);
4812 $this->db->where('radioexamversionID',
    $radioexamID);
4813 $this->db->update('radioexamversion', $data7);
4814 }
4815
4816 // SERVICES RENDERED
4817 $this->db->select_max('servicesrenderedID');
4818 $this->db->where('UPCD_ID', $patientid);
4819 $query8 = $this->db->get('servicesrendered');
4820 $res8 = $query8->row_array();
4821
4822 if($query8 -> num_rows() >= 1) $servicesrenderedID =
    $res8['servicesrenderedID'];
4823 else $servicesrenderedID = false;
4824
4825 if($servicesrenderedID){
4826 $data8 = array(
4827     'updateStatus' => 'Approved',
4828     'approvedBy' => $facultyid,
4829     'approvedOn' => $date
4830 );
4831 $this->db->where('UPCD_ID', $patientid);
4832 $this->db->where('servicesrenderedversionID',
    $servicesrenderedID);
4833 $this->db->update('servicesrenderedversion', $data8);
4834 }
4835
4836 // CONSULTATION AND FINDINGS
4837 $this->db->select_max('confindID');
4838 $this->db->where('UPCD_ID', $patientid);
4839 $query9 = $this->db->get('consultationandfindings');
4840 $res9 = $query9->row_array();
4841
4842 if($query9 -> num_rows() >= 1) $confindID = $res9['
    confindID'];
4843 else $confindID = false;
4844
4845 if($confindID){
4846 $data9 = array(
4847     'updateStatus' => 'Approved',
4848     'approvedBy' => $facultyid,
4849     'approvedOn' => $date
4850 );
4851 $this->db->where('UPCD_ID', $patientid);
4852 $this->db->where('confindversionID', $confindID);
4853 $this->db->update('confindversion', $data9);
4854 }
4855 }
4856
4857 function setRejected($patientid, $facultyid, $date){
4858
4859 //PATIENT INFORMATION
4860 $this->db->select_max('patientinfoID');
4861 $this->db->where('UPCD_ID', $patientid);
4862 $query1 = $this->db->get('patientinfo');
4863 $res1 = $query1->row_array();
4864
4865 if($query1 -> num_rows() >= 1) $patientinfoID =
    $res1['patientinfoID'];
4866 else $patientinfoID = false;
4867
4868 if($patientinfoID){
4869 $data = array(
4870     'updateStatus' => 'Rejected',
4871     'approvedBy' => $facultyid,
4872     'approvedOn' => $date
4873

```

```

4874     );
4875     $this->db->where('UPCD_ID', $patientid);
4876     $this->db->where('patientinfoversionID',
        $patientinfoID);
4877     $this->db->update('patientinfoversion', $data);
4878 }
4879
4880 //PATIENT CHECKLIST
4881 $this->db->select_max('checklistID');
4882 $this->db->where('UPCD_ID', $patientid);
4883 $query2 = $this->db->get('patientchecklist');
4884 $res2 = $query2->row_array();
4885
4886 if($query2 -> num_rows() >= 1) $checklistID = $res2[
    checklistID'];
4887 else $checklistID = false;
4888
4889 if($checklistID){
4890     $data2 = array(
4891         'updateStatus' => 'Rejected',
4892         'approvedBy' => $facultyid,
4893         'approvedOn' => $date
4894     );
4895     $this->db->where('UPCD_ID', $patientid);
4896     $this->db->where('patientchecklistversionID',
        $checklistID);
4897     $this->db->update('patientchecklistversion', $data2);
4898 }
4899
4900 // MED AND SOC HISTO
4901 $this->db->select_max('medhistoID');
4902 $this->db->where('UPCD_ID', $patientid);
4903 $query3 = $this->db->get('medicalhistory');
4904 $res3 = $query3->row_array();
4905
4906 if($query3 -> num_rows() >= 1) $medhistoID = $res3[
    medhistoID'];
4907 else $medhistoID = false;
4908
4909 if($medhistoID){
4910     $data3 = array(
4911         'updateStatus' => 'Rejected',
4912         'approvedBy' => $facultyid,
4913         'approvedOn' => $date
4914     );
4915     $this->db->where('UPCD_ID', $patientid);
4916     $this->db->where('medandsochistoverionID',
        $medhistoID);
4917     $this->db->update('medandsochistoverion', $data3);
4918 }
4919
4920 // DENTAL DATA
4921 $this->db->select_max('denthistoID');
4922 $this->db->where('UPCD_ID', $patientid);
4923 $query4 = $this->db->get('dentalhistory');
4924 $res4 = $query4->row_array();
4925
4926 if($query4 -> num_rows() >= 1) $denthistoID = $res4[
    denthistoID'];
4927 else $denthistoID = false;
4928
4929 if($denthistoID){
4930     $data4 = array(
4931         'updateStatus' => 'Rejected',
4932         'approvedBy' => $facultyid,
4933         'approvedOn' => $date
4934     );
4935     $this->db->where('UPCD_ID', $patientid);
4936     $this->db->where('dentaldataversionID',
        $denthistoID);
4937     $this->db->update('dentaldataversion', $data4);
4938 }
4939
4940 // DENTAL CHART
4941 $this->db->select_max('dentalchartID');
4942 $this->db->where('UPCD_ID', $patientid);
4943 $query5 = $this->db->get('dentalchart');
4944 $res5 = $query5->row_array();
4945
4946 if($query5 -> num_rows() >= 1) $dentalchartID =
    $res5['dentalchartID'];
4947 else $dentalchartID = false;
4948
4949 if($dentalchartID){
4950     $data5 = array(
4951         'updateStatus' => 'Rejected',
4952         'approvedBy' => $facultyid,
4953         'approvedOn' => $date
4954     );
4955     $this->db->where('UPCD_ID', $patientid);
4956     $this->db->where('dentalchartversionID',
        $dentalchartID);
4957     $this->db->update('dentalchartversion', $data5);
4958 }
4959
4960 // TREATMENTPLAN
4961 $this->db->select_max('treatmentplanID');
4962 $this->db->where('UPCD_ID', $patientid);
4963 $query6 = $this->db->get('treatmentplan');
4964
4965 $res6 = $query6->row_array();
4966
4967 if($query6 -> num_rows() >= 1) $treatmentplanID =
    $res6['treatmentplanID'];
4968 else $treatmentplanID = false;
4969
4970 if($treatmentplanID){
4971     $data6 = array(
4972         'updateStatus' => 'Rejected',
4973         'approvedBy' => $facultyid,
4974         'approvedOn' => $date
4975     );
4976     $this->db->where('UPCD_ID', $patientid);
4977     $this->db->where('treatmentplanversionID',
        $treatmentplanID);
4978     $this->db->update('treatmentplanversion', $data6);
4979 }
4980
4981 // RADIOGRAPHIC EXAM
4982 $this->db->select_max('radioexamID');
4983 $this->db->where('UPCD_ID', $patientid);
4984 $query7 = $this->db->get('radiographicexam');
4985 $res7 = $query7->row_array();
4986
4987 if($query7 -> num_rows() >= 1) $radioexamID = $res7
    ['radioexamID'];
4988 else $radioexamID = false;
4989
4990 if($radioexamID){
4991     $data7 = array(
4992         'updateStatus' => 'Rejected',
4993         'approvedBy' => $facultyid,
4994         'approvedOn' => $date
4995     );
4996     $this->db->where('UPCD_ID', $patientid);
4997     $this->db->where('radioexamversionID',
        $radioexamID);
4998     $this->db->update('radioexamversion', $data7);
4999 }
5000
5001 // SERVICES RENDERED
5002 $this->db->select_max('servicesrenderedID');
5003 $this->db->where('UPCD_ID', $patientid);
5004 $query8 = $this->db->get('servicesrendered');
5005 $res8 = $query8->row_array();
5006
5007 if($query8 -> num_rows() >= 1) $servicesrenderedID =
    $res8['servicesrenderedID'];
5008 else $servicesrenderedID = false;
5009
5010 if($servicesrenderedID){
5011     $data8 = array(
5012         'updateStatus' => 'Rejected',
5013         'approvedBy' => $facultyid,
5014         'approvedOn' => $date
5015     );
5016     $this->db->where('UPCD_ID', $patientid);
5017     $this->db->where('servicesrenderedversionID',
        $servicesrenderedID);
5018     $this->db->update('servicesrenderedversion', $data8);
5019 }
5020
5021 // CONSULTATION AND FINDINGS
5022 $this->db->select_max('confindID');
5023 $this->db->where('UPCD_ID', $patientid);
5024 $query9 = $this->db->get('consultationandfindings');
5025 $res9 = $query9->row_array();
5026
5027 if($query9 -> num_rows() >= 1) $confindID = $res9[
    confindID'];
5028 else $confindID = false;
5029
5030 if($confindID){
5031     $data9 = array(
5032         'updateStatus' => 'Rejected',
5033         'approvedBy' => $facultyid,
5034         'approvedOn' => $date
5035     );
5036     $this->db->where('UPCD_ID', $patientid);
5037     $this->db->where('confindversionID', $confindID);
5038     $this->db->update('confindversion', $data9);
5039 }
5040 }
5041
5042 function isLatestForApproval($patientid){
5043     $query = $this->db->get('patientinfoversion');*/
5044
5045     $this->db->select_max('patientinfoversionID');
5046     $this->db->where('UPCD_ID', $patientid);
5047     $query = $this->db->get('patientinfoversion');
5048     $res = $query->row_array();
5049
5050     $maxID = $res['patientinfoversionID'];
5051
5052     $this -> db -> select('updateStatus');
5053     $this -> db -> from('patientinfoversion');
5054     $this->db->where('patientinfoversionID', $maxID);

```

```

5056
5057 $query = $this->db->get();
5058 $res2 = $query->row_array();
5059 if($res2){
5060     $versionID = $res2['updateStatus'];
5061 }
5062 else
5063     $versionID = false;
5064
5065 if($versionID == 'Pending')
5066     {
5067         return true;
5068     }
5069     else
5070     {
5071         return false;
5072     }
5073 }
5074
5075 function isLatestForApproval2($patientid){
5076     $this->db->select_max('patientchecklistversionID');
5077     $this->db->where('UPCD_ID', $patientid);
5078     $query = $this->db->get('patientchecklistversion');
5079     $res = $query->row_array();
5080
5081     $maxID = $res['patientchecklistversionID'];
5082
5083     $this->db->select('updateStatus');
5084     $this->db->from('patientchecklistversion');
5085     $this->db->where('patientchecklistversionID', $maxID)
5086     ;
5087
5088     $query = $this->db->get();
5089     $res2 = $query->row_array();
5090     if($res2){
5091         $versionID = $res2['updateStatus'];
5092     }
5093     else
5094         $versionID = false;
5095
5096     if($versionID == 'Pending')
5097         {
5098             return true;
5099         }
5100         else
5101         {
5102             return false;
5103         }
5104     }
5105 }
5106
5107 function isLatestForApproval3($patientid){
5108     $this->db->select_max('medandsochistoverionID');
5109     $this->db->where('UPCD_ID', $patientid);
5110     $query = $this->db->get('medandsochistoverion');
5111     $res = $query->row_array();
5112
5113     $maxID = $res['medandsochistoverionID'];
5114
5115     $this->db->select('updateStatus');
5116     $this->db->from('medandsochistoverion');
5117     $this->db->where('medandsochistoverionID', $maxID)
5118     ;
5119
5120     $query = $this->db->get();
5121     $res2 = $query->row_array();
5122     if($res2){
5123         $versionID = $res2['updateStatus'];
5124     }
5125     else
5126         $versionID = false;
5127
5128     if($versionID == 'Pending')
5129         {
5130             return true;
5131         }
5132         else
5133         {
5134             return false;
5135         }
5136     }
5137
5138 function isLatestForApproval4($patientid){
5139     $this->db->select_max('dentaldataversionID');
5140     $this->db->where('UPCD_ID', $patientid);
5141     $query = $this->db->get('dentaldataversion');
5142     $res = $query->row_array();
5143
5144     $maxID = $res['dentaldataversionID'];
5145
5146     $this->db->select('updateStatus');
5147     $this->db->from('dentaldataversion');
5148     $this->db->where('dentaldataversionID', $maxID);
5149
5150     $query = $this->db->get();
5151     $res2 = $query->row_array();
5152     if($res2){
5153         $versionID = $res2['updateStatus'];
5154     }
5155     else
5156         $versionID = false;
5157
5158     if($versionID == 'Pending')
5159         {
5160             return true;
5161         }
5162         else
5163         {
5164             return false;
5165         }
5166     }
5167
5168 function isLatestForApproval5($patientid){
5169     $this->db->select_max('dentalchartversionID');
5170     $this->db->where('UPCD_ID', $patientid);
5171     $query = $this->db->get('dentalchartversion');
5172     $res = $query->row_array();
5173
5174     $maxID = $res['dentalchartversionID'];
5175
5176     $this->db->select('updateStatus');
5177     $this->db->from('dentalchartversion');
5178     $this->db->where('dentalchartversionID', $maxID);
5179
5180     $query = $this->db->get();
5181     $res2 = $query->row_array();
5182     if($res2){
5183         $versionID = $res2['updateStatus'];
5184     }
5185     else
5186         $versionID = false;
5187
5188     if($versionID == 'Pending')
5189         {
5190             return true;
5191         }
5192         else
5193         {
5194             return false;
5195         }
5196     }
5197
5198 function isLatestForApproval6($patientid){
5199     $this->db->select_max('treatmentplanversionID');
5200     $this->db->where('UPCD_ID', $patientid);
5201     $query = $this->db->get('treatmentplanversion');
5202     $res = $query->row_array();
5203
5204     $maxID = $res['treatmentplanversionID'];
5205
5206     $this->db->select('updateStatus');
5207     $this->db->from('treatmentplanversion');
5208     $this->db->where('treatmentplanversionID', $maxID);
5209
5210     $query = $this->db->get();
5211     $res2 = $query->row_array();
5212     if($res2){
5213         $versionID = $res2['updateStatus'];
5214     }
5215     else
5216         $versionID = false;
5217
5218     if($versionID == 'Pending')
5219         {
5220             return true;
5221         }
5222         else
5223         {
5224             return false;
5225         }
5226     }
5227
5228 function isLatestForApproval7($patientid){
5229     $this->db->select_max('radioexamversionID');
5230     $this->db->where('UPCD_ID', $patientid);
5231     $query = $this->db->get('radioexamversion');
5232     $res = $query->row_array();
5233
5234     $maxID = $res['radioexamversionID'];
5235
5236     $this->db->select('updateStatus');
5237     $this->db->from('radioexamversion');
5238     $this->db->where('radioexamversionID', $maxID);
5239
5240     $query = $this->db->get();
5241     $res2 = $query->row_array();
5242     if($res2){
5243         $versionID = $res2['updateStatus'];
5244     }
5245     else
5246         $versionID = false;
5247
5248     if($versionID == 'Pending')
5249         {
5250             return true;
5251         }
5252         else

```

```

5252     {
5253     } return false;
5254     }
5255 }
5256
5257 function isLatestForApproval8($patientid){
5258     $this->db->select_max('servicesrenderedversionID');
5259     $this->db->where('UPCD_ID', $patientid);
5260     $query = $this->db->get('servicesrenderedversion');
5261     $res = $query->row_array();
5262
5263     $maxID = $res['servicesrenderedversionID'];
5264
5265     $this -> db -> select('updateStatus');
5266     $this -> db -> from('servicesrenderedversion');
5267     $this->db->where('servicesrenderedversionID', $maxID
        );
5268
5269     $query = $this -> db -> get();
5270     $res2 = $query->row_array();
5271     if ($res2){
5272         $versionID = $res2['updateStatus'];
5273     }
5274     else
5275         $versionID = false;
5276
5277     if($versionID == 'Pending')
5278     {
5279         return true;
5280     }
5281     else
5282     {
5283         return false;
5284     }
5285 }
5286
5287 function isLatestForApproval9($patientid){
5288     $this->db->select_max('confindversionID');
5289     $this->db->where('UPCD_ID', $patientid);
5290     $query = $this->db->get('confindversion');
5291     $res = $query->row_array();
5292
5293     $maxID = $res['confindversionID'];
5294
5295     $this -> db -> select('updateStatus');
5296     $this -> db -> from('confindversion');
5297     $this->db->where('confindversionID', $maxID);
5298
5299     $query = $this -> db -> get();
5300     $res2 = $query->row_array();
5301     if ($res2){
5302         $versionID = $res2['updateStatus'];
5303     }
5304     else
5305
5306         $versionID = false;
5307
5308     if($versionID == 'Pending')
5309     {
5310         return true;
5311     }
5312     else
5313     {
5314         return false;
5315     }
5316 }
5317
5318 function updateTaskClinician($patientid, $userid){
5319     $data2 = array(
5320         'clinicianID' => $userid
5321     );
5322     $this->db->where('UPCD_ID', $patientid);
5323     $this->db->update('studenttasks', $data2);
5324 }
5325
5326 function forApproval($patient){
5327     $this->db->select_max('patientdashboardversionID');
5328     $this->db->where('UPCD_ID7', $patient);
5329     $query = $this->db->get('patientdashboardversion');
5330     $res = $query->row_array();
5331
5332     $maxID = $res['patientdashboardversionID'];
5333
5334     $this -> db -> select('updateStatus7');
5335     $this -> db -> from('patientdashboardversion');
5336     $this->db->where('patientdashboardversionID',
        $maxID);
5337
5338     $query = $this -> db -> get();
5339     $res2 = $query->row_array();
5340     if ($res2){
5341         $versionID = $res2['updateStatus7'];
5342     }
5343     else
5344         $versionID = false;
5345
5346     if($versionID == 'Pending')
5347     {
5348         return true;
5349     }
5350     else
5351     {
5352         return false;
5353     }
5354 }
5355 }
5356 }
5357 ?>

```

Listing 3: user.php

```

1 <?php
2 Class User extends CL_Model
3 {
4     function login($username, $password)
5     {
6         $this -> db -> select('salt');
7         $this -> db -> from('users_auth');
8         $this -> db -> where('username', $username);
9         $this -> db -> limit(1);
10        $query = $this -> db -> get();
11        $result = $query -> result_array();
12
13        foreach($result as $row){
14            $saltx = $row['salt'];
15        }
16
17        $salted = hash("sha256", $password.$saltx);
18
19
20        $this -> db -> select('userID, username, userpwd'
        );
21        $this -> db -> from('users_auth');
22        $this -> db -> where('username', $username);
23        $this -> db -> where('userpwd', $salted);
24        $this -> db -> limit(1);
25
26        $query = $this -> db -> get();
27
28        if($query -> num_rows() == 1)
29        {
30            return $query->result();
31        }
32        else
33        {
34            return false;
35        }
36    }
37
38    function getRole($userID){
39
40        $this -> db -> select('roleID, role_type, role_section')
41
42        $this -> db -> from('users_role');
43        $this -> db -> where('userID', $userID);
44
45        $query = $this -> db -> get();
46
47        if($query -> num_rows() >= 1)
48        {
49            return $query->result_array();
50        }
51        else
52        {
53            return false;
54        }
55    }
56
57    function getUserInfo($userID){
58
59        $this -> db -> select('userFName, userMName,
        userLName');
60        $this -> db -> from('users');
61        $this -> db -> where('userID', $userID);
62        $this -> db -> limit(1);
63
64        $query = $this -> db -> get();
65
66        if($query -> num_rows() == 1)
67        {
68            return $query->row_array();
69        }
70        else
71        {
72            return false;
73        }
74    }
75
76    function getUserInfopt1($userID){
77
78        $this -> db -> select('userFName, userMName,
        userLName');
79        $this -> db -> from('users');
80        $this -> db -> where('userID', $userID);
81        $this -> db -> limit(1);

```

```

81
82 $query = $this -> db -> get();
83
84 if($query -> num_rows() >= 1)
85 {
86     return $query->result_array();
87 }
88 else
89 {
90     return false;
91 }
92 }
93
94 function getUserInfo2($userID){
95
96     $this -> db -> select('userFName, userMName,
97         userLName');
98     $this -> db -> from('users');
99     $this -> db -> where('userID', $userID);
100     $this -> db -> limit(1);
101
102 $query = $this -> db -> get();
103
104 if($query -> num_rows() == 1)
105 {
106     return $query->row_array();
107 }
108 else
109 {
110     return "none";
111 }
112 }
113
114 function getUserInfo3($username){
115     $this -> db -> select('userFName, userMName,
116         userLName');
117     $this -> db -> from('users');
118     $this->db->join('users_auth', 'users.userID =
119         users_auth.userID');
120     $this -> db -> where('users_auth.username',
121         $username);
122     $this -> db -> limit(1);
123
124 $query = $this -> db -> get();
125
126 if($query -> num_rows() == 1)
127 {
128     return $query->result_array();
129 }
130 else
131 {
132     return false;
133 }
134 }
135
136 function getUserID($username){
137     $this -> db -> select('userID');
138     $this -> db -> from('users_auth');
139     $this -> db -> where('username', $username);
140
141 $query = $this -> db -> get();
142
143 if($query -> num_rows() >= 1)
144 {
145     return $query->row_array();
146 }
147 else
148 {
149     return false;
150 }
151 }
152
153 function selectUsers(){
154     $this -> db -> select('users.userID, users.userFName,
155         users.userMName, users.userLName, users_auth.
156         username');
157     $this -> db -> from('users', 'users_auth');
158     $this->db->join('users_auth', 'users.userID =
159         users_auth.userID');
160     $query = $this -> db -> get();
161
162 if($query -> num_rows() >= 1)
163 {
164     return $query->result();
165 }
166 else
167 {
168     return false;
169 }
170 }
171
172 function selectUsersBySection($section){
173     $this -> db -> select('users.userID, users.userFName,
174         users.userMName, users.userLName, users_auth.
175         username, users_role.role_type');
176     $this -> db -> from('users', 'users_auth',
177         'users_role');
178     $this->db->join('users_auth', 'users.userID =
179         users_auth.userID');
180     $this->db->join('users_role', 'users.userID =
181         users_role.userID');
182     $this->db->where('users_role.role_section', $section);
183     $query = $this -> db -> get();
184
185 if($query -> num_rows() >= 1)
186 {
187     return $query->result_array();
188 }
189 else
190 {
191     return false;
192 }
193 }
194
195 function getUsers($section){
196     $this -> db -> select('userID, role_section');
197     $this -> db -> from('users_role');
198     $this->db->where('role_section', $section);
199     $this->db->where('role_type', 'Student');
200     $query = $this -> db -> get();
201
202 if($query -> num_rows() >= 1)
203 {
204     return $query->result_array();
205 }
206 else
207 {
208     return false;
209 }
210 }
211
212 function selectUsers_pt2($name, $uname){
213     $query = $this->db->query("SELECT users_role.
214         role_type, users_role.role_section FROM users_role,
215         users_auth, users WHERE users.userID =
216         users_auth.userID AND users.userID = users_role.
217         userID AND users_auth.username='$uname'");
218
219 if($query -> num_rows() >= 1)
220 {
221     return $query->result();
222 }
223 else
224 {
225     return false;
226 }
227 }
228
229 function selectUsers2($userID){
230     $this -> db -> select('users.userID, users.userFName,
231         users.userMName, users.userLName, users_auth.
232         username, users_auth.userpwd, users_role.
233         role_type, users_role.role_section, users_role.
234         role_date, users_auth.secret_question, users_auth.
235         secret_answer');
236     $this -> db -> from('users', 'users_auth', '
237         users_role');
238     $this->db->join('users_auth', 'users.userID =
239         users_auth.userID');
240     $this->db->join('users_role', 'users.userID =
241         users_role.userID');
242     $this->db->where('users.userID', $userID);
243     $query = $this -> db -> get();
244
245 if($query -> num_rows() >= 1)
246 {
247     return $query->result();
248 }
249 else
250 {
251     return false;
252 }
253 }
254
255 function searchUser($string){
256     $query = $this->db->query("SELECT users.userID,
257         users.userFName, users.userMName, users.
258         userLName, users_auth.username FROM users_auth
259         , users WHERE users.userID = users_auth.userID
260         AND (users.userFName='$string' OR users.
261         userMName='$string' OR users.userLName='
262         $string')");
263
264 if($query -> num_rows() >= 1)
265 {
266     return $query->result();
267 }
268 else
269 {
270     return false;
271 }
272 }
273
274 function getMName($username){
275     $query = $this->db->query("SELECT userMName

```

```

FROM users, users_auth WHERE users.userID = 337
users_auth.userID AND users_auth.username = ' 338
$username"";
249
250 if($query -> num_rows() >= 1) 339
251 { 340
252     return $query->result(); 341
253 } 342
254 else 343
255 { 344
256     return false; 345
257 } 346
258 } 347
259 } 348
260 function changePword($username, $password){ 349
261     $intermediateSalt = md5(uniqid(rand(), true)); 350
262     $salt = substr($intermediateSalt, 0, 6); 351
263     $salted = hash("sha256", $password.$salt); 352
264 353
265     $data3 = array( 354
266         'userpwd' => $salted, 355
267         'salt' => $salt); 356
268     $this->db->where('username', $username); 357
269     $this->db->update('users_auth', $data3); 358
270 } 359
271 360
272 function getUsers($fname, $mname, $lname){ 361
273     $query = $this->db->query("SELECT username 362
FROM users_auth, users WHERE users.userID = 363
users_auth.userID AND (users.userFName !=' 364
$fname' OR users.userMName!='$mname' OR 365
users.userLName!='$lname')"); 366
274 367
275 if($query -> num_rows() >= 1) 368
276 { 369
277     return $query->result(); 370
278 } 371
279 else 372
280 { 373
281     return false; 374
282 } 375
283 } 376
284 377
285 function getUsers2($userID){ 378
286     $this -> db -> select('username'); 379
287     $this -> db -> from('users_auth'); 380
288     $this -> db -> where('userID !=', $userID); 381
289 382
290     $query = $this -> db -> get(); 383
291 384
292 if($query -> num_rows() >= 1) 385
293 { 386
294     return $query->result_array(); 387
295 } 388
296 else 389
297 { 390
298     return false; 391
299 } 392
300 } 393
301 394
302 function addUser($lname, $fname, $mname, $role, 395
$section, $username, $password, $date, $secques, 396
$secans){ 397
303     $this -> db -> select('salt'); 398
304     $this -> db -> from('users_auth'); 399
305     $this -> db -> where('username', $username); 400
306     $this -> db -> limit(1); 401
307     $query = $this -> db -> get(); 402
308     $result = $query -> result_array(); 403
309     $saltx = ""; 404
310     foreach($result as $row){ 405
311         $saltx = $row['salt']; 406
312     } 407
313     $salted = hash("sha256", $password.$saltx); 408
314 409
315     $this -> db -> select('users.userID'); 410
316     $this -> db -> from('users'); 411
317     $this->db->join('users_auth', 'users.userID = 412
users_auth.userID');
318     $this -> db -> where('users_auth.username', 413
$username);
319     $this -> db -> where('users_auth.userpwd', $salted); 414
320     $this -> db -> where('users.userFName', $fname); 415
321     $this -> db -> where('users.userLName', $lname); 416
322     $this -> db -> where('users.userMName', $mname); 417
323     $userID = 0; 418
324 419
325     $query = $this -> db -> get()->result_array(); 420
326     foreach($query as $row){ 421
327         $userID = $row['userID']; 422
328     } 423
329 424
330 425
331 if($userID != 0){ 426
332     $maxroleID = 0;
333
334     $this->db->select_max('roleID');
335     $query1 = $this->db->get('users_role');
336     $res1 = $query1->row_array();
if($query1 -> num_rows() >= 1) $maxroleID = $res1[
roleID'];
339
340 $data2 = array(
341     'roleID' => $maxroleID+1,
342     'userID' => $userID,
343     'role_type' => $role,
344     'role_section' => $section);
345     $this->db->insert('users_role', $data2);
346
347 }
348 else{
349     $maxuserID = 0;
350
351     $this->db->select_max('userID');
352     $query1 = $this->db->get('users');
353     $res1 = $query1->row_array();
354
355     if($query1 -> num_rows() >= 1) $maxuserID = $res1[
userID'];
356
357     $data = array(
358         'userID' => $maxuserID+1,
359         'userLName' => $lname,
360         'userFName' => $fname,
361         'userMName' => $mname);
362     $this->db->insert('users', $data);
363
364     $this -> db -> select('userID');
365     $this -> db -> from('users');
366     $this -> db -> where('userLName', $lname);
367     $this -> db -> where('userFName', $fname);
368     $this -> db -> where('userMName', $mname);
369
370     $result = $this->db->get()->result_array();
371     foreach($result as $row){
372         $userID = $row['userID'];
373     }
374
375     $this->db->select_max('roleID');
376     $query1 = $this->db->get('users_role');
377     $res1 = $query1->row_array();
378
379     if($query1 -> num_rows() >= 1) $maxroleID = $res1[
roleID'];
380
381     $data2 = array(
382         'roleID' => $maxroleID+1,
383         'userID' => $userID,
384         'role_type' => $role,
385         'role_section' => $section,
386         'role_date' => $date);
387     $this->db->insert('users_role', $data2);
388
389     $intermediateSalt = md5(uniqid(rand(), true));
390     $salt = substr($intermediateSalt, 0, 6);
391     $salted = hash("sha256", $password.$salt);
392
393     $this->db->select_max('authID');
394     $query1 = $this->db->get('users_auth');
395     $res1 = $query1->row_array();
396
397     if($query1 -> num_rows() >= 1) $maxauthID = $res1[
authID'];
398
399     $data3 = array(
400         'authID' => $maxauthID+1,
401         'userID' => $userID,
402         'username' => $username,
403         'userpwd' => $salted,
404         'salt' => $salt,
405         'secret_question' => $secques,
406         'secret_answer' => $secans);
407     $this->db->insert('users_auth', $data3);
408
409 }
410
411 function deleteUser($userID, $userID2, $date){
412     $this->db->delete('users', array('userID' => $userID
));
413     $this->db->delete('users_role', array('userID' =>
$userID));
414     $this->db->delete('users_auth', array('userID' =>
$userID));
415
416     $audit = array(
417         'committedBy' => $userID2,
418         'action' => 'DELETE',
419         'form' => 'Users',
420         'committedTo' => $userID,
421         'committedOn' => $date);
422     $this->db->insert('audittrail', $audit);
423
424 }
425
426 function editUser($userID, $userID2, $lname, $fname,
$mname, $roleID, $role, $section, $username,
$password, $date, $secques, $secans){
    $data = array(

```



```

427     'userLName' => $lname,
428     'userFName' => $fname,
429     'userMName' => $mname);
430 $this->db->where('userID', $userID);
431 $this->db->update('users', $data);
432
433 for($i=0; $i<sizeof($role); $i++){
434     $data2 = array(
435         'role_type' => $role[$i],
436         'role_section' => $section[$i];
437     $this->db->where('userID', $userID);
438     $this->db->where('roleID', $roleID[$i]);
439     $this->db->update('users_role', $data2);
440 }
441
442 $intermediateSalt = md5(uniqid(rand(), true));
443 $salt = substr($intermediateSalt, 0, 6);
444 $salted = hash("sha256", $password.$salt);
445
446 $data3 = array(
447     'username' => $username,
448     'userpwd' => $salted,
449     'salt' => $salt,
450     'secret_question' => $secques,
451     'secret_answer' => $secans);
452 $this->db->where('userID', $userID);
453 $this->db->update('users_auth', $data3);
454
455 $maxauditID = 0;
456
457 $this->db->select_max('audittrailID');
458 $query1 = $this->db->get('audittrail');
459 $res1 = $query1->row_array();
460
461 if($query1 -> num_rows() >= 1) $maxauditID = $res1['
    audittrailID'];
462
463 $audit = array(
464     'audittrailID' => $maxauditID+1,
465     'committedBy' => $userID2,
466     'action' => 'UPDATE',
467     'form' => 'Users',
468     'committedTo' => $userID,
469     'committedOn' => $date);
470 $this->db->insert('audittrail', $audit);
471
472 }
473
474 function getAuditTrail(){
475     $this -> db -> select('*');
476     $this -> db -> from('audittrail');
477
478     $query = $this -> db -> get();
479
480     if($query -> num_rows() >= 1)
481     {
482         return $query->result_array();
483     }
484     else
485     {
486         return false;
487     }
488 }
489
490 function addAuditTrail($committedBy, $action, $form,
    $committedTo, $date){
491
492     $maxauditID = 0;
493
494     $this->db->select_max('audittrailID');
495     $query1 = $this->db->get('audittrail');
496     $res1 = $query1->row_array();
497
498     if($query1 -> num_rows() >= 1) $maxauditID = $res1['
        audittrailID'];
499
500     $audit = array(
501         'audittrailID' => $maxauditID+1,
502         'committedBy' => $committedBy,
503         'action' => $action,
504         'form' => $form,
505         'committedTo' => $committedTo,
506         'committedOn' => $date);
507     $this->db->insert('audittrail', $audit);
508
509 }
510
511 function searchAuditTrail($text, $from, $to, $action,
    $form){
512     $actionq = "";
513     $formq = "";
514
515     if($action != ""){
516         $actionq = "AND action = '$action'";
517     }
518     if($form != ""){
519         $formq = "AND form = '$form'";
520     }
521
522     $query = $this->db->query("SELECT * FROM users,
        users_auth, audittrail WHERE users.userID =
        users_auth.userID AND users.userID = audittrail.
        committedBy AND (users.userFName='$text' OR
        users.userMName='$text' OR users.userLName='
        $text' OR users_auth.username='$text') $actionq
        $formq");
523
524     if($query -> num_rows() >= 1)
525     {
526         return $query->result_array();
527     }
528     else
529     {
530         return false;
531     }
532 }
533
534 function getUsernameTrue($userID){
535     $this -> db -> select('username');
536     $this -> db -> from('users_auth');
537     $this -> db -> where('userID', $userID);
538
539     $query = $this -> db -> get();
540
541     if($query -> num_rows() >= 1)
542     {
543         return $query->row_array();
544     }
545     else
546     {
547         return false;
548     }
549 }
550
551 function getAuditDate(){
552     $this -> db -> select('committedOn');
553     $this -> db -> from('audittrail');
554
555     $query = $this -> db -> get();
556
557     if($query -> num_rows() >= 1)
558     {
559         return $query->result_array();
560     }
561     else
562     {
563         return false;
564     }
565 }
566
567 function getUsernames3(){
568     $this -> db -> select('username');
569     $this -> db -> from('users_auth');
570
571     $query = $this -> db -> get();
572
573     if($query -> num_rows() >= 1)
574     {
575         return $query->result_array();
576     }
577     else
578     {
579         return false;
580     }
581 }
582
583 function getSecQues($username){
584     $this -> db -> select('secret_question');
585     $this -> db -> from('users_auth');
586     $this -> db -> where('username', $username);
587
588     $query = $this -> db -> get();
589
590     if($query -> num_rows() >= 1)
591     {
592         return $query->result_array();
593     }
594     else
595     {
596         return false;
597     }
598 }
599
600 function getSecAns($username){
601     $this -> db -> select('secret_answer');
602     $this -> db -> from('users_auth');
603     $this -> db -> where('username', $username);
604
605     $query = $this -> db -> get();
606
607     if($query -> num_rows() >= 1)
608     {
609         return $query->result_array();
610     }
611     else
612     {
613         return false;
614     }

```

```

615     }
616   }
617 }

```

3. controllers

Listing 4: addpatient.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class AddPatient extends CI_Controller {
4
5   function __construct()
6   {
7     parent::__construct();
8     $this->load->model('user','TRUE');
9     $this->load->model('patient','TRUE');
10  }
11
12  function index(){
13    $session_data = $this->session->userdata('logged_in');
14    if($this->session->userdata('logged_in'))
15    {
16      $bool = false;
17      $sec = $session_data['section'];
18      foreach($sec as $row){
19        if($row == "Oral Diagnosis"){
20          $bool = true;
21          break;
22        }
23      }
24
25      if($bool){
26        $session_data = $this->session->userdata('logged_in');
27        $data['username'] = $session_data['username'];
28        $this->load->helper(array('form'));
29
30        $ID = $this->patient->getMaxId();
31        if($ID == false){
32          $yr = date("y");

```

```
618 ?>
```

```

33     $ID[0]['UPCD_ID'] = $yr."-00000";
34   }
35   foreach($SID as $row){
36     $supcid[] = $row['UPCD_ID'];
37   }
38   foreach($supcid as $row){
39     $explode = explode('-', $row, 2);
40     $ctr [] = intval($explode[1]);
41   }
42
43   $max=0;
44   for($i=0; $i<sizeof($ctr); $i++){
45     if($ctr[$i] > $max){
46       $max = $ctr[$i];
47     }
48   }
49   $data['maxID'] = $max;
50
51   $this->load->view('addpatient_view', $data);
52 }
53 else
54   redirect('home', 'refresh');
55 }
56 else
57 {
58   //If no session, redirect to login page
59   redirect('login', 'refresh');
60 }
61 }
62 }
63 }
64 }
65 }
66 }
67 ?>

```

Listing 5: adduser.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class Adduser extends CI_Controller {
4
5   function __construct()
6   {
7     parent::__construct();
8     $this->load->model('user','TRUE');
9   }
10
11  function index(){
12    $session_data = $this->session->userdata('logged_in');
13    if($this->session->userdata('logged_in'))
14    {
15      $bool = false;
16      $role = $session_data['role'];
17      foreach($role as $row){
18        if($row == "System Administrator"){
19          $bool = true;
20          break;

```

```

21   }
22 }
23
24 if($bool){
25   $session_data = $this->session->userdata('logged_in');
26   $data['username'] = $session_data['username'];
27   $data['invalid'] = false;
28   $this->load->helper(array('form'));
29   $this->load->view('adduser_view', $data);
30 }
31 else
32   redirect('home', 'refresh');
33 }
34 else
35 {
36   //If no session, redirect to login page
37   redirect('login', 'refresh');
38 }
39 }
40 }
41 }
42 }
43 }
44 ?>

```

Listing 6: changepassword.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class ChangePassword extends CI_Controller {
4
5   function __construct()
6   {
7     parent::__construct();
8     $this->load->model('user','TRUE');
9     $this->load->model('patient','TRUE');
10  }
11

```

```

12  function index()
13  {
14    if($this->session->userdata('logged_in'))
15    {
16      $this->load->helper(array('form'));
17      $this->load->view('changepassword_view');
18    }
19  }
20  else
21    redirect('login');
22 }
23 }
24 }
25 ?>

```

Listing 7: claimpatientrecord.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class ClaimPatientRecord extends CI_Controller {
4
5   function __construct()
6   {
7     parent::__construct();

```

```

8     $this->load->model('patient','TRUE');
9   }
10
11  function index()
12  {
13    if($this->session->userdata('logged_in'))
14    {
15      $session_data = $this->session->userdata('logged_in');
16      $data['username'] = $session_data['username'];

```

```

17
18
19
20 redirect('loaddashboard/patientdb/'.$id);
21 }
22 else
23 {
24     //If no session, redirect to login page
25     redirect('login', 'refresh');
26 }
27 }

```

Listing 8: clearpatient.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class ClearPatient extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('user','TRUE');
9         $this->load->model('patient','TRUE');
10    }
11
12    function index()
13    {
14        if($this->session->userdata('logged_in'))
15        {
16            $session_data = $this->session->userdata('logged_in
17            ');
18            $data['username'] = $session_data['username'];
19
20            $data2 = $this->user->getUserID($data['username']);
21            $userID = $data2['userID'];
22            $data3 = $this->user->getRole($userID);

```

Listing 9: database.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class ConsultationAndFindings extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient','TRUE');
9         $this->load->model('user','TRUE');
10    }
11
12    function patient(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if($row != "System Maintenance"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if($bool){
26                $id = $this->uri->segment(3);
27                $version = "";
28
29                $data = $this->patient->getPatient($id);
30                $ptnt_array = array();
31                foreach($data as $row){
32                    $ptnt_array = array(
33                        'id' => $row['UPCD.ID'],
34                        'name' => $row['patientFName']." ".substr($row[
35                            'patientMName'], 0, 1)." ". $row[
36                            'patientLName'],
37                        'age' => $row['age'],
38                        'address' => $row['houseno']." ".$row['street']." ".
39                            $row['brgy']." ". $row['city']." ". $row[
40                                'province'],
41                        'gender' => $row['gender']
42                    );
43
44                    $this->session->set_userdata('current_patient',
45                        $ptnt_array);
46
47                    if($this->uri->segment(4) == ""){
48                        $ver = $this->patient->getLatest9($id);
49                        foreach($ver as $row){
50                            $version = $row['confindID'];
51                        }
52                    }
53                }
54            }
55            else

```

```

28
29 function logout()
30 {
31     $this->session->unset_userdata('logged_in');
32     session_destroy();
33     redirect('home', 'refresh');
34 }
35 }
36 }
37 }
38 ?>

```

```

22
23 $session_data = $this->session->userdata('
  current_patient');
24 $id = $session_data['id'];
25
26 $this->patient->clearPatient($id);
27
28 }
29 else
30 {
31     //If no session, redirect to login page
32     redirect('login', 'refresh');
33 }
34 }
35
36 function logout()
37 {
38     $this->session->unset_userdata('logged_in');
39     session_destroy();
40     redirect('home', 'refresh');
41 }
42 }
43 }
44 }
45 ?>

```

```

51     $version = $this->uri->segment(4);
52
53     $this->load->helper(array('form'));
54     $data = $this->patient->getPatient($id);
55
56     $data['recordexist'] = false;
57
58     $userID222 = $session_data['username'];
59     $userID22 = $this->user->getUserID($userID222);
60     $userID2 = $userID22['userID'];
61     $date = date("Y-m-d");
62
63     $clinicianID = $this->patient->isClinician($id);
64
65     if($this->patient->hasConFind($id)){
66         $data['info'] = $this->patient->
67             getPatientInfoConFind($id);
68         $data['recordexist'] = true;
69     }
70
71     if($this->patient->isLatestForApproval9($id)){
72         $this->user->addAuditTrail($userID2, 'SELECT', '
73             Consultation and Findings', $id, $date);
74         redirect('consultationandfindings/view/'.$id);
75     }else{
76         if($clinicianID!=$userID2){
77             redirect('consultationandfindings/view/'.$id);
78         }
79     }else{
80         $this->load->view('consultationandfindings_view',
81             $data);
82     }
83     else
84     {
85         redirect('home', 'refresh');
86     }
87     else
88     {
89         //If no session, redirect to login page
90         redirect('login', 'refresh');
91     }
92 }
93
94 function view(){
95     $session_data = $this->session->userdata('logged_in');
96     if($this->session->userdata('logged_in'))
97     {
98         $bool = false;
99         $sec = $session_data['section'];
100        foreach($sec as $row){
101            if($row != "System Maintenance"){
102                $bool = true;
103                break;
104            }
105        }

```

```

106 if($bool){
107     $id = $this->uri->segment(3);
108     $version = "";
109
110     $data = $this->patient->getPatient($id);
111     $ptnt_array = array();
112     foreach($data as $row){
113         $ptnt_array = array(
114             'id' => $row['UPCD.ID'],
115             'name' => $row['patientFName']." ".substr($row[
                patientMName'], 0, 1).". ".$row[
                patientLName'],
116             'age' => $row['age'],
117             'address' => $row['housesno']." ".$row['street']." ".
                $row['brgy']." ". $row['city']." ". $row[
                province'],
118             'gender' => $row['gender']
119         );
120     }
121
122     $this->session->set_userdata('current_patient',
        $ptnt_array);
123
124
125
126     if($this->uri->segment(4) == ""){
127         $ver = $this->patient->getLatest9($id);
128         foreach($ver as $row){
129             $version = $row['confindID'];
130         }
131     }
132     else
133         $version = $this->uri->segment(4);
134
135     $this->load->helper(array('form'));
136     $data = $this->patient->getPatient($id);
137
138     $data['recordexist'] = false;
139
140     $userID222 = $session_data['username'];
141     $userID22 = $this->user->getUserID($userID222);
142
143     $userID2 = $userID22['userID'];
144     $date = date("Y-m-d");
145
146     $clinicianID = $this->patient->isClinician($id);
147     $data['private'] = false;
148     $data['forapproval'] = false;
149
150     if($this->patient->hasConFind($id)){
151         $data['info'] = $this->patient->
            getPatientInfoConFindRO($id, $version);
152         $data['recordexist'] = true;
153     }
154
155     if($this->patient->isLatestForApproval9($id)){
156         $data['forapproval'] = true;
157     }
158
159     if($clinicianID!=$userID2){
160         $data['private'] = true;
161     }
162
163     $this->user->addAuditTrail($userID2, 'SELECT', '
        Consultation and Findings', $id, $date);
164
165     $this->load->view('
        consultationandfindingsreadonly_view', $data);
166 }
167 else
168     redirect('home', 'refresh');
169 }
170 else
171     {
172         //If no session, redirect to login page
173         redirect('login', 'refresh');
174     }
175 }
176 }
177 }
178 ?>

```

Listing 10: database.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3 class ConsultationAndFindings extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient',TRUE);
9         $this->load->model('user',TRUE);
10    }
11
12    function patient(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if($row != "System Maintenance"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if($bool){
26                $id = $this->uri->segment(3);
27                $version = "";
28
29                $data = $this->patient->getPatient($id);
30                $ptnt_array = array();
31                foreach($data as $row){
32                    $ptnt_array = array(
33                        'id' => $row['UPCD.ID'],
34                        'name' => $row['patientFName']." ".substr($row[
                            patientMName'], 0, 1).". ".$row[
                            patientLName'],
35                        'age' => $row['age'],
36                        'address' => $row['housesno']." ".$row['street']." ".
                            $row['brgy']." ". $row['city']." ". $row[
                            province'],
37                        'gender' => $row['gender']
38                    );
39                }
40
41                $this->session->set_userdata('current_patient',
                    $ptnt_array);
42
43
44
45                if($this->uri->segment(4) == ""){
46                    $ver = $this->patient->getLatest9($id);
47                    foreach($ver as $row){
48                        $version = $row['confindID'];
49                    }
50                }
51                else
52                    $version = $this->uri->segment(4);
53
54                $this->load->helper(array('form'));
55                $data = $this->patient->getPatient($id);
56
57                $data['recordexist'] = false;
58
59                $userID222 = $session_data['username'];
60                $userID22 = $this->user->getUserID($userID222);
61                $userID2 = $userID22['userID'];
62                $date = date("Y-m-d");
63
64                $clinicianID = $this->patient->isClinician($id);
65
66                if($this->patient->hasConFind($id)){
67                    $data['info'] = $this->patient->
                        getPatientInfoConFind($id);
68                    $data['recordexist'] = true;
69                }
70
71                if($this->patient->isLatestForApproval9($id)){
72                    $this->user->addAuditTrail($userID2, 'SELECT', '
                            Consultation and Findings', $id, $date);
73                    redirect('consultationandfindings/view/'.$id);
74                }else{
75                    if($clinicianID!=$userID2){
76                        redirect('consultationandfindings/view/'.$id);
77                    }
78                    else{
79                        $this->load->view('consultationandfindings_view',
                            $data);
80                    }
81                }
82            }
83            else
84                redirect('home', 'refresh');
85        }
86        else
87            {
88                //If no session, redirect to login page
89                redirect('login', 'refresh');
90            }
91    }
92
93    function view(){
94        $session_data = $this->session->userdata('logged_in');
95        if($this->session->userdata('logged_in'))
96        {
97            $bool = false;
98            $sec = $session_data['section'];
99            foreach($sec as $row){
100                if($row != "System Maintenance"){
101                    $bool = true;

```

```

102     break;
103 }
104 }
105
106 if($bool){
107     $id = $this->uri->segment(3);
108     $version = "";
109
110     $data = $this->patient->getPatient($id);
111     $ptnt_array = array();
112     foreach($data as $row){
113         $ptnt_array = array(
114             'id' => $row['UPCD_ID'],
115             'name' => $row['patientFName']." ".substr($row['
                patientMName'], 0, 1)." ". $row['
                patientLName'],
116             'age' => $row['age'],
117             'address' => $row['houseNo']." ". $row['street']." ".
                $row['brgy']." ". $row['city']." ". $row['
                province'],
118             'gender' => $row['gender']
119         );
120     }
121
122     $this->session->set_userdata('current_patient',
        $ptnt_array);
123
124
125
126     if($this->uri->segment(4) == ""){
127         $ver = $this->patient->getLatest9($id);
128         foreach($ver as $row){
129             $version = $row['confindID'];
130         }
131     }
132     else
133         $version = $this->uri->segment(4);
134
135     $this->load->helper(array('form'));
136     $data = $this->patient->getPatient($id);
137
138     $data['recordexist'] = false;
139
140     $userID222 = $session_data['username'];
141     $userID22 = $this->user->getUserID($userID222);
142     $userID2 = $userID22['userID'];
143     $date = date("Y-m-d");
144
145     $clinicianID = $this->patient->isClinician($id);
146     $data['private'] = false;
147     $data['forapproval'] = false;
148
149     if($this->patient->hasConFind($id)){
150         $data['info'] = $this->patient->
            getPatientInfoConFindRO($id, $version);
151         $data['recordexist'] = true;
152     }
153
154     if($this->patient->isLatestForApproval9($id)){
155         $data['forapproval'] = true;
156     }
157
158     if($clinicianID!=$userID2){
159         $data['private'] = true;
160     }
161
162     $this->user->addAuditTrail($userID2, 'SELECT', '
        Consultation and Findings', $id, $date);
163     $this->load->view('
        consultationandfindingsreadonly-view', $data);
164 }
165 else
166     redirect('home', 'refresh');
167 }
168 else
169     {
170         //If no session, redirect to login page
171         redirect('login', 'refresh');
172     }
173 }
174 }
175 }
176 }
177 }
178 ?>

```

Listing 11: deletesched.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3
4 class DeleteSched extends CI_Controller {
5
6     function __construct()
7     {
8         parent::__construct();
9         $this->load->model('user', TRUE);
10        $this->load->model('patient', TRUE);
11    }
12
13    function delete(){
14        $session_data = $this->session->userdata('logged_in');
15        if($this->session->userdata('logged_in'))
16        {
17            $bool = false;
18            $role = $session_data['role'];
19            foreach($role as $row){
20                if($row == "Student"){
21                    $bool = true;
22                    break;
23                }
24            }
25        }

```

```

26    if($bool){
27        $userID222 = $session_data['username'];
28        $userID22 = $this->user->getUserID($userID222);
29        $userID2 = $userID22['userID'];
30        $date = date("Y-m-d");
31
32        $patientID = $this->uri->segment(3);
33        $this->patient->deleteAppointment($patientID,
            $userID2, $date);
34
35
36        redirect('viewappointments');
37
38    }
39    }
40    else{
41        redirect('home', 'refresh');
42    }
43    }
44    else
45        {
46            //If no session, redirect to login page
47            redirect('login', 'refresh');
48        }
49    }
50 }
51 }
52 }
53 ?>

```

Listing 12: deleteuser.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3
4 class DeleteUser extends CI_Controller {
5
6     function __construct()
7     {
8         parent::__construct();
9         $this->load->model('user', TRUE);
10    }
11
12    function delete(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $role = $session_data['role'];
18            foreach($role as $row){
19                if($row == "System Administrator"){

```

```

20            $bool = true;
21            break;
22        }
23    }
24
25    if($bool){
26        $userID222 = $session_data['username'];
27        $userID22 = $this->user->getUserID($userID222);
28        $userID2 = $userID22['userID'];
29        $date = date("Y-m-d");
30
31        $userID = $this->uri->segment(3);
32
33
34        $this->user->deleteUser($userID, $userID2, $date);
35
36        $this->load->helper(array('form'));
37        $data2['users'] = $this->user->selectUsers();
38        foreach($data2['users'] as $row){
39            $name = $row->userFName." ". $row->userLName;
40            $uname = $row->username;
41            $data2['users2'][$uname] = $this->user->
            selectUsers_pt2($name, $uname);

```

```

42     }
43 }
44
45 $session_data = $this->session->userdata('logged_in'
46 );
47 $data2['username'] = $session_data['username'
48 ];
49
50 $this->load->view('manageusers.view', $data2);
51 }
52 else{

```

```

53     redirect('home', 'refresh');
54 }
55 }
56 else
57 {
58     //If no session, redirect to login page
59     redirect('login', 'refresh');
60 }
61 }
62 }
63 }
64 }
65 ?>

```

Listing 13: dentalchart.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class DentalChart extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient', TRUE);
9         $this->load->model('user', TRUE);
10    }
11
12    function patient(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if($row != "System Maintenance"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if($bool){
26                $id = $this->uri->segment(3);
27                $version = "";
28
29                $data = $this->patient->getPatient($id);
30                $ptnt_array = array();
31                foreach($data as $row){
32                    $ptnt_array = array(
33                        'id' => $row['UPCD_ID'],
34                        'name' => $row['patientFName']." ".substr($row['
  patientMName'], 0, 1)." ".$row['
  patientLName'],
35                        'age' => $row['age'],
36                        'address' => $row['houseno']." ".$row['street']." "
  $row['brgy']." ".$row['city']." ".$row['
  province'],
37                        'gender' => $row['gender']
38                    );
39                }
40
41                $this->session->set_userdata('current_patient',
  $ptnt_array);
42
43
44                if($this->uri->segment(4) == ""){
45                    $ver = $this->patient->getLatest5($id);
46                    foreach($ver as $row){
47                        $version = $row['dentalchartID'];
48                    }
49                }
50            }
51            else
52                $version = $this->uri->segment(4);
53
54            $this->load->helper(array('form'));
55            $data = $this->patient->getPatient($id);
56
57            $data['recordexist'] = false;
58
59            $userID222 = $session_data['username'];
60            $userID22 = $this->user->getUserID($userID222);
61            $userID2 = $userID22['userID'];
62            $date = date("Y-m-d");
63
64            if($this->patient->hasDentalChart($id)){
65                $data['info'] = $this->patient->
  getPatientInfoDentalChart($id);
66                $data['recordexist'] = true;
67            }
68
69            $clinicianID = $this->patient->isClinician($id);
70
71            if($this->patient->isLatestForApproval5($id)){
72                $this->user->addAuditTrail($userID2, 'SELECT', '
  Dental Status Chart', $id, $date);
73                redirect('dentalchart/view/'.$id);

```

```

74    }else{
75        if($clinicianID!=$userID2){
76            redirect('dentalchart/view/'.$id);
77        }
78    }else{
79        $this->load->view('dentalchart.view', $data);
80    }
81 }
82 }
83 else
84     redirect('home', 'refresh');
85 }
86 else
87 {
88     //If no session, redirect to login page
89     redirect('login', 'refresh');
90 }
91 }
92 }
93 }
94 function view(){
95     $session_data = $this->session->userdata('logged_in');
96     if($this->session->userdata('logged_in'))
97     {
98         $bool = false;
99         $sec = $session_data['section'];
100        foreach($sec as $row){
101            if($row != "System Maintenance"){
102                $bool = true;
103                break;
104            }
105        }
106
107        if($bool){
108            $id = $this->uri->segment(3);
109            $version = "";
110
111            $data = $this->patient->getPatient($id);
112            $ptnt_array = array();
113            foreach($data as $row){
114                $ptnt_array = array(
115                    'id' => $row['UPCD_ID'],
116                    'name' => $row['patientFName']." ".substr($row['
  patientMName'], 0, 1)." ".$row['
  patientLName'],
117                    'age' => $row['age'],
118                    'address' => $row['houseno']." ".$row['street']." "
  $row['brgy']." ".$row['city']." ".$row['
  province'],
119                    'gender' => $row['gender']
120                );
121            }
122
123            $this->session->set_userdata('current_patient',
  $ptnt_array);
124
125
126            if($this->uri->segment(4) == ""){
127                $ver = $this->patient->getLatest5($id);
128                foreach($ver as $row){
129                    $version = $row['dentalchartID'];
130                }
131            }
132            else
133                $version = $this->uri->segment(4);
134
135            $this->load->helper(array('form'));
136            $data = $this->patient->getPatient($id);
137
138            $data['recordexist'] = false;
139
140            $userID222 = $session_data['username'];
141            $userID22 = $this->user->getUserID($userID222);
142            $userID2 = $userID22['userID'];
143            $date = date("Y-m-d");
144
145            $clinicianID = $this->patient->isClinician($id);
146            $data['private'] = false;
147            $data['forapproval'] = false;
148
149            if($this->patient->hasDentalChart($id)){
150                $data['info'] = $this->patient->
  getPatientInfoDentalChartRO($id, $version);
151                $data['recordexist'] = true;
152            }

```

```

152
153     if ($this->patient->isLatestForApproval5($id)){
154         $data['forapproval'] = true;
155     }
156
157     if ($clinicianID!=$userID2){
158         $data['private'] = true;
159     }
160
161     $this->user->addAuditTrail($userID2, 'SELECT', '
162         Dental Status Chart', $id, $date);
163     $this->load->view('dentalchartreadonly_view', $data
164         );
165 }
166
167
168
169
170
171
172
173
174
175
176
177

```

Listing 14: dentaldata.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
2 session_start(); //we need to call PHP's session object to
3 class DentalData extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient',TRUE);
9         $this->load->model('user',TRUE);
10    }
11
12    function patient(){
13        $session_data = $this->session->userdata('logged_in');
14        if ($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if ($row != "System Maintenance"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if ($bool){
26                $id = $this->uri->segment(3);
27                $version = "";
28
29                $data = $this->patient->getPatient($id);
30                $ptnt_array = array();
31                foreach($data as $row){
32                    $ptnt_array = array(
33                        'id' => $row['UPCD.ID'],
34                        'name' => $row['patientFName']." ".substr($row[
35                            'patientMName'], 0, 1)." ".$row[
36                            'patientLName'],
37                        'age' => $row['age'],
38                        'address' => $row['houseno']." ".$row['street']." ".
39                            $row['brgy']." ".$row['city']." ".$row[
40                                'province'],
41                        'gender' => $row['gender']
42                    );
43                }
44                $this->session->set_userdata('current_patient',
45                    $ptnt_array);
46
47                if ($this->uri->segment(4) == ""){
48                    $ver = $this->patient->getLatest4($id);
49                    foreach($ver as $row){
50                        $version = $row['denthistoID'];
51                    }
52                }
53                else
54                    $version = $this->uri->segment(4);
55
56                $this->load->helper(array('form'));
57                $data = $this->patient->getPatient($id);
58
59                $data['recordexist'] = false;
60
61                $this->session->set_userdata('current_patient',
62                    $ptnt_array);
63
64                $userID222 = $session_data['username'];
65                $userID22 = $this->user->getUserID($userID222);
66                $userID2 = $userID22['userID'];
67                $date = date("Y-m-d");
68
69                $clinicianID = $this->patient->isClinician($id);
70
71                if ($this->patient->hasDentalData($id)){
72                    $data['info'] = $this->patient->
73                        getPatientInfoDentalData($id);
74                    $data['recordexist'] = true;
75                }
76
77                if ($this->patient->isLatestForApproval4($id)){
78
79                    $this->user->addAuditTrail($userID2, 'SELECT', '
80                        Dental Data', $id, $date);
81                    redirect('dentaldata/view/'.$id);
82                }else{
83                    if ($clinicianID!=$userID2){
84                        redirect('dentaldata/view/'.$id);
85                    }
86                    else{
87                        $this->load->view('dentaldata_view', $data);
88                    }
89                }
90                else
91                    redirect('home', 'refresh');
92            }
93            else
94            {
95                //If no session, redirect to login page
96                redirect('login', 'refresh');
97            }
98        }
99    }
100
101    function view(){
102        $session_data = $this->session->userdata('logged_in');
103        if ($this->session->userdata('logged_in'))
104        {
105            $bool = false;
106            $sec = $session_data['section'];
107            foreach($sec as $row){
108                if ($row != "System Maintenance"){
109                    $bool = true;
110                    break;
111                }
112            }
113
114            if ($bool){
115                $id = $this->uri->segment(3);
116                $version = "";
117
118                $data = $this->patient->getPatient($id);
119                $ptnt_array = array();
120                foreach($data as $row){
121                    $ptnt_array = array(
122                        'id' => $row['UPCD.ID'],
123                        'name' => $row['patientFName']." ".substr($row[
124                            'patientMName'], 0, 1)." ".$row[
125                            'patientLName'],
126                        'age' => $row['age'],
127                        'address' => $row['houseno']." ".$row['street']." ".
128                            $row['brgy']." ".$row['city']." ".$row[
129                                'province'],
130                        'gender' => $row['gender']
131                    );
132                }
133                $this->session->set_userdata('current_patient',
134                    $ptnt_array);
135
136                if ($this->uri->segment(4) == ""){
137                    $ver = $this->patient->getLatest4($id);
138                    foreach($ver as $row){
139                        $version = $row['denthistoID'];
140                    }
141                }
142                else
143                    $version = $this->uri->segment(4);
144
145                $this->load->helper(array('form'));
146                $data = $this->patient->getPatient($id);
147
148                $data['recordexist'] = false;
149
150                $userID222 = $session_data['username'];
151                $userID22 = $this->user->getUserID($userID222);
152                $userID2 = $userID22['userID'];
153                $date = date("Y-m-d");
154
155                $clinicianID = $this->patient->isClinician($id);
156                $data['private'] = false;
157            }
158        }
159    }
160
161 }
162
163
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```

```

150     $data['forapproval'] = false;
151
152     if ($this->patient->hasDentalData($id)){
153         $data['info'] = $this->patient->
            getPatientInfoDentalDataRO($id, $version);
154         $data['recordexist'] = true;
155     }
156
157     if ($this->patient->isLatestForApproval4($id)){
158         $data['forapproval'] = true;
159     }
160
161     if ($clinicianID!=$userID2){
162         $data['private'] = true;
163         // redirect ('dentalchart/view/'. $id);
164     }
165
166     $this->user->addAuditTrail($userID2, 'SELECT', '
            Dental Data', $id, $date);
167     $this->load->view('dentaldatareadonly.view', $data)
            ;
168 }
169 else
170     redirect ('home', 'refresh');
171 }
172 else
173     {
174         //If no session, redirect to login page
175         redirect ('login', 'refresh');
176     }
177 }
178 }
179 }
180 }
181 }
182 ?>

```

Listing 15: edituser.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3
4 class EditUser extends CI_Controller {
5
6     function __construct ()
7     {
8         parent::__construct ();
9         $this->load->model('user','TRUE');
10    }
11
12    function edit () {
13        $session_data = $this->session->userdata('logged_in');
14        if ($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $role = $session_data['role'];
18            foreach ($role as $row) {
19                if ($row == "System Administrator") {
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if ($bool) {
26                $userID = $this->uri->segment(3);
27
28                $session_data2 = $this->session->userdata('has_error'
                    );
29
30                $data2['info'] = $this->user->selectUsers2($userID);
31                $role = $this->user->getRole($userID);
32                foreach ($role as $row) {
33                    $role2[] = $row['role_type'];
34                    $section[] = $row['role_section'];
35                    $roleID[] = $row['roleID'];
36                }
37                $data2['userID'] = $userID;
38                $data2['section'] = $section;
39                $data2['role2'] = $role2;
40                $data2['roleIDt'] = $roleID;
41
42                $this->load->helper(array('form'));
43                $session_data = $this->session->userdata('logged_in');
44                $data2['username'] = $session_data['username'];
45                $data2['invalid_input'] = false;
46                $this->load->view('edituser.view', $data2);
47            }
48            else {
49                redirect ('home', 'refresh');
50            }
51        }
52        else
53        {
54            //If no session, redirect to login page
55            redirect ('login', 'refresh');
56        }
57    }
58 }
59 }
60 }
61 ?>

```

Listing 16: facultytasks.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2
3 class FacultyTasks extends CI_Controller {
4
5     function __construct ()
6     {
7         parent::__construct ();
8         $this->load->model('patient','TRUE');
9         $this->load->model('user','TRUE');
10    }
11
12    function index ()
13    {
14        $session_data = $this->session->userdata('logged_in');
15        if ($this->session->userdata('logged_in'))
16        {
17            $bool = false;
18            $role = $session_data['role'];
19            foreach ($role as $row) {
20                if ($row == "Faculty") {
21                    $bool = true;
22                    break;
23                }
24            }
25
26            if ($bool) {
27                $sec = $session_data['section'];
28
29                $section = "";
30                foreach ($sec as $row) {
31                    if ($row != "System Maintenance") {
32                        $section = $row;
33                    }
34                }
35                $idx = $this->user->getUserID($session_data[
                    'username']);
36                $facultyID = $idx['userID'];
37
38                $data['info'] = $this->patient->getFacultyTask(
                    $section, $facultyID);
39                $data['info2'] = $this->patient->getStudentTask(
                    $section, $facultyID);
40
41                $this->load->view('facultytasks.view', $data);
42            }
43            else {
44                redirect ('home', 'refresh');
45            }
46        }
47        //If no session, redirect to login page
48        redirect ('login', 'refresh');
49    }
50 }
51 }
52 }
53 ?>

```

Listing 17: forgotpword.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3
4 class ForgotPword extends CI_Controller {
5
6     function __construct ()
7     {
8         parent::__construct ();
9
10    }
11
12    function index ()
13    {
14        if ($this->session->userdata('logged_in'))
15        {
16            redirect ('home', 'refresh');
17        }
18        else {
19            $this->load->helper(array('form'));
20            $this->load->view('forgotpword.view');
21        }
22    }
23 }

```


22
23 }
24

Listing 18: home.php

```
1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class Home extends CI_Controller {
4
5   function __construct ()
6   {
7     parent::__construct ();
8     $this->load->model('user','TRUE');
9     $this->load->model('patient','TRUE');
10  }
11
12  function index()
13  {
14    if($this->session->userdata('logged_in'))
15    {
16      $session_data = $this->session->userdata('logged_in
17      ');
18      $data['username'] = $session_data['username'];
19
20      $data2 = $this->user->getUserID($data['username']);
21      $userID = $data2['userID'];
22      $data3 = $this->user->getRole($userID);
23
24      foreach($data3 as $row){
25        $role[] = $row['role_type'];
26        $sect[] = $row['role_section'];
27      }
28
29      $section = "";
30      foreach($sect as $row){
31        if($row != "System Maintenance"){
32          $section = $row;
33          break;
34        }
35      }
36      if($section == ""){
37        $section = "System Maintenance";
38      }
39
40      $role = "";
41      foreach($role as $row){
42        if($row != "System Administrator"){
43          $role = $row;
44          break;
45        }
46      }
47      if($role == ""){
48        $role = "System Administrator";
49      }
50
51      $user = $this->user->getUserID($session_data['
```

Listing 19: loaddashboard.php

```
1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class LoadDashboard extends CI_Controller {
4
5   function __construct ()
6   {
7     parent::__construct ();
8     $this->load->model('patient','TRUE');
9     $this->load->model('user','TRUE');
10  }
11
12  function patientdb(){
13    $session_data = $this->session->userdata('logged_in');
14    if($this->session->userdata('logged_in'))
15    {
16      $bool = false;
17      $role = $session_data['role'];
18      foreach($role as $row){
19        if($row != "System Administrator"){
20          $bool = true;
21          break;
22        }
23      }
24
25      if($bool){
26        $this->session->unset_userdata('has_error');
27        $id = $this->uri->segment(3);
28
29        $this->load->helper('array');
30        $data = $this->patient->getPatient($id);
31
32        $ptnt_array = array();
33        foreach($data as $row){
34          $ptnt_array = array(
```

25 ?>

```
        username]);
51      $userID = $user['userID'];
52
53      $data2['factasks'] = false;
54      $data2['users'] = false;
55      $data2['appointments'] = $this->patient->
56      getAppointments($userID);
57      //print_r($data2['appointments']);
58      if($role == "Faculty") $data2['factasks'] = $this->
59      patient->getFacultyTask($section, $userID);
60      if($role == "System Administrator") {
61        $data2['users'] = $this->user->selectUsers();
62        foreach($data2['users'] as $row){
63          $name = $row->userFName." ".$row->userLName;
64          $uname = $row->username;
65          $data2['users2'][$uname] = $this->user->
66          selectUsers_pt2($name, $uname);
67        }
68      }
69      $data2['tasks'] = $this->patient->getStudentTask(
70      $section, $userID);
71      $data2['section'] = $section;
72      $this->load->helper('array');
73      $this->load->view('home.view', $data2);
74    }
75    else
76    {
77      //If no session, redirect to login page
78      redirect('login', 'refresh');
79    }
80  }
81  function logout()
82  {
83    $session_data = $this->session->userdata('
84    logged_in');
85    $username = $session_data['username'];
86    $id = $this->user->getUserID($username);
87    $sid = $id['userID'];
88    $date = date("Y-m-d");
89
90    $this->user->addAuditTrail($sid, 'LOGOUT', 'Users', ''
91    , $date);
92    echo "Logging out";
93
94    $this->session->unset_userdata('logged_in');
95    session_destroy();
96    redirect('home', 'refresh');
97  }
98 }
99 ?>
```

```
        'id' => $row['UPCD_ID'],
35        'name' => $row['patientFName']." ".substr(
36        $row['patientMName'], 0, 1)." ".$row['
37        patientLName'],
38        'age' => $row['age'],
39        'address' => $row['houseno']." ".$row['street']." ".
40        $row['brgy']." ".$row['city']." ".$row['
41        province'],
42        'gender' => $row['gender']
43      );
44
45      $this->session->set_userdata('current_patient'
46      , $ptnt_array);
47      $data['recordexist'] = false;
48
49      $stata = $this->patient->getPatientRecordStatus($id
50      );
51      $status = "";
52      foreach($stata as $row){
53        $status = $row['status'];
54      }
55
56      $idx = $this->user->getUserID($session_data['
57      username']);
58      $userID = $idx['userID'];
59      $data['rejected'] = false;
60      $data['remarksInfo'] = false;
61
62      $userID222 = $session_data['username'];
63      $userID22 = $this->user->getUserID($userID222);
64      $userID2 = $userID22['userID'];
65      $date = date("Y-m-d");
66
67      $clinicianID = $this->patient->isClinician($id);
68
69      if($this->patient->getPatientDashboardStatus3($id)
70      ){
```

```

65     $data['remarksInfo'] = $this->patient->
66         getRemarks2($id, $userID);
67     }
68     $dec = $this->patient->getPatientDashboardStatus2
69         ($id);
70     $decision = "";
71     if($dec){
72         foreach($dec as $row){
73             $decision = $row['updateStatus7'];
74         }
75     }
76     if($status == "for approval"){
77         if($clinicianID==$userID && $decision == "
78             Rejected"){
79             $data['rejected'] = true;
80             $this->patient->deleteStudentTask($id);
81             $this->load->view('patientdashboard_view', $data)
82             ;
83         }
84     }
85     else
86     {
87         $this->load->view('patientdashboardpending_view'
88             , $data);
89     }
90     else{
91         if($clinicianID!=$userID){
92             $this->load->view('patientdashboardprivate_view',
93                 $data);
94         }
95     }
96     else{
97         $this->load->view('patientdashboard_view', $data)
98         ;
99     }
100     $this->patient->deleteStudentTask($id); }
101 }
102 }
103 }
104 }
105 }
106 }
107 function verifyentry() {
108     $session_data = $this->session->userdata('logged_in');
109     if($this->session->userdata('logged_in'))
110     {
111         $bool = false;
112         $role = $session_data['role'];
113         foreach($role as $row){
114             if($row == "Faculty"){
115                 $bool = true;
116                 break;
117             }
118         }
119     }
120     if($bool){
121         $this->session->unset_userdata('has_error');
122         $id = $this->uri->segment(3);
123         $this->load->helper(array('form'));
124         $data = $this->patient->getPatient($id);
125         $pntnt_array = array();
126         foreach($data as $row){
127             $pntnt_array = array(
128                 'id' => $row['UPCD_ID'],
129                 'name' => $row['patientFName']." ".substr(
130                     $row['patientMName'], 0, 1)." ". $row['
131                     patientLName'],
132                 'age' => $row['age'],
133                 'address' => $row['houseno']." ". $row['street'] ." ".
134                     $row['brgy'] ." ", " ". $row['city'] ." ", " ". $row['
135                     province'],
136                 'gender' => $row['gender']
137             );
138         }
139         $data['services'] = $this->patient->
140             getPatientInfoTreatmentPlan($id);
141         if($data['services']) {
142             $data['servicetrue'] = true;
143         }
144     }
145     else
146     {
147         $data['servicetrue'] = false;
148     }
149     $session_data = $this->session->userdata('logged_in'
150         );
151     $data['sec'] = $session_data['section'];
152     $this->session->set_userdata('current_patient'
153         , $pntnt_array);
154     $data['recordexist'] = false;
155     $data['remarkVisible'] = false;
156 }
157 }
158 }
159 }
160 }
161 }
162 }
163 }
164 }
165 }
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991 }
992 }
993 }
994 }
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997 }
998 }
999 }
1000 }

```

```

239     if (! $this->patient->isClinician($id)){
240         $this->load->view('patientdashboardclaim.view',
241             $data);
242     }
243     else{
244         $clinicianID = $this->patient->isClinician($id);
245
246         $roles = $this->user->getRole($clinicianID);
247         $sect2 = "";
248         foreach($roles as $row2){
249             $sect2 = $row2['role.section'];
250         }
251
252         if($sect2 == $section){
253             redirect('loaddashboard/patientdb/'.$id);
254         }
255         else{
256             $this->load->view('patientdashboardclaim.view',
257                 $data);
258         }
259     }
260 }
261 }
262 else
263     redirect('facultytasks');
264 }
265 else
266     {
267         //If no session, redirect to login page
268         redirect('login', 'refresh');
269     }
270 }
271 }
272
273 function clmptnt(){
274     $session_data = $this->session->userdata('logged_in');
275     if($this->session->userdata('logged_in'))

```

```

276     {
277     $bool = false;
278     $role = $session_data['role'];
279     foreach($role as $row){
280         if($row == "Student"){
281             $bool = true;
282             break;
283         }
284     }
285
286     if($bool){
287         $this->session->unset_userdata('has_error');
288         $id = $this->uri->segment(3);
289
290         $this->load->helper(array('form'));
291
292         $username = $session_data['username'];
293         $ids = $this->user->getUserID($username);
294         $facultyid = $ids['userID'];
295
296         $this->patient->updateClinician($id, $facultyid);
297
298         redirect('loaddashboard/patientdb/'.$id);
299     }
300     else
301         redirect('home');
302 }
303 else
304     {
305         //If no session, redirect to login page
306         redirect('login', 'refresh');
307     }
308 }
309 }
310 }
311 }
312 }
313 }
314 ?>

```

Listing 20: login.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3
4 class Login extends CI_Controller {
5
6     function __construct ()
7     {
8         parent::__construct ();
9     }
10
11     function index()

```

```

12 {
13     if($this->session->userdata('logged_in'))
14     {
15         redirect('home', 'refresh');
16     }
17     else{
18         $this->load->helper(array('form'));
19         $this->load->view('login.view');
20     }
21 }
22 }
23 }
24 }
25 ?>

```

Listing 21: manageusers.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3
4 class ManageUsers extends CI_Controller {
5
6     function __construct ()
7     {
8         parent::__construct ();
9         $this->load->model('user', TRUE);
10     }
11
12     function index(){
13         $session_data = $this->session->userdata('logged_in');
14         if($this->session->userdata('logged_in'))
15         {
16             $bool = false;
17             $role = $session_data['role'];
18             foreach($role as $row){
19                 if($row == "System Administrator"){
20                     $bool = true;
21                     break;
22                 }
23             }
24
25             if($bool){
26                 $this->load->helper(array('form'));
27                 $data2['users'] = $this->user->selectUsers();
28                 foreach($data2['users'] as $row){
29                     $name = $row->userFName." ".$row->userLName;
30                     $uname = $row->username;
31                     $data2['users2'][$uname] = $this->user->
32                         selectUsers_pt2($name, $uname);

```

```

31     }
32
33     $userID222 = $session_data['username'];
34     $userID22 = $this->user->getUserID($userID222);
35     $userID2 = $userID22['userID'];
36     $date = date("Y-m-d");
37
38     $this->user->addAuditTrail($userID2, 'SELECT', '
39         Users', "", $date);
40
41
42
43     $session_data = $this->session->userdata('logged_in'
44         );
45     $data2['username'] = $session_data['username'
46         ];
47
48     $this->load->view('manageusers.view', $data2);
49 }
50 else{
51     redirect('home', 'refresh');
52 }
53 }
54 else
55     {
56         //If no session, redirect to login page
57         redirect('login', 'refresh');
58     }
59 }
60 }
61 }
62 ?>

```

Listing 22: medandsochistory.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class PatientChecklist extends CI_Controller {
4
5   function __construct ()
6   {
7     parent::__construct ();
8     $this->load->model('patient','TRUE');
9     $this->load->model('user','TRUE');
10  }
11
12  function patient(){
13    $session_data = $this->session->userdata('logged_in');
14    if($this->session->userdata('logged_in'))
15    {
16      $bool = false;
17      $sec = $session_data['section'];
18      foreach($sec as $row){
19        if($row != "System Maintenance"){
20          $bool = true;
21          break;
22        }
23      }
24
25      if($bool){
26        $id = $this->uri->segment(3);
27        $version = "";
28
29        $data = $this->patient->getPatient($id);
30        $ptnt_array = array();
31        foreach($data as $row){
32          $ptnt_array = array(
33            'id' => $row['UPCD_ID'],
34            'name' => $row['patientFName']." ".substr($row['
              patientMName'], 0, 1).". ". $row['
              patientLName'],
35            'age' => $row['age'],
36            'address' => $row['houseno']. " ". $row['street']. " " .
              $row['brgy']. " ". $row['city']. " ". $row['
              province'],
37            'gender' => $row['gender']
38          );
39        }
40
41        $this->session->set_userdata('current_patient',
              $ptnt_array);
42
43
44        if($this->uri->segment(4) == ""){
45          $ver = $this->patient->getLatest2($id);
46          foreach($ver as $row){
47            $version = $row['checklistID'];
48          }
49        }
50        else
51          $version = $this->uri->segment(4);
52
53        $this->load->helper(array('form'));
54        $data = $this->patient->getPatient($id);
55
56        $data['recordexist'] = false;
57
58        $userID222 = $session_data['username'];
59        $userID22 = $this->user->getUserID($userID222);
60        $userID2 = $userID22['userID'];
61        $date = date("Y-m-d");
62
63        if($this->patient->hasPatientChecklist($id)){
64          $data['info'] = $this->patient->
              getPatientInfoPatientChecklist($id);
65          $data['recordexist'] = true;
66        }
67
68        $clinicianID = $this->patient->isClinician($id);
69
70        if($this->patient->isLatestForApproval2($id)){
71          $this->user->addAuditTrail($userID2, 'SELECT', '
              Patient Checklist', $id, $date);
72          redirect (' patientchecklist /view/'. $id);
73        }else{
74          if ($clinicianID!=$userID2){
75            redirect (' patientchecklist /view/'. $id);
76          }
77          else{
78            $this->user->addAuditTrail($userID2, 'SELECT', '
              Patient Checklist', $id, $date);
79            $this->load->view('patientchecklist_view', $data);
80          }
81        }
82      }
83      else
84        redirect ('home', 'refresh');
85    }
86  }else
87  {
88    //If no session, redirect to login page

```

```

89     redirect ('login', 'refresh');
90   }
91 }
92
93
94 function view(){
95   $session_data = $this->session->userdata('logged_in');
96   if($this->session->userdata('logged_in'))
97   {
98     $bool = false;
99     $sec = $session_data['section'];
100    foreach($sec as $row){
101      if($row != "System Maintenance"){
102        $bool = true;
103        break;
104      }
105    }
106
107    if($bool){
108      $id = $this->uri->segment(3);
109      $version = "";
110
111      $data = $this->patient->getPatient($id);
112      $ptnt_array = array();
113      foreach($data as $row){
114        $ptnt_array = array(
115          'id' => $row['UPCD_ID'],
116          'name' => $row['patientFName']." ".substr($row['
              patientMName'], 0, 1).". ". $row['
              patientLName'],
117          'age' => $row['age'],
118          'address' => $row['houseno']. " ". $row['street']. " " .
              $row['brgy']. " ". $row['city']. " ". $row['
              province'],
119          'gender' => $row['gender']
120        );
121      }
122
123      $this->session->set_userdata('current_patient',
              $ptnt_array);
124
125
126      if($this->uri->segment(4) == ""){
127        $ver = $this->patient->getLatest2($id);
128        foreach($ver as $row){
129          $version = $row['checklistID'];
130        }
131      }
132      else
133        $version = $this->uri->segment(4);
134
135      $this->load->helper(array('form'));
136      $data = $this->patient->getPatient($id);
137
138      $data['recordexist'] = false;
139
140      $userID222 = $session_data['username'];
141      $userID22 = $this->user->getUserID($userID222);
142      $userID2 = $userID22['userID'];
143      $date = date("Y-m-d");
144
145      $clinicianID = $this->patient->isClinician($id);
146      $data['private'] = false;
147      $data['forapproval'] = false;
148
149      if($this->patient->hasPatientChecklist($id)){
150        $data['info'] = $this->patient->
              getPatientInfoPatientChecklistRO($id, $version)
151        ;
152        $data['recordexist'] = true;
153      }
154
155      if($this->patient->isLatestForApproval2($id)){
156        $data['forapproval'] = true;
157      }
158
159      if ($clinicianID!=$userID2){
160        $data['private'] = true;
161      }
162
163      $this->user->addAuditTrail($userID2, 'SELECT', '
              Patient Checklist', $id, $date);
164      $this->load->view('patientchecklistreadonly_view',
              $data);
165    }
166    else
167      redirect ('home', 'refresh');
168  }
169  else
170  {
171    //If no session, redirect to login page
172    redirect ('login', 'refresh');
173  }
174 }
175
176 }
177
178 ?>

```

Listing 23: database.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class PatientChecklist extends CI_Controller {
4
5   function __construct()
6   {
7     parent::__construct();
8     $this->load->model('patient','TRUE');
9     $this->load->model('user','TRUE');
10  }
11
12  function patient(){
13    $session_data = $this->session->userdata('logged_in');
14    if($this->session->userdata('logged_in'))
15    {
16      $bool = false;
17      $sec = $session_data['section'];
18      foreach($sec as $row){
19        if($row != "System Maintenance"){
20          $bool = true;
21          break;
22        }
23      }
24
25      if($bool){
26        $id = $this->uri->segment(3);
27        $version = "";
28
29        $data = $this->patient->getPatient($id);
30        $ptnt_array = array();
31        foreach($data as $row){
32          $ptnt_array = array(
33            'id' => $row['UPCD_ID'],
34            'name' => $row['patientFName']." ".substr($row['
              patientMName'], 0, 1).". ". $row['
              patientLName'],
35            'age' => $row['age'],
36            'address' => $row['houseNo']." ". $row['street']. " " .
              $row['brgy']. " " . $row['city']. " " . $row['
              province'],
37            'gender' => $row['gender']
38          );
39        }
40
41        $this->session->set_userdata('current_patient',
              $ptnt_array);
42
43
44        if($this->uri->segment(4) == ""){
45          $ver = $this->patient->getLatest2($id);
46          foreach($ver as $row){
47            $version = $row['checklistID'];
48          }
49        }
50        else
51          $version = $this->uri->segment(4);
52
53        $this->load->helper(array('form'));
54        $data = $this->patient->getPatient($id);
55
56        $data['recordexist'] = false;
57
58        $userID222 = $session_data['username'];
59        $userID22 = $this->user->getUserID($userID222);
60        $userID2 = $userID22['userID'];
61        $date = date("Y-m-d");
62
63        if($this->patient->hasPatientChecklist($id)){
64          $data['info'] = $this->patient->
              getPatientInfoPatientChecklist($id);
65          $data['recordexist'] = true;
66        }
67
68        $clinicianID = $this->patient->isClinician($id);
69
70        if($this->patient->isLatestForApproval2($id)){
71          $this->user->addAuditTrail($userID2, 'SELECT', '
              Patient Checklist', $id, $date);
72          redirect('patientchecklist/view/'.$id);
73        }else{
74          if($clinicianID!=$userID2){
75            redirect('patientchecklist/view/'.$id);
76          }
77          else{
78            $this->user->addAuditTrail($userID2, 'SELECT', '
              Patient Checklist', $id, $date);
79            $this->load->view('patientchecklist_view', $data);
80          }
81        }
82      }
83      else
84        redirect('home', 'refresh');
85    }
86  }else
87  {
88    //If no session, redirect to login page

```

```

89     redirect('login', 'refresh');
90   }
91 }
92
93
94 function view(){
95   $session_data = $this->session->userdata('logged_in');
96   if($this->session->userdata('logged_in'))
97   {
98     $bool = false;
99     $sec = $session_data['section'];
100    foreach($sec as $row){
101      if($row != "System Maintenance"){
102        $bool = true;
103        break;
104      }
105    }
106
107    if($bool){
108      $id = $this->uri->segment(3);
109      $version = "";
110
111      $data = $this->patient->getPatient($id);
112      $ptnt_array = array();
113      foreach($data as $row){
114        $ptnt_array = array(
115          'id' => $row['UPCD_ID'],
116          'name' => $row['patientFName']." ".substr($row['
              patientMName'], 0, 1).". ". $row['
              patientLName'],
117          'age' => $row['age'],
118          'address' => $row['houseNo']." ". $row['street']. " " .
              $row['brgy']. " " . $row['city']. " " . $row['
              province'],
119          'gender' => $row['gender']
120        );
121      }
122
123      $this->session->set_userdata('current_patient',
              $ptnt_array);
124
125
126      if($this->uri->segment(4) == ""){
127        $ver = $this->patient->getLatest2($id);
128        foreach($ver as $row){
129          $version = $row['checklistID'];
130        }
131      }
132      else
133        $version = $this->uri->segment(4);
134
135      $this->load->helper(array('form'));
136      $data = $this->patient->getPatient($id);
137
138      $data['recordexist'] = false;
139
140      $userID222 = $session_data['username'];
141      $userID22 = $this->user->getUserID($userID222);
142      $userID2 = $userID22['userID'];
143      $date = date("Y-m-d");
144
145      $clinicianID = $this->patient->isClinician($id);
146      $data['private'] = false;
147      $data['forapproval'] = false;
148
149      if($this->patient->hasPatientChecklist($id)){
150        $data['info'] = $this->patient->
              getPatientInfoPatientChecklistRO($id, $version)
151        ;
152        $data['recordexist'] = true;
153      }
154
155      if($this->patient->isLatestForApproval2($id)){
156        $data['forapproval'] = true;
157      }
158
159      if($clinicianID!=$userID2){
160        $data['private'] = true;
161      }
162
163      $this->user->addAuditTrail($userID2, 'SELECT', '
              Patient Checklist', $id, $date);
164      $this->load->view('patientchecklistreadonly_view',
              $data);
165    }
166    else
167      redirect('home', 'refresh');
168  }
169  else
170  {
171    //If no session, redirect to login page
172    redirect('login', 'refresh');
173  }
174 }
175
176 }
177
178 ?>

```

Listing 24: patientinformation.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class PatientInformation extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient','TRUE');
9         $this->load->model('user','TRUE');
10    }
11
12    function patient(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if($row != "System Maintenance"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if($bool){
26                $id = $this->uri->segment(3);
27                $version = "";
28
29                $data = $this->patient->getPatient($id);
30                $ptnt_array = array();
31                foreach($data as $row){
32                    $ptnt_array = array(
33                        'id' => $row['UPCD_ID'],
34                        'name' => $row['patientFName']." ".substr($row['
35                            patientMName'], 0, 1)." ". $row['
36                            patientLName'],
37                        'age' => $row['age'],
38                        'address' => $row['houseno']." ". $row['street']." " .
39                            $row['brgy']." " . $row['city']." " . $row['
40                            province'],
41                        'gender' => $row['gender']
42                    );
43
44                    $this->session->set_userdata('current_patient',
45                        $ptnt_array);
46
47                    if($this->uri->segment(4) == ""){
48                        $sver = $this->patient->getLatest1($id);
49                        foreach($sver as $row){
50                            $version = $row['patientinfoID'];
51                        }
52                    }
53                    else
54                        $version = $this->uri->segment(4);
55
56                    $this->load->helper(array('form'));
57                    $data = $this->patient->getPatient($id);
58
59                    $data['recordexist'] = false;
60
61                    $userID222 = $session_data['username'];
62                    $userID22 = $this->user->getUserID($userID222);
63                    $userID2 = $userID22['userID'];
64                    $date = date("Y-m-d");
65                    $clinicianID = $this->patient->isClinician($id);
66
67                    if($this->patient->hasPatientInfo($id)){
68                        $data['info'] = $this->patient->
69                            getPatientInfoPatientInfo($id);
70                        $data['recordexist'] = true;
71                    }
72
73                    if($this->patient->isLatestForApproval($id)){
74                        $this->user->addAuditTrail($userID2, 'SELECT', '
75                            Patient Information', $id, $date);
76                        redirect('patientinformation/view/'.$id);
77                    }else{
78                        if($clinicianID!=$userID2){
79                            redirect('patientinformation/view/'.$id);
80                        }
81                    }else{
82                        $this->load->view('patientinformation_view',
83                            $data);
84                    }
85                }
86            }
87            else
88                {
89                    //If no session, redirect to login page
90                    redirect('login', 'refresh');
91                }
92        }
93    }
94
95    function view(){
96        $session_data = $this->session->userdata('logged_in');
97        if($this->session->userdata('logged_in'))
98        {
99            $bool = false;
100           $sec = $session_data['section'];
101           foreach($sec as $row){
102               if($row != "System Maintenance"){
103                   $bool = true;
104                   break;
105               }
106           }
107
108           if($bool){
109               $id = $this->uri->segment(3);
110               $version = "";
111
112               $data = $this->patient->getPatient($id);
113               $ptnt_array = array();
114               foreach($data as $row){
115                   $ptnt_array = array(
116                       'id' => $row['UPCD_ID'],
117                       'name' => $row['patientFName']." ".substr($row['
118                           patientMName'], 0, 1)." ". $row['
119                           patientLName'],
120                       'age' => $row['age'],
121                       'address' => $row['houseno']." ". $row['street']." " .
122                           $row['brgy']." " . $row['city']." " . $row['
123                           province'],
124                       'gender' => $row['gender']
125                   );
126
127                   $this->session->set_userdata('current_patient',
128                       $ptnt_array);
129
130                   if($this->uri->segment(4) == ""){
131                       $sver = $this->patient->getLatest1($id);
132                       foreach($sver as $row){
133                           $version = $row['patientinfoID'];
134                       }
135                   }
136                   else
137                       $version = $this->uri->segment(4);
138
139                   $this->load->helper(array('form'));
140                   $data = $this->patient->getPatient($id);
141
142                   $data['recordexist'] = false;
143
144                   $userID222 = $session_data['username'];
145                   $userID22 = $this->user->getUserID($userID222);
146                   $userID2 = $userID22['userID'];
147                   $date = date("Y-m-d");
148
149                   $clinicianID = $this->patient->isClinician($id);
150                   $data['private'] = false;
151                   $data['forapproval'] = false;
152
153                   if($this->patient->hasPatientInfo($id)){
154                       $data['info'] = $this->patient->
155                           getPatientInfoPatientInfo($id,
156                               $version);
157                       $data['recordexist'] = true;
158                   }
159
160                   $data['forapproval'] = false;
161                   if($this->patient->isLatestForApproval($id)){
162                       $data['forapproval'] = true;
163                   }
164
165                   if($clinicianID!=$userID2){
166                       $data['private'] = true;
167                   }
168
169                   $this->user->addAuditTrail($userID2, 'SELECT', '
170                       Patient Information', $id, $date);
171                   $this->load->view('patientinformationreadonly-view',
172                       $data);
173               }
174           }else{
175               redirect('home', 'refresh');
176           }
177       }
178   }
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1000 }

```

Listing 25: profile.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class Profile extends CI_Controller {
4
5   function __construct()
6   {
7     parent::__construct();
8     $this->load->model('user','TRUE');
9     $this->load->model('patient','TRUE');
10  }
11
12  function index()
13  {
14    if($this->session->userdata('logged_in'))
15    {

```

```

16     $session_data = $this->session->userdata('
      logged_in');
17     $data['username'] = $session_data['username'];
18
19     $data2 = $this->user->getUserID($data['username']);
20     $userID = $data2['userID'];
21
22     $data['info'] = $this->user->selectUsers2($userID);
23
24
25     $this->load->view('profile_view', $data);
26   }
27   else
28     redirect('login');
29 }
30 }
31 }
32 }
33 ?>

```

Listing 26: querypatient.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
  access allowed');
2
3 require('addpatient.php');
4
5 class QueryPatient extends CI_Controller {
6
7   function __construct()
8   {
9     parent::__construct();
10    $this->load->model('patient','TRUE');
11    $this->load->model('user','TRUE');
12  }
13
14  function index()
15  {
16    $session_data = $this->session->userdata('logged_in');
17    if($this->session->userdata('logged_in'))
18    {
19      $bool = false;
20      $rolex = $session_data['role'];
21      foreach($rolex as $row){
22        if($row == "Student" || $row == "Faculty"){
23          $bool = true;
24          break;
25        }
26      }
27
28      if($bool){
29        $this->load->library('form_validation');
30
31        $this->form_validation->set_rules('gendersearch', '
          Gender', 'trim|required|xss.clean');
32
33        if($this->form_validation->run() == FALSE)
34        {
35          $this->load->view('searchpatient_view');
36        }
37        else
38        {
39
40
41          $agefrom = $this->input->post('agefrom');
42          $ageto = $this->input->post('ageto');
43
44          if($agefrom == ""){
45            $agefrom = 0;
46          }
47          if($ageto == ""){
48            $ageto = 100;
49          }
50
51          $genders = $this->input->post('gendersearch');
52          $gender = "";
53
54          if($genders == "Male"){
55            $gender = "patient.gender = 'Male'";
56          }
57          elseif($genders == "Female"){
58            $gender = "patient.gender = 'Female'";
59          }
60          elseif($genders == "Both"){
61            $gender = "(patient.gender = 'Male' OR patient.
              gender = 'Female')";
62          }
63
64          $city = $this->input->post('citysearch');
65          $occ = $this->input->post('occsearch');
66
67          $perio = $this->input->post('perio');
68          $rpd = $this->input->post('rpd');
69          $ortho = $this->input->post('ortho');
70          $os = $this->input->post('os');
71          $fpd = $this->input->post('fpd');
72          $pedo = $this->input->post('pedo');
73          $endo = $this->input->post('endo');

```

```

74          $cd = $this->input->post('cd');
75          $resto = $this->input->post('resto');
76
77          $caries = $this->input->post('caries');
78          $extrusion = $this->input->post('extrusion');
79          $compdent = $this->input->post('compdent');
80          $impacted = $this->input->post('impacted');
81          $recurrent = $this->input->post('recurrent');
82          $intrusion = $this->input->post('intrusion');
83          $singdent = $this->input->post('singdent');
84          $missing = $this->input->post('missing');
85          $restoration = $this->input->post('restoration');
86          $mdr = $this->input->post('mdr');
87          $rempardent = $this->input->post('rempardent');
88          $sacrcr = $this->input->post('sacrcr');
89          $pftm = $this->input->post('pftm');
90          $ddr = $this->input->post('ddr');
91          $pafs = $this->input->post('pafs');
92          $metcr = $this->input->post('metcr');
93          $rot = $this->input->post('rot');
94          $rct = $this->input->post('rct');
95          $pcc = $this->input->post('pcc');
96          $extracted = $this->input->post('extracted');
97          $unerupted = $this->input->post('unerupted');
98          $porcr = $this->input->post('porcr');
99
100         $class1 = $this->input->post('class1');
101         $class2 = $this->input->post('class2');
102         $class3 = $this->input->post('class3');
103         $class4 = $this->input->post('class4');
104         $class5 = $this->input->post('class5');
105         $onlay = $this->input->post('onlay');
106         $extraction = $this->input->post('extraction');
107         $odon = $this->input->post('odon');
108         $specclass = $this->input->post('specclass');
109         $pedodontics = $this->input->post('pedodontics');
110         $orthodontics = $this->input->post('orthodontics');
111         $pulpded = $this->input->post('pulpded');
112         $roc = $this->input->post('roc');
113         $temfill = $this->input->post('temfill');
114         $mopd = $this->input->post('mopd');
115         $moai = $this->input->post('moai');
116         $moti = $this->input->post('moti');
117         $lamented = $this->input->post('lamented');
118         $completedenture = $this->input->post('
              completedenture');
119         $anterior = $this->input->post('anterior');
120         $singlecrown = $this->input->post('singlecrown');
121         $posterior = $this->input->post('posterior');
122         $bridge = $this->input->post('bridge');
123         $singledenture = $this->input->post('singledenture')
              ;
124         $removablepartialdenture = $this->input->post('
              removablepartialdenture');
125
126         $demo[] = $this->input->post('demo');
127         $dentdemo[] = $this->input->post('dentdemo');
128         $servdemo[] = $this->input->post('servdemo');
129
130         $demox = ""; $dentx = ""; $servx = "";
131
132         if(!in_array("", $demo)){
133           foreach($demo[0] as $key=>$value){
134             $demox = $value;
135           }
136         }
137         if(!in_array("", $dentdemo)){
138           foreach($dentdemo[0] as $key=>$value){
139             $dentx = $value;
140           }
141         }
142         if(!in_array("", $servdemo)){
143           foreach($servdemo[0] as $key=>$value){
144             $servx = $value;
145           }
146         }
147
148         $data['patientmatch'] = false;

```

```

149 $data['sectionmatch'] = false;
150 $data['dentalstatmatch'] = false;
151 $data['servicematch'] = false;
152
153 $data['patientmatch'] = $this->patient->
    searchPatient1($agefrom, $ageto, $gender, $city,
    $occ, $agefrom, $ageto, $gender, $city, $occ,
    $perio, $rpd, $ortho, $os, $fpd, $pedo, $endo,
    $cd, $resto, $caries, $extrusion, $compdent,
    $impacted, $recurrent, $intrusion, $singdent,
    $missing, $restoration, $mdr, $rempardent,
    $acrcr, $pftm, $ddr, $pafs, $metcr, $rot, $rct,
    $pcc, $extracted, $unerupted, $porcr, $class1,
    $class2, $class3, $class4, $class5, $onlay,
    $extraction, $odon, $specclass, $pedodontics,
    $orthodontics, $pulpseud, $roc, $stemfill, $mopd,
    $moai, $moti, $lamented, $completedenture,
    $anterior, $singlecrown, $posterior, $bridge,
    $singledenture, $removablepartialdenture,
    $demox, $dentx, $servx);

154
155 $data['agefrom'] = $agefrom;
156 $data['ageto'] = $ageto;
157 $data['gender'] = $gender;
158 $data['city'] = $city;
159 $data['occ'] = $occ;
160 $data['perio'] = $perio;
161 $data['rpd'] = $rpd;
162 $data['ortho'] = $ortho;
163 $data['os'] = $os;
164 $data['fpd'] = $fpd;
165 $data['pedo'] = $pedo;
166 $data['endo'] = $endo;
167 $data['cd'] = $cd;
168 $data['resto'] = $resto;
169 $data['caries'] = $caries;
170 $data['extrusion'] = $extrusion;
171 $data['compdent'] = $compdent;
172 $data['impacted'] = $impacted;
173 $data['recurrent'] = $recurrent;
174 $data['intrusion'] = $intrusion;
175 $data['singdent'] = $singdent;
176 $data['missing'] = $missing;
177 $data['restoration'] = $restoration;
178 $data['mdr'] = $mdr;
179 $data['rempardent'] = $rempardent;
180 $data['acrcr'] = $acrcr;
181 $data['pftm'] = $pftm;
182 $data['ddr'] = $ddr;
183 $data['pafs'] = $pafs;
184 $data['metcr'] = $metcr;
185 $data['rot'] = $rot;
186 $data['rct'] = $rct;
187 $data['pcc'] = $pcc;
188 $data['extracted'] = $extracted;
189 $data['unerupted'] = $unerupted;
190 $data['porcr'] = $porcr;
191 $data['class1'] = $class1;
192 $data['class2'] = $class2;
193 $data['class3'] = $class3;
194 $data['class4'] = $class4;
195 $data['class5'] = $class5;
196 $data['onlay'] = $onlay;
197 $data['extraction'] = $extraction;
198 $data['odon'] = $odon;
199 $data['specclass'] = $specclass;
200 $data['pedodontics'] = $pedodontics;
201 $data['orthodontics'] = $orthodontics;
202 $data['pulpseud'] = $pulpseud;
203 $data['roc'] = $roc;
204 $data['stemfill'] = $stemfill;
205 $data['mopd'] = $mopd;

206 $data['moai'] = $moai;
207 $data['moti'] = $moti;
208 $data['lamented'] = $lamented;
209 $data['completedenture'] = $completedenture;
210 $data['anterior'] = $anterior;
211 $data['singlecrown'] = $singlecrown;
212 $data['posterior'] = $posterior;
213 $data['bridge'] = $bridge;
214 $data['singledenture'] = $singledenture;
215 $data['removablepartialdenture'] =
    $removablepartialdenture;

216
217 //print_r($data['dentalstatmatch']);
218 $userID222 = $session_data['username'];
219 $userID22 = $this->user->getUserID($userID222);
220 $userID2 = $userID22['userID'];
221 $date = date("Y-m-d");
222
223 $this->user->addAuditTrail($userID2, 'SELECT', '
    Patient', '', $date);

224
225 $this->load->helper('array('form'));
226 $this->load->view('querypatient.view', $data);
227
228 }
229
230 }
231 else{
232     redirect('home', 'refresh');
233 }
234 }else{
235     //If no session, redirect to login page
236     redirect('login', 'refresh');
237 }
238 }
239
240 function check_gender($gender){
241     if($gender == "Select one."){
242         $this->form_validation->set_message('check_gender', '
            Select a gender.');
```

Listing 27: radiographicexam.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3 class RadiographicExam extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient', TRUE);
9         $this->load->model('user', TRUE);
10    }
11
12    function patient(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if($row == "Oral Diagnosis"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if($bool){
26                $id = $this->uri->segment(3);
27                $version = "";
28
29                $data = $this->patient->getPatient($id);
30                $ptnt_array = array();
31                foreach($data as $row){
32                    $ptnt_array = array(
33                        'id' => $row['UPCD_ID'],
34                        'name' => $row['patientFName']. " ".substr($row['
                            patientMName'], 0, 1). " ". $row['
                            patientLName'],
35                        'age' => $row['age'],
36                        'address' => $row['houseno']. " ". $row['street']. " ".
                            $row['brgy']. " ". $row['city']. " ". $row['
                            province'],
37                        'gender' => $row['gender']
38                    );
39                }
40
41                $this->session->set_userdata('current_patient',
                    $ptnt_array);
42            }

```



```

43
44 if($this->uri->segment(4) == ""){
45     $ver = $this->patient->getLatest7($id);
46     foreach($ver as $row){
47         $version = $row['radioexamID'];
48     }
49 }
50 else
51     $version = $this->uri->segment(4);
52
53 $this->load->helper(array('form'));
54 $data = $this->patient->getPatient($id);
55
56 $data['recordexist'] = false;
57
58 $userID222 = $session_data['username'];
59 $userID22 = $this->user->getUserID($userID222);
60 $userID2 = $userID22['userID'];
61 $date = date("Y-m-d");
62
63 if($this->patient->hasRadioExam($id)){
64     $data['info'] = $this->patient->
65         getPatientInfoRadioExam($id);
66     $data['recordexist'] = true;
67 }
68 $clinicianID = $this->patient->isClinician($id);
69
70 if($this->patient->isLatestForApproval7($id)){
71     $this->user->addAuditTrail($userID2, 'SELECT', '
72         Radiographic Exam', $id, $date);
73     redirect('radiographicexam/view/'.$id);
74 }else{
75     if($clinicianID!=$userID2){
76         redirect('radiographicexam/view/'.$id);
77     }
78     else{
79         $this->load->view('radiographicexam.view', $data)
80         ;
81     }
82 }
83 else{
84     $id = $this->uri->segment(3);
85     redirect('/loaddashboard/patient/'.$id, 'refresh');
86 }
87 }
88 else
89 {
90     //If no session, redirect to login page
91     redirect('login', 'refresh');
92 }
93
94 function view(){
95     $session_data = $this->session->userdata('logged_in');
96     if($this->session->userdata('logged_in'))
97     {
98         $bool = false;
99         $sec = $session_data['section'];
100         foreach($sec as $row){
101             if($row != "System Maintenance"){
102                 $bool = true;
103                 break;
104             }
105         }
106     }
107     if($bool){
108         $id = $this->uri->segment(3);
109         $version = "";
110
111         $data = $this->patient->getPatient($id);
112         $sptnt_array = array();
113         foreach($data as $row){
114             $sptnt_array = array(
115                 'id' => $row['UPCD_ID'],
116                 'name' => $row['patientFName']." ".substr($row['
117                     patientMName'], 0, 1)." ".$row['
118                     patientLName'],
119                 'age' => $row['age'],
120                 'address' => $row['houseno']." ".$row['street']." "
121                     $row['brgy']." ".$row['city']." ".$row['
122                     province'],
123                 'gender' => $row['gender']
124             );
125         }
126         $this->session->set_userdata('current_patient',
127             $sptnt_array);
128
129         if($this->uri->segment(4) == ""){
130             $ver = $this->patient->getLatest7($id);
131             foreach($ver as $row){
132                 $version = $row['radioexamID'];
133             }
134         }
135         else
136             $version = $this->uri->segment(4);
137
138         $this->load->helper(array('form'));
139         $data = $this->patient->getPatient($id);
140
141         $data['recordexist'] = false;
142
143         $userID222 = $session_data['username'];
144         $userID22 = $this->user->getUserID($userID222);
145         $userID2 = $userID22['userID'];
146         $date = date("Y-m-d");
147
148         $clinicianID = $this->patient->isClinician($id);
149         $data['private'] = false;
150         $data['forapproval'] = false;
151
152         if($this->patient->hasRadioExam($id)){
153             $data['info'] = $this->patient->
154                 getPatientInfoRadioExamRO($id, $version);
155             $data['recordexist'] = true;
156         }
157         if($this->patient->isLatestForApproval7($id)){
158             $data['forapproval'] = true;
159         }
160         if($clinicianID!=$userID2){
161             $data['private'] = true;
162         }
163         $this->user->addAuditTrail($userID2, 'SELECT', '
164             Radiographic Exam', $id, $date);
165         $this->load->view('radiographicexamreadonly.view',
166             $data);
167     }
168     else
169         redirect('home', 'refresh');
170 }
171 else
172 {
173     //If no session, redirect to login page
174     redirect('login', 'refresh');
175 }
176 }
177 }
178 }

```

Listing 28: searchaudittrail.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
2 access allowed');
3 session_start(); //we need to call PHP's session object to
4 access it through CI
5 class SearchPatient extends CI_Controller {
6
7     function __construct()
8     {
9         parent::__construct();
10        $this->load->model('patient', TRUE);
11    }
12
13    function index(){
14        $session_data = $this->session->userdata('logged_in');
15        if($this->session->userdata('logged_in'))
16        {
17            $bool = false;
18            $session_data = $this->session->userdata('logged_in');
19            $rolex = $session_data['role'];
20            foreach($rolex as $row){
21                if($row == "Student" || $row == "Faculty"){
22                    $bool = true;
23                }
24            }
25        }
26        if($bool){
27            $this->load->helper(array('form'));
28
29            $session_data = $this->session->userdata('logged_in'
30                );
31            $data2['username'] = $session_data['username']
32                ;
33            $this->load->view('searchpatient.view', $data2);
34        }
35        else{
36            redirect('home', 'refresh');
37        }
38        else
39        {
40            //If no session, redirect to login page
41            redirect('login', 'refresh');

```

```

42     }
43 }
44 }
45

```

Listing 29: database.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class SearchPatient extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient',TRUE);
9     }
10
11    function index(){
12        $session_data = $this->session->userdata('logged_in');
13        if($this->session->userdata('logged_in'))
14        {
15            $bool = false;
16            $session_data = $this->session->userdata('logged_in');
17            $role = $session_data['role'];
18            foreach($role as $row){
19                if($row == "Student" || $row == "Faculty"){
20                    $bool = true;
21                    break;
22                }
23            }

```

```

24     }
25     if($bool){
26         $this->load->helper(array('form'));
27
28         $session_data = $this->session->userdata('logged_in'
29         );
30         $data2['username_log'] = $session_data['username'
31         ];
32         $this->load->view('searchpatient_view', $data2);
33     }
34     else{
35         redirect('home', 'refresh');
36     }
37 }
38 else
39 {
40     //If no session, redirect to login page
41     redirect('login', 'refresh');
42 }
43 }
44 }
45 }
46 }
47 }
48 ?>

```

Listing 30: searchuser.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class SearchUser extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('user',TRUE);
9     }
10
11    function index(){
12        $session_data = $this->session->userdata('logged_in');
13        if($this->session->userdata('logged_in'))
14        {
15            $bool = false;
16            $role = $session_data['role'];
17            foreach($role as $row){
18                if($row == "System Administrator"){
19                    $bool = true;
20                    break;
21                }
22            }
23
24            if($bool){
25                $this->load->helper(array('form'));
26                $string = $this->input->post('searchuser');
27
28                $userID222 = $session_data['username'];
29                $userID22 = $this->user->getUserID($userID222);
30                $userID2 = $userID22['userID'];
31                $date = date("Y-m-d");
32

```

```

33        $data2['users'] = $this->user->searchUser($string);
34        if($data2['users']){
35            foreach($data2['users'] as $row){
36                $name = $row->userFName." ".$row->userLName;
37                $uname = $row->username;
38                $data2['users2'][$uname] = $this->user->
39                selectUsers_pt2($name, $uname);
40            }
41        }
42        $this->user->addAuditTrail($userID2, 'SELECT', '
43        Users', '', $date);
44
45        $session_data = $this->session->userdata('logged_in'
46        );
47        $data2['username_log'] = $session_data['username'
48        ];
49        $data2['string'] = $string;
50        $data2['count'] = sizeof($data2['users']);
51        $this->load->view('searchuser_view', $data2);
52    }
53    else{
54        redirect('home', 'refresh');
55    }
56 }
57 else
58 {
59     //If no session, redirect to login page
60     redirect('login', 'refresh');
61 }
62 }
63 }
64 ?>

```

Listing 31: servicesrendered.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class ServicesRendered extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient',TRUE);
9         $this->load->model('user',TRUE);
10    }
11
12    function patient(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if($row != "System Maintenance"){
20                    $bool = true;
21                    break;
22                }

```

```

23     }
24 }
25 if($bool){
26     $id = $this->uri->segment(3);
27     $version = "";
28
29     $data = $this->patient->getPatient($id);
30     $ptnt_array = array();
31     foreach($data as $row){
32         $ptnt_array = array(
33             'id' => $row['UPCD_ID'],
34             'name' => $row['patientFName']." ".substr($row['
35             patientMName'], 0, 1)." ".$row['
36             patientLName'],
37             'age' => $row['age'],
38             'address' => $row['houseNo']." ".$row['street']." "
39             $row['brgy']." ".$row['city']." ".$row['
40             province'],
41             'gender' => $row['gender']
42         );
43     }
44
45     $this->session->set_userdata('current_patient',
46     $ptnt_array);
47 }

```

```

44
45 if($this->uri->segment(4) == ""){
46     $ver = $this->patient->getLatest8($id);
47     foreach($ver as $row){
48         $version = $row['servicesrenderedID'];
49     }
50 }
51 else
52     $version = $this->uri->segment(4);
53
54 $this->load->helper(array('form'));
55 $data = $this->patient->getPatient($id);
56
57 $data['recordexist'] = false;
58
59 $userID222 = $session_data['username'];
60 $userID22 = $this->user->getUserID($userID222);
61 $userID2 = $userID22['userID'];
62 $date = date("Y-m-d");
63
64 if($this->patient->hasServicesRendered($id)){
65     $data['info'] = $this->patient->
66         getPatientInfoServicesRendered($id);
67     $data['recordexist'] = true;
68 }
69
70 $clinicianID = $this->patient->isClinician($id);
71
72 if($this->patient->isLatestForApproval8($id)){
73     $this->user->addAuditTrail($userID2, 'SELECT', '
74         Services Rendered', $id, $date);
75     redirect('servicesrendered/view/'.$id);
76 }else{
77     if($clinicianID!=$userID2){
78         redirect('servicesrendered/view/'.$id);
79     }
80     else{
81         $this->load->view('servicesrendered_view', $data);
82     }
83 }
84 else
85     redirect('home', 'refresh');
86 }
87 else
88     {
89         //If no session, redirect to login page
90         redirect('login', 'refresh');
91     }
92 }
93
94 function view(){
95     $session_data = $this->session->userdata('logged_in');
96     if($this->session->userdata('logged_in'))
97     {
98         $bool = false;
99         $sec = $session_data['section'];
100         foreach($sec as $row){
101             if($row != "System Maintenance"){
102                 $bool = true;
103                 break;
104             }
105         }
106
107         if($bool){
108             $id = $this->uri->segment(3);
109             $version = "";
110
111             $data = $this->patient->getPatient($id);
112             $pntnt_array = array();
113             foreach($data as $row){
114                 $pntnt_array = array(
115                     'id' => $row['UPCD.ID'],

```

```

116         'name' => $row['patientFName']." ".substr($row['
117             patientMName'], 0, 1)." ".$row['
118             patientLName'],
119         'age' => $row['age'],
120         'address' => $row['houseNo']." ".$row['street']." ".
121             $row['brgy']."", " ".$row['city']."", " ".$row['
122             province'],
123         'gender' => $row['gender']
124     );
125 }
126
127 $this->session->set_userdata('current_patient',
128     $pntnt_array);
129
130 if($this->uri->segment(4) == ""){
131     $ver = $this->patient->getLatest8($id);
132     foreach($ver as $row){
133         $version = $row['servicesrenderedID'];
134     }
135 }
136 else
137     $version = $this->uri->segment(4);
138
139 $this->load->helper(array('form'));
140 $data = $this->patient->getPatient($id);
141
142 $data['recordexist'] = false;
143
144 if($this->patient->hasServicesRendered($id)){
145     $data['info'] = $this->patient->
146         getPatientInfoServicesRenderedRO($id, $version
147         );
148     $data['recordexist'] = true;
149 }
150 else{
151     if($this->patient->isLatestForApproval8($id)){
152         $data['forapproval'] = true;
153     }
154 }
155
156 $userID222 = $session_data['username'];
157 $userID22 = $this->user->getUserID($userID222);
158 $userID2 = $userID22['userID'];
159 $date = date("Y-m-d");
160
161 $clinicianID = $this->patient->isClinician($id);
162 $data['private'] = false;
163 $data['forapproval'] = false;
164
165 if($clinicianID!=$userID2){
166     $data['private'] = true;
167 }
168
169 $this->user->addAuditTrail($userID2, 'SELECT', '
170     Services Rendered', $id, $date);
171
172 $this->load->view('servicesrenderedreadonly_view',
173     $data);
174 }
175 else
176     redirect('home', 'refresh');
177 }
178 else
179     {
180         //If no session, redirect to login page
181         redirect('login', 'refresh');
182     }
183 }
184
185 if($row == "Student" || $row=="Faculty"){
186     $bool = true;
187     break;
188 }
189 }
190
191 if($bool){
192
193     $data['username'] = $session_data['username'];
194
195     $id = $this->uri->segment(3);
196
197     $user = $this->user->getUserID($session_data['
198         username']);
199     $userID = $user['userID'];
200
201     // $id=$this->input->post('id');
202     $data['patientid'] = $id;
203
204     $data = $this->patient->getPatient($id);
205     $pntnt_array = array();
206     foreach($data as $row){

```

Listing 32: setappointment.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
2 access allowed');
3 session_start(); //we need to call PHP's session object to
4 access it through CI
5 class SetAppointment extends CI_Controller {
6
7     function __construct ()
8     {
9         parent::__construct ();
10        $this->load->model('patient','TRUE');
11        $this->load->model('user','TRUE');
12    }
13
14    function patient()
15    {
16        if($this->session->userdata('logged_in'))
17        {
18            $session_data = $this->session->userdata('logged_in
19            ');
20
21            $bool = false;
22            $role = $session_data['role'];
23            foreach($role as $row){

```

```

20 if($row == "Student" || $row=="Faculty"){
21     $bool = true;
22     break;
23 }
24 }
25
26 if($bool){
27
28     $data['username'] = $session_data['username'];
29
30     $id = $this->uri->segment(3);
31
32     $user = $this->user->getUserID($session_data['
33         username']);
34     $userID = $user['userID'];
35
36     // $id=$this->input->post('id');
37     $data['patientid'] = $id;
38
39     $data = $this->patient->getPatient($id);
40     $pntnt_array = array();
41     foreach($data as $row){

```

```

42     $pntn_array = array(
43     'id' => $row['UPCD.ID'],
44     'name' => $row['patientFName']." ".substr($row['
        patientMName'], 0, 1).". ".$row['patientLName']
45     ],
46     'age' => $row['age'],
47     'address' => $row['houseNo']." ".$row['street']." ".
        $row['brgy']." ".$row['city']." ".$row['
        province'],
48     'gender' => $row['gender']
49     );
50 }
51 $this->session->set_userdata('current_patient',
52     $pntn_array);
53 $clinicianID = $this->patient->isClinician($id);
54
55 /* if ($clinicianID != $userID){
56     $this->load->view('setappointmentprivate_view', $data);
57 }
58 else {*/
59
60 $this->patient->updateClinician($id, $userID);
61 $this->patient->deleteStudentTask($id);
62
63 if (!$this->patient->hasAppointment($id)){
64     $this->patient->setAppointment($id, $userID, '
        Pending');
65 }
66
67 $data = $this->patient->getPatient($id);
68 $pntn_array = array();
69 foreach($data as $row){
70     $pntn_array = array(
71
72     'id' => $row['UPCD.ID'],
73     'name' => $row['patientFName']." ".substr($row['
        patientMName'], 0, 1).". ".$row['patientLName']
74     ],
75     'age' => $row['age'],
76     'address' => $row['houseNo']." ".$row['street']." ".
        $row['brgy']." ".$row['city']." ".$row['
        province'],
77     'gender' => $row['gender']
78     );
79 }
80
81 $this->session->set_userdata('current_patient',
82     $pntn_array);
83
84 $this->load->helper(array('form'));
85 $this->load->view('setappointment_view', $data);
86 //}
87 }
88 else{
89     redirect('home');
90 }
91
92 }
93 }
94 else
95 {
96     //If no session, redirect to login page
97     redirect('login', 'refresh');
98 }
99 }
100 }
101 }
102 ?>

```

Listing 33: statisticsreport.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2
3 class StatisticsReport extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient', TRUE);
9         $this->load->model('user', TRUE);
10    }
11
12    function index()
13    {
14        $session_data = $this->session->userdata('logged_in');
15        if ($this->session->userdata('logged_in'))
16        {
17            $bool = false;
18            $role = $session_data['role'];
19            foreach($role as $row){
20                if ($row != "Student"){
21                    $bool = true;
22                    break;
23                }
24            }
25
26            if ($bool){
27                $this->load->library('form_validation');
28
29                $this->form_validation->set_rules('datefrom', 'Date
                    From', 'trim|required|xss_clean');
30                $this->form_validation->set_rules('dateto', 'Date To',
                    'trim|required|xss_clean');
31
32                if ($this->form_validation->run() == FALSE)
33                {
34                    $this->load->view('statistics_view');
35                }
36                else
37                {
38
39                    $datefrom = $this->input->post('datefrom');
40                    $dateto = $this->input->post('dateto');
41
42                    $agefrom = $this->input->post('agefrom');
43                    $ageto = $this->input->post('ageto');
44
45                    $data['agefrom'] = $agefrom;
46                    $data['ageto'] = $ageto;
47
48                    if ($agefrom == ""){
49                        $agefrom = 0;
50                    }
51                    if ($ageto == ""){
52                        $ageto = 100;
53                    }
54
55                    $city = $this->input->post('citysearch');
56
57                    $section = $session_data['section'];
58
59                    $OM = false;
60                    $PD = false;
61                    $OD = false;
62                    $SM = false;
63
64                    if (in_array("Oral Medicine", $section)) $OM = true;
65                    if (in_array("Operative Dentistry", $section)) $OD = true;
66                    if (in_array("Prosthodontics", $section)) $PD = true;
67                    if (in_array("System Maintenance", $section)) $SM = true;
68
69                    $perio = $this->input->post('perio');
70                    $os = $this->input->post('os');
71                    $endo = $this->input->post('endo');
72                    $rpd = $this->input->post('rpd');
73                    $fpd = $this->input->post('fpd');
74                    $cd = $this->input->post('cd');
75                    $ortho = $this->input->post('ortho');
76                    $pedo = $this->input->post('pedo');
77                    $resto = $this->input->post('resto');
78
79                    if ($OM || $SM){
80                        $perio = $this->input->post('perio');
81                        $os = $this->input->post('os');
82                        $endo = $this->input->post('endo');
83                    }
84                    if ($OD || $SM){
85                        $rpd = $this->input->post('rpd');
86                        $fpd = $this->input->post('fpd');
87                        $cd = $this->input->post('cd');
88                    }
89                    if ($PD || $SM){
90                        $ortho = $this->input->post('ortho');
91                        $pedo = $this->input->post('pedo');
92                        $resto = $this->input->post('resto');
93                    }
94
95                    $scaries = $this->input->post('caries');
96                    $extrusion = $this->input->post('extrusion');
97                    $compdent = $this->input->post('compdent');
98                    $impacted = $this->input->post('impacted');
99                    $recurrent = $this->input->post('recurrent');
100                   $sintrusion = $this->input->post('intrusion');
101                   $singdent = $this->input->post('singdent');
102                   $missing = $this->input->post('missing');
103                   $restoration = $this->input->post('restoration');
104                   $mdr = $this->input->post('mdr');
105                   $rempardent = $this->input->post('rempardent');
106                   $acr = $this->input->post('acr');
107                   $pftm = $this->input->post('pftm');
108                   $ddr = $this->input->post('ddr');
109                   $pafs = $this->input->post('pafs');
110                   $meter = $this->input->post('meter');
111                   $rot = $this->input->post('rot');
112                   $rct = $this->input->post('rct');
113                   $pcc = $this->input->post('pcc');
114                   $extracted = $this->input->post('extracted');
115                   $unerupted = $this->input->post('unerupted');

```



```

283 function check_deceased($deceased){
284     if($deceased == ""){
285         $this->form_validation->set_message('check_deceased',
                'Specify if patient is deceased.');
```

```

286     return false;
287     }
288
289     return true;
290 }
291
292 function check_ID($id){
293     $year = date("Y");
294     $upcd_id = substr($year, 2)."-" . $id;
295
296     $getpatient = $this->patient->getPatient($upcd_id);
297
298     if($getpatient == false){
299         $this->form_validation->set_message('check_ID', '
                UPCD_ID already exist. Enter a new ID.');
```

```

300     return false;
301     }
302
303     return true;
304     }
305 }
306 ?>
```

Listing 34: studenttasks

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
    access allowed');
2
3 class StudentTasks extends CI_Controller {
4
5     function __construct ()
6     {
7         parent::__construct ();
8         $this->load->model('patient',TRUE);
9         $this->load->model('user',TRUE);
10    }
11
12    function index()
13    {
14        $session_data = $this->session->userdata('logged_in');
15        if($this->session->userdata('logged_in'))
16        {
17            $bool = false;
18            $role = $session_data['role'];
19            foreach($role as $row){
20                if($row == "Student"){
21                    $bool = true;
22                    break;
23                }
24            }
25
26            if($bool){
27
28                $sec = $session_data['section'];
29                $uname = $session_data['username'];
30                $idx = $this->user->getUserID($uname);
31                $id = $idx['userID'];
32
33                $section = "";
34                foreach($sec as $row){
35                    if($row != "System Maintenance"){
36                        $section = $row;
37                    }
38                }
39
40                $data['info'] = $this->patient->
                    getStudentTask($section, $id);
41
42                $this->load->view('studenttasks_view', $data);
43            }
44        }
45        else{
46            redirect('home', 'refresh');
47        }
48    }
49    }
50 }
51 }
52 }
53 ?>
```

Listing 35: treatmentplan.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3 class TreatmentPlan extends CI_Controller {
4
5     function __construct ()
6     {
7         parent::__construct ();
8         $this->load->model('patient',TRUE);
9         $this->load->model('user',TRUE);
10    }
11
12    function patient(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if($row != "System Maintenance"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if($bool){
26                $id = $this->uri->segment(3);
27                $version = "";
28
29                $data = $this->patient->getPatient($id);
30                $ptnt_array = array();
31                foreach($data as $row){
32                    $ptnt_array = array(
33                        'id' => $row['UPCD_ID'],
34                        'name' => $row['patientFName']." " . substr($row[
                            patientMName'], 0, 1)." " . $row[
                            patientLName'],
35                        'age' => $row['age'],
36                        'address' => $row['houseno']." " . $row['street']. " " .
                            $row['brgy']. " " . $row['city']. " " . $row[
                            province'],
37                        'gender' => $row['gender']
38                    );
39                }
40
41                $this->session->set_userdata('current_patient',
                    $ptnt_array);
42
43                if($this->uri->segment(4) == ""){
44                    $ver = $this->patient->getLatest6($id);
45
46                    foreach($ver as $row){
47                        $version = $row['treatmentplanID'];
48                    }
49                }
50                else
51                    $version = $this->uri->segment(4);
52
53                $this->load->helper(array('form'));
54                $data = $this->patient->getPatient($id);
55
56                $data['recordexist'] = false;
57
58                $userID222 = $session_data['username'];
59                $userID22 = $this->user->getUserID($userID222);
60                $userID2 = $userID22['userID'];
61                $date = date("Y-m-d");
62
63                if($this->patient->hasTreatmentPlan($id)){
64                    $data['info'] = $this->patient->
                        getPatientInfoTreatmentPlan($id);
65                    $data['recordexist'] = true;
66                }
67                $clinicianID = $this->patient->isClinician($id);
68
69                if($this->patient->isLatestForApproval6($id)){
70                    $this->user->addAuditTrail($userID2, 'SELECT', '
                        Treatment Plan', $id, $date);
71                    redirect('treatmentplan/view/'.$id);
72                }
73                else{
74                    if($clinicianID != $userID2){
75                        redirect('treatmentplan/view/'.$id);
76                    }
77                }
78                else{
79                    $this->load->view('treatmentplan_view', $data);
80                }
81            }
82            else
83                redirect('home', 'refresh');
84        }
85    }
86    }
87    }
88    }
89    }
90 }
91
92 function view(){
93     $session_data = $this->session->userdata('logged_in');
94     if($this->session->userdata('logged_in'))
95     {
96         $bool = false;
```

```

97 $sec = $session_data['section'];
98 foreach($sec as $row){
99     if($row != "System Maintenance"){
100         $bool = true;
101         break;
102     }
103 }
104
105 if($bool){
106     $id = $this->uri->segment(3);
107     $version = "";
108
109     $data = $this->patient->getPatient($id);
110     $ptnt_array = array();
111     foreach($data as $row){
112         $ptnt_array = array(
113             'id' => $row['UPCD.ID'],
114             'name' => $row['patientFName']." ".substr($row['
                patientMName'], 0, 1).". ".$row['
                patientLName'],
115             'age' => $row['age'],
116             'address' => $row['houseNo']." ".$row['street']." ".
                $row['brgy']." ".$row['city']." ".$row['
                province'],
117             'gender' => $row['gender']
118         );
119     }
120
121     $this->session->set_userdata('current_patient',
        $ptnt_array);
122
123     if($this->uri->segment(4) == ""){
124         $ver = $this->patient->getLatest6($id);
125         foreach($ver as $row){
126             $version = $row['treatmentplanID'];
127         }
128     }
129     else
130         $version = $this->uri->segment(4);
131
132     $this->load->helper(array('form'));
133     $data = $this->patient->getPatient($id);
134
135     $data['recordexist'] = false;
136
137
138     $userID222 = $session_data['username'];
139     $userID22 = $this->user->getUserID($userID222);
140     $userID2 = $userID22['userID'];
141     $date = date("Y-m-d");
142
143     $clinicianID = $this->patient->isClinician($id);
144     $data['private'] = false;
145     $data['forapproval'] = false;
146
147     if($this->patient->hasTreatmentPlan($id)){
148         $data['info'] = $this->patient->
            getPatientInfoTreatmentPlanRO($id, $version);
149         $data['recordexist'] = true;
150     }
151
152     if($this->patient->isLatestForApproval6($id)){
153         $data['forapproval'] = true;
154     }
155
156     if($clinicianID!=$userID2){
157         $data['private'] = true;
158     }
159
160     $this->user->addAuditTrail($userID2, 'SELECT', '
        Treatment Plan', $id, $date);
161
162     $this->load->view('treatmentplanreadonly_view',
        $data);
163 }
164 else
165     redirect('home', 'refresh');
166 }
167 else
168     {
169         //If no session, redirect to login page
170         redirect('login', 'refresh');
171     }
172 }
173 }
174 }
175 }
176 }
177 ?>

```

Listing 36: verifyaddconsultationandfindings.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2
3 class VerifyAddConsultationAndFindings extends
    CI.Controller {
4
5     function __construct ()
6     {
7         parent::__construct ();
8         $this->load->model('patient', TRUE);
9         $this->load->model('user', TRUE);
10    }
11
12    function index(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if($row == "Oral Diagnosis"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if($bool){
26                //This method will have the credentials validation
27                $this->load->library('form.validation');
28
29                $this->form_validation->set_rules('datenew[]', 'Date',
                    'trim|required|xss_clean');
30                $this->form_validation->set_rules('reason[]', 'Reason',
                    'trim|required|xss_clean');
31                $this->form_validation->set_rules('startdate[]', 'From',
                    'trim|required|xss_clean');
32                $this->form_validation->set_rules('enddate[]', 'To',
                    'trim|required|xss_clean|callback_check_datex');
33                $this->form_validation->set_rules('findings[]',
                    'Findings', 'trim|required|xss_clean');
34
35                if($this->form_validation->run() == FALSE)
36                {
37                    //Field validation failed. User redirected to
                    login page
38                    if(form_error('datenew[]')) $message = form_error('
                        datenew[]');
39                    elseif(form_error('reason[]')) $message = form_error('

```

```

85 // TAB9 - Consultation and Findings
86 $datenew[] = $this->input->post('datenew');
87 $reason[] = $this->input->post('reason');
88 $startdate[] = $this->input->post('startdate');
89 $enddate[] = $this->input->post('enddate');
90 $findings[] = $this->input->post('findings');
91
92 $datenewtxt = "";
93 $reasontxt = "";
94 $startdatetxt = "";
95 $enddatetxt = "";
96 $findingsxtxt = "";
97
98 foreach($datenew[0] as $row1){
99     if($datenewtxt == "")
100         $datenewtxt = $row1;
101     else
102         $datenewtxt = $datenewtxt."|".$row1;
103 }
104 foreach($reason[0] as $row2){
105     if($reasontxt == "")
106         $reasontxt = $row2;
107     else
108         $reasontxt = $reasontxt."|".$row2;
109 }
110 foreach($startdate[0] as $row3){
111     if($startdatetxt == "")
112         $startdatetxt = $row3;
113     else
114         $startdatetxt = $startdatetxt."|".$row3;
115 }
116 foreach($enddate[0] as $row4){
117     if($enddatetxt == "")
118         $enddatetxt = $row4;
119     else
120         $enddatetxt = $enddatetxt."|".$row4;
121 }
122 foreach($findings[0] as $row5){
123     if($findingsxtxt == "")
124         $findingsxtxt = $row5;
125     else
126         $findingsxtxt = $findingsxtxt."|".$row5;
127 }
128
129 $session_data = $this->session->userdata('
current_patient');
130 $sid = $session_data['id'];
131
132 $this->session->unset_userdata('has_error');
133
134 $session_data5 = $this->session->userdata('logged_in
');
135 $userid222 = $session_data5['username'];
136 $userid22 = $this->user->getUserID($userid222);
137 $userid2 = $userid22['userID'];
138 $date = date("Y-m-d");
139
140 if($this->patient->hasConfind($sid) $this->user
->addAuditTrail($userid2, 'UPDATE', '
Consultation and Findings', $sid, $date);
141 else $this->user->addAuditTrail($userid2, '
INSERT', 'Consultation and Findings', $sid,
$date);
142
143
144 $this->patient->addPatientInfo_tab9($sid,
$datenewtxt, $reasontxt, $startdatetxt,
$enddatetxt, $findingsxtxt);
145
146 $session_data2 = $this->session->userdata('
current_patient');
147 $session_data3 = $this->session->userdata('logged_in
');
148 $sid = $session_data2['id'];
149
150 $username = $session_data3['username'];
151 $info = $this->user->getUserID($username);
152
153 $userid = $info['userID'];
154
155 $date = date("Y-m-d");
156 $status = "Pending";
157 $approver = "Pending";
158 $approvedate = "Pending";
159
160 echo "$datenewtxt, $reasontxt, $startdatetxt,
$enddatetxt, $findingsxtxt";
161
162 $this->patient->addConFindVersion($sid, $userid,
$date, $status, $approver, $approvedate);
163
164 redirect ('/loaddashboard/patientdb/'.$sid.'/');
165
166 }
167 }
168 else{
169     redirect ('home', 'refresh');
170 }
171 }else{
172     //If no session, redirect to login page
173     redirect ('login', 'refresh');
174 }
175 }
176
177 function check_datex(){
178     $dateto[] = $this->input->post('enddate');
179     $datefrom[] = $this->input->post('startdate');
180
181     for($i=0; $i<$size; $i++){
182
183         if(DateTime($datefrom[0][$i]) > DateTime($dateto[0][$i]
))){
184             $this->form_validation->set_message('check_dates', '
To field entry is earlier than From field entry');
185             break;
186             return false;
187         }
188     }
189
190 }
191
192 return true;
193 }
194 }
195 }
196 ?>

```

Listing 37: verifyaddentalchart.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
access allowed');
2
3 class VerifyAddDentalChart extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient', TRUE);
9         $this->load->model('user', TRUE);
10    }
11
12    function index(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if($row == "Oral Diagnosis" || $row == "Oral
Medicine"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if($bool){
26                // TAB5 - Dental Chart
27
28                //caries, recurrent & restoration table
29                $mesccaries = "";
30                $discaries = "";
31
32                $buccaries = "";
33                $soccaries = "";
34                $lincaries = "";
35                $mesrecur = "";
36                $disrecur = "";
37                $bucrecur = "";
38                $socrecur = "";
39                $linrecur = "";
40                $mesresto = "";
41                $disresto = "";
42                $bucrest = "";
43                $socrecur = "";
44                $linresto = "";
45
46                $mesccaries1 = array();
47                $buccaries1 = array();
48                $lincaries1 = array();
49                $soccaries1 = array();
50                $discaries1 = array();
51                $mesrecurl = array();
52                $bucrecurl = array();
53                $linrecurl = array();
54                $socrecur1 = array();
55                $disrecurl = array();
56                $mesresto1 = array();
57                $bucrest1 = array();
58                $linresto1 = array();
59                $socrecur1 = array();
60                $disresto1 = array();
61
62                $mes_caries = array();
63                $buc_caries = array();
64                $lin_caries = array();
65                $socc_caries = array();

```



```

65     $dis_caries = array();
66     $mes_recur = array();
67     $buc_recur = array();
68     $lin_recur = array();
69     $occ_recur = array();
70     $dis_recur = array();
71     $mes_resto = array();
72     $buc_resto = array();
73     $lin_resto = array();
74     $occ_resto = array();
75     $dis_resto = array();
76
77     if(isset($_POST['selectCariesMesial'])) {
78         $mes_caries1 [] = $_POST['selectCariesMesial'];
79     }
80     else
81         $mes_caries1 [0] [] = "";
82     foreach($mes_caries1[0] as $tooth){
83         if(!is_numeric($tooth)){
84             $mes_caries [] = $tooth;
85         }
86     }
87
88     if(isset($_POST['selectCariesBuccal'])) {
89         $buc_caries1 [] = $_POST['selectCariesBuccal'];
90     }
91     else
92         $buc_caries1 [0] [] = "";
93     foreach($buc_caries1[0] as $tooth){
94         if(!is_numeric($tooth)){
95             $buc_caries [] = $tooth;
96         }
97     }
98
99
100    if(isset($_POST['selectCariesLingual'])) {
101        $lin_caries1 [] = $_POST['selectCariesLingual'];
102    }
103    else
104        $lin_caries1 [0] [] = "";
105    foreach($lin_caries1[0] as $tooth){
106        if(!is_numeric($tooth)){
107            $lin_caries [] = $tooth;
108        }
109    }
110
111    if(isset($_POST['selectCariesOcclusal'])) {
112        $occ_caries1 [] = $_POST['selectCariesOcclusal'];
113    }
114    else
115        $occ_caries1 [0] [] = "";
116    foreach($occ_caries1[0] as $tooth){
117        if(!is_numeric($tooth)){
118            $occ_caries [] = $tooth;
119        }
120    }
121
122    if(isset($_POST['selectCariesDistal'])) {
123        $dis_caries1 [] = $_POST['selectCariesDistal'];
124    }
125    else
126        $dis_caries1 [0] [] = "";
127    foreach($dis_caries1[0] as $tooth){
128        if(!is_numeric($tooth)){
129            $dis_caries [] = $tooth;
130        }
131    }
132
133    if(isset($_POST['selectRecurrentMesial'])) {
134        $mes_recur1 [] = $_POST['selectRecurrentMesial'];
135    }
136    else
137        $mes_recur1 [0] [] = "";
138    foreach($mes_recur1[0] as $tooth){
139        if(!is_numeric($tooth)){
140            $mes_recur [] = $tooth;
141        }
142    }
143
144    if(isset($_POST['selectRecurrentBuccal'])) {
145        $buc_recur1 [] = $_POST['selectRecurrentBuccal'];
146    }
147    else
148        $buc_recur1 [0] [] = "";
149    foreach($buc_recur1[0] as $tooth){
150        if(!is_numeric($tooth)){
151            $buc_recur [] = $tooth;
152        }
153    }
154
155    if(isset($_POST['selectRecurrentOcclusal'])) {
156        $occ_recur1 [] = $_POST['selectRecurrentOcclusal'];
157    }
158    else
159        $occ_recur1 [0] [] = "";
160    foreach($occ_recur1[0] as $tooth){
161        if(!is_numeric($tooth)){
162            $occ_recur [] = $tooth;
163        }
164    }
165
166    if(isset($_POST['selectRecurrentLingual'])) {
167        $lin_recur1 [] = $_POST['selectRecurrentLingual'];
168    }
169    else
170        $lin_recur1 [0] [] = "";
171    foreach($lin_recur1[0] as $tooth){
172        if(!is_numeric($tooth)){
173            $lin_recur [] = $tooth;
174        }
175    }
176
177    if(isset($_POST['selectRecurrentDistal'])) {
178        $dis_recur1 [] = $_POST['selectRecurrentDistal'];
179    }
180    else
181        $dis_recur1 [0] [] = "";
182    foreach($dis_recur1[0] as $tooth){
183        if(!is_numeric($tooth)){
184            $dis_recur [] = $tooth;
185        }
186    }
187
188    if(isset($_POST['selectRestorationMesial'])) {
189        $mes_resto1 [] = $_POST['selectRestorationMesial'];
190    }
191    else
192        $mes_resto1 [0] [] = "";
193    foreach($mes_resto1[0] as $tooth){
194        if(!is_numeric($tooth)){
195            $mes_resto [] = $tooth;
196        }
197    }
198
199    if(isset($_POST['selectRestorationBuccal'])) {
200        $buc_resto1 [] = $_POST['selectRestorationBuccal'];
201    }
202    else
203        $buc_resto1 [0] [] = "";
204    foreach($buc_resto1[0] as $tooth){
205        if(!is_numeric($tooth)){
206            $buc_resto [] = $tooth;
207        }
208    }
209
210    if(isset($_POST['selectRestorationOcclusal'])) {
211        $occ_resto1 [] = $_POST['selectRestorationOcclusal'];
212    }
213    else
214        $occ_resto1 [0] [] = "";
215    foreach($occ_resto1[0] as $tooth){
216        if(!is_numeric($tooth)){
217            $occ_resto [] = $tooth;
218        }
219    }
220
221    if(isset($_POST['selectRestorationLingual'])) {
222        $lin_resto1 [] = $_POST['selectRestorationLingual'];
223    }
224    else
225        $lin_resto1 [0] [] = "";
226    foreach($lin_resto1[0] as $tooth){
227        if(!is_numeric($tooth)){
228            $lin_resto [] = $tooth;
229        }
230    }
231
232    if(isset($_POST['selectRestorationDistal'])) {
233        $dis_resto1 [] = $_POST['selectRestorationDistal'];
234    }
235    else
236        $dis_resto1 [0] [] = "";
237    foreach($dis_resto1[0] as $tooth){
238        if(!is_numeric($tooth)){
239            $dis_resto [] = $tooth;
240        }
241    }
242
243    if(isset($_POST['mesialcaries'])) {
244        $mes_car [] = $_POST['mesialcaries'];
245    }
246    else
247        $mes_car [0] [] = "";
248
249    if(isset($_POST['mesialrecurrent'])) {
250        $mes_rec [] = $_POST['mesialrecurrent'];
251    }
252    else
253        $mes_rec [0] [] = "";
254
255    if(isset($_POST['mesialrestoration'])) {
256        $mes_res [] = $_POST['mesialrestoration'];
257    }
258    else
259        $mes_res [0] [] = "";
260
261    if(isset($_POST['distalcaries'])) {
262        $dis_car [] = $_POST['distalcaries'];

```

```

263     }
264     else
265     $dis_car [0][] = "";
266
267     if (isset($_POST['distalrecurrent'])) {
268     $dis_rec [] = $_POST['distalrecurrent'];
269     }
270     else
271     $dis_rec [0][] = "";
272
273     if (isset($_POST['distalrestoration'])) {
274     $dis_res [] = $_POST['distalrestoration'];
275     }
276     else
277     $dis_res [0][] = "";
278
279     if (isset($_POST['occlusalcaries'])) {
280     $occ_car [] = $_POST['occlusalcaries'];
281     }
282     else $occ_car [0][] = "";
283
284     if (isset($_POST['occlusalrecurrent'])) {
285     $occ_rec [] = $_POST['occlusalrecurrent'];
286     }
287     else $occ_rec [0][] = "";
288
289     if (isset($_POST['occlusalrestoration'])) {
290     $occ_res [] = $_POST['occlusalrestoration'];
291     }
292     else $occ_res [0][] = "";
293
294     if (isset($_POST['buccalcaries'])) {
295     $buc_car [] = $_POST['buccalcaries'];
296     }
297     else $buc_car [0][] = "";
298
299     if (isset($_POST['buccalrecurrent'])) {
300     $buc_rec [] = $_POST['buccalrecurrent'];
301     }
302     else $buc_rec [0][] = "";
303
304     if (isset($_POST['buccalrestoration'])) {
305     $buc_res [] = $_POST['buccalrestoration'];
306     }
307     else $buc_res [0][] = "";
308
309     if (isset($_POST['lingualcaries'])) {
310     $lin_car [] = $_POST['lingualcaries'];
311     }
312     else $lin_car [0][] = "";
313
314     if (isset($_POST['lingualrecurrent'])) {
315     $lin_rec [] = $_POST['lingualrecurrent'];
316     }
317     else $lin_rec [0][] = "";
318
319     if (isset($_POST['lingualrestoration'])) {
320     $lin_res [] = $_POST['lingualrestoration'];
321     }
322     else $lin_res [0][] = "";
323
324     $disrec = "";
325     $bucrec = "";
326     $linrec = "";
327     $mesrec = "";
328     $soccrec = "";
329     $disres = "";
330     $bucres = "";
331     $linres = "";
332     $mesres = "";
333     $soccrest = "";
334     $discar = "";
335     $buccar = "";
336     $lincar = "";
337     $mescar = "";
338     $socccar = "";
339
340     foreach($dis_rec[0] as $teeth){
341     $disrec = $disrec." ".$teeth;
342     }
343     foreach($buc_rec[0] as $teeth){
344     $bucrec = $bucrec." ".$teeth;
345     }
346     foreach($lin_rec[0] as $teeth){
347     $linrec = $linrec." ".$teeth;
348     }
349     foreach($mes_rec[0] as $teeth){
350     $mesrec = $mesrec." ".$teeth;
351     }
352     foreach($occ_rec[0] as $teeth){
353     $soccrec = $soccrec." ".$teeth;
354     }
355     foreach($dis_res[0] as $teeth){
356     $disres = $disres." ".$teeth;
357     }
358     foreach($buc_res[0] as $teeth){
359     $bucres = $bucres." ".$teeth;
360     }
361     foreach($lin_res[0] as $teeth){
362     $linres = $linres." ".$teeth;
363     }
364     foreach($mes_res[0] as $teeth){
365     $mesres = $mesres." ".$teeth;
366     }
367     foreach($occ_res[0] as $teeth){
368     $soccrest = $soccrest." ".$teeth;
369     }
370     foreach($dis_car[0] as $teeth){
371     $discar = $discar." ".$teeth;
372     }
373     foreach($buc_car[0] as $teeth){
374     $buccar = $buccar." ".$teeth;
375     }
376     foreach($lin_car[0] as $teeth){
377     $lincar = $lincar." ".$teeth;
378     }
379     foreach($mes_car[0] as $teeth){
380     $mescar = $mescar." ".$teeth;
381     }
382     foreach($occ_car[0] as $teeth){
383     $socccar = $socccar." ".$teeth;
384     }
385
386     foreach($mes_carries as $teeth){
387     $mescarries = $mescarries." ".$teeth;
388     }
389     foreach($buc_carries as $teeth){
390     $buccarries = $buccarries." ".$teeth;
391     }
392     foreach($occ_carries as $teeth){
393     $socccarries = $socccarries." ".$teeth;
394     }
395     foreach($lin_carries as $teeth){
396     $lincarries = $lincarries." ".$teeth;
397     }
398     foreach($dis_carries as $teeth){
399     $discarries = $discarries." ".$teeth;
400     }
401
402     foreach($mes_recur as $teeth){
403     $mesrecur = $mesrecur." ".$teeth;
404     }
405     foreach($buc_recur as $teeth){
406     $bucrecur = $bucrecur." ".$teeth;
407     }
408     foreach($occ_recur as $teeth){
409     $soccrecur = $soccrecur." ".$teeth;
410     }
411     foreach($lin_recur as $teeth){
412     $linrecur = $linrecur." ".$teeth;
413     }
414     foreach($dis_recur as $teeth){
415     $disrecur = $disrecur." ".$teeth;
416     }
417
418     foreach($mes_resto as $teeth){
419     $mesresto = $mesresto." ".$teeth;
420     }
421     foreach($buc_resto as $teeth){
422     $bucresto = $bucresto." ".$teeth;
423     }
424     foreach($occ_resto as $teeth){
425     $soccrest = $soccrest." ".$teeth;
426     }
427     foreach($lin_resto as $teeth){
428     $linresto = $linresto." ".$teeth;
429     }
430     foreach($dis_resto as $teeth){
431     $disresto = $disresto." ".$teeth;
432     }
433
434     //serviceneeded table
435     if (isset($_POST['class1'])){
436     $c1 [] = $_POST['class1'];
437     }
438     else
439     $c1 [0][] = "";
440     if (isset($_POST['class2'])){
441     $c2 [] = $_POST['class2'];
442     }
443     else
444     $c2 [0][] = "";
445     if (isset($_POST['class3'])){
446     $c3 [] = $_POST['class3'];
447     }
448     else
449     $c3 [0][] = "";
450     if (isset($_POST['class4'])){
451     $c4 [] = $_POST['class4'];
452     }
453     else
454     $c4 [0][] = "";
455     if (isset($_POST['class5'])){
456     $c5 [] = $_POST['class5'];
457     }
458     else
459     $c5 [0][] = "";
460     if (isset($_POST['onlay'])){

```

```

461     $ol [] = $_POST['onlay'];
462 }
463 else
464     $ol [0][] = "";
465 if (isset($_POST['extraction'])){
466     $ex [] = $_POST['extraction'];
467 }
468 else
469     $ex [0][] = "";
470 if (isset($_POST['odontectomy'])){
471     $od [] = $_POST['class1'];
472 }
473 else
474     $od [0][] = "";
475 if (isset($_POST['specialcase'])){
476     $sc [] = $_POST['specialcase'];
477 }
478 else
479     $sc [0][] = "";
480 if (isset($_POST['pulpseadation'])){
481     $ps [] = $_POST['pulpseadation'];
482 }
483 else
484     $ps [0][] = "";
485 if (isset($_POST['crownre cementation'])){
486     $cr [] = $_POST['crownre cementation'];
487 }
488 else
489     $cr [0][] = "";
490 if (isset($_POST['fillingservice'])){
491     $fs [] = $_POST['fillingservice'];
492 }
493 else
494     $fs [0][] = "";
495 if (isset($_POST['laminated'])){
496     $lam [] = $_POST['laminated'];
497 }
498 else
499     $lam [0][] = "";
500 if (isset($_POST['singlecrown'])){
501     $scr [] = $_POST['singlecrown'];
502 }
503 else
504     $scr [0][] = "";
505 if (isset($_POST['bridgeservice'])){
506     $bs [] = $_POST['bridgeservice'];
507 }
508 else
509     $bs [0][] = "";
510 if (isset($_POST['anterior'])){
511     $ant [] = $_POST['anterior'];
512 }
513 else
514     $ant [0][] = "";
515 if (isset($_POST['posterior'])){
516     $pos [] = $_POST['posterior'];
517 }
518 else
519     $pos [0][] = "";
520 if (isset($_POST['otherendodontics'])){
521     $oth [] = $_POST['otherendodontics'];
522 }
523 else
524     $oth [0][] = "";
525
526 $c1s= "";
527 $c2s= "";
528 $c3s= "";
529 $c4s= "";
530 $c5s= "";
531 $ols= "";
532 $exs= "";
533 $ods= "";
534 $scs= "";
535 $pss= "";
536 $crs= "";
537 $fss= "";
538 $lams= "";
539 $scrs= "";
540 $bss= "";
541 $ants= "";
542 $poss= "";
543 $oths= "";
544
545 foreach($c1[0] as $teeth){
546     $c1s = $c1s." ".$teeth;
547 }
548 foreach($c2[0] as $teeth){
549     $c2s = $c2s." ".$teeth;
550 }
551 foreach($c3[0] as $teeth){
552     $c3s = $c3s." ".$teeth;
553 }
554 foreach($c4[0] as $teeth){
555     $c4s = $c4s." ".$teeth;
556 }
557 foreach($c5[0] as $teeth){
558     $c5s = $c5s." ".$teeth;
559 }
560
561 foreach($ol[0] as $teeth){
562     $ols = $ols." ".$teeth;
563 }
564 foreach($ex[0] as $teeth){
565     $exs = $exs." ".$teeth;
566 }
567 foreach($od[0] as $teeth){
568     $ods = $ods." ".$teeth;
569 }
570 foreach($sc[0] as $teeth){
571     $scs = $scs." ".$teeth;
572 }
573 foreach($ps[0] as $teeth){
574     $pss = $pss." ".$teeth;
575 }
576 foreach($cr[0] as $teeth){
577     $crs = $crs." ".$teeth;
578 }
579 foreach($fs[0] as $teeth){
580     $fss = $fss." ".$teeth;
581 }
582
583 foreach($lam[0] as $teeth){
584     $lams = $lams." ".$teeth;
585 }
586
587 foreach($scr[0] as $teeth){
588     $scrs = $scrs." ".$teeth;
589 }
590
591 foreach($bs[0] as $teeth){
592     $bss = $bss." ".$teeth;
593 }
594
595 foreach($ant[0] as $teeth){
596     $ants = $ants." ".$teeth;
597 }
598
599 foreach($pos[0] as $teeth){
600     $poss = $poss." ".$teeth;
601 }
602
603 foreach($oth[0] as $teeth){
604     $oths = $oths." ".$teeth;
605 }
606
607
608 //dentalchart table
609 if (isset($_POST['removablepartial'])){
610     $rpd [] = $_POST['removablepartial'];
611 }
612 else
613     $rpd [0][] = "";
614 if (isset($_POST['extrusion'])){
615     $extrusion [] = $_POST['extrusion'];
616 }
617 else
618     $extrusion [0][] = "";
619 if (isset($_POST['intrusion'])){
620     $intrusion [] = $_POST['intrusion'];
621 }
622 else
623     $intrusion [0][] = "";
624 if (isset($_POST['mesialdrift'])){
625     $mesdrift [] = $_POST['mesialdrift'];
626 }
627 else
628     $mesdrift [0][] = "";
629 if (isset($_POST['distaldrift'])){
630     $disdrift [] = $_POST['distaldrift'];
631 }
632 else
633     $disdrift [0][] = "";
634 if (isset($_POST['rotation'])){
635     $rotation [] = $_POST['rotation'];
636 }
637 else
638     $rotation [0][] = "";
639 if (isset($_POST['postcrown'])){
640     $postcrown [] = $_POST['postcrown'];
641 }
642 else
643     $postcrown [0][] = "";
644 if (isset($_POST['rootcanal'])){
645     $rootcanal [] = $_POST['rootcanal'];
646 }
647 else
648     $rootcanal [0][] = "";
649 if (isset($_POST['pitandfissure'])){
650     $pitandfissure [] = $_POST['pitandfissure'];
651 }
652 else
653     $pitandfissure [0][] = "";
654 if (isset($_POST['extracted'])){
655     $extracted [] = $_POST['extracted'];
656 }
657 else
658     $extracted [0][] = "";

```

```

659     if (isset($_POST['missing'])) {
660         $missing[] = $_POST['missing'];
661     }
662     else
663     $missing[0][] = "";
664     if (isset($_POST['unerupted'])) {
665         $unerupted[] = $_POST['unerupted'];
666     }
667     else
668     $unerupted[0][] = "";
669     if (isset($_POST['impacted'])) {
670         $impacted[] = $_POST['impacted'];
671     }
672     else
673     $impacted[0][] = "";
674     if (isset($_POST['porcelain'])) {
675         $porcelain[] = $_POST['porcelain'];
676     }
677     else
678     $porcelain[0][] = "";
679     if (isset($_POST['acrylic'])) {
680         $acrylic[] = $_POST['acrylic'];
681     }
682     else
683     $acrylic[0][] = "";
684     if (isset($_POST['metal'])) {
685         $metal[] = $_POST['metal'];
686     }
687     else
688     $metal[0][] = "";
689     if (isset($_POST['porcelainfused'])) {
690         $porcelainfused[] = $_POST['porcelainfused'];
691     }
692     else
693     $porcelainfused[0][] = "";
694     if (isset($_POST['fixedbridge'])) {
695         $fixedbridge[] = $_POST['fixedbridge'];
696     }
697     else
698     $fixedbridge[0][] = "";
699
700     $rpds = "";
701     $extrusions = "";
702     $intrusions = "";
703     $mesdrifts = "";
704     $disdrifts = "";
705     $rotations = "";
706     $postcores = "";
707     $rootcanals = "";
708     $pitandfissures = "";
709     $extracteds = "";
710     $missings = "";
711     $unerupteds = "";
712     $impactededs = "";
713     $porcelains = "";
714     $acrylics = "";
715     $metals = "";
716     $porcelainfuseds = "";
717     $fixedbridges = "";
718
719     foreach($rpds[0] as $teeth){
720         $rpds = $rpds." ". $teeth;
721     }
722     foreach($extrusion[0] as $teeth){
723         $extrusions = $extrusions." ". $teeth;
724     }
725     foreach($intrusion[0] as $teeth){
726         $intrusions = $intrusions." ". $teeth;
727     }
728     foreach($mesdrift[0] as $teeth){
729         $mesdrifts = $mesdrifts." ". $teeth;
730     }
731     foreach($disdrift[0] as $teeth){
732         $disdrifts = $disdrifts." ". $teeth;
733     }
734     foreach($rotation[0] as $teeth){
735         $rotations = $rotations." ". $teeth;
736     }
737     foreach($postcrown[0] as $teeth){
738         $postcores = $postcores." ". $teeth;
739     }
740     foreach($rootcanal[0] as $teeth){
741         $rootcanals = $rootcanals." ". $teeth;
742     }
743     foreach($pitandfissure[0] as $teeth){
744         $pitandfissures = $pitandfissures." ". $teeth;
745     }
746     foreach($extracteds[0] as $teeth){
747         $extracteds = $extracteds." ". $teeth;
748     }
749     foreach($missing[0] as $teeth){
750         $missings = $missings." ". $teeth;
751     }
752     foreach($unerupteds[0] as $teeth){
753         $unerupteds = $unerupteds." ". $teeth;
754     }
755     foreach($impacted[0] as $teeth){
756         $impactededs = $impactededs." ". $teeth;
757
758     foreach($porcelain[0] as $teeth){
759         $porcelains = $porcelains." ". $teeth;
760     }
761     foreach($acrylic[0] as $teeth){
762         $acrylics = $acrylics." ". $teeth;
763     }
764     foreach($metal[0] as $teeth){
765         $metals = $metals." ". $teeth;
766     }
767     foreach($porcelainfused[0] as $teeth){
768         $porcelainfuseds = $porcelainfuseds." ". $teeth;
769     }
770     foreach($fixedbridge[0] as $teeth){
771         $fixedbridges = $fixedbridges." ". $teeth;
772     }
773
774     // otherservicetable
775     $periodontics = $this->input->post('periodontics');
776     if ($periodontics == "") {
777         $periodontics = "No";
778     }
779     $pedodontics = "No";
780     $orthodontics = "No";
781     if (isset($_POST['surgery'])) {
782         $surgery[] = $_POST['surgery'];
783         foreach($surgery[0] as $key=>$value) {
784             if ($value == "pedodontics") $pedodontics='Yes';
785             if ($value == "orthodontics") $orthodontics='Yes';
786         }
787     }
788     $acuteinfections = "No";
789     $traumaticinjuries = "No";
790     if (isset($_POST['emergencytreatment'])) {
791         $emtreat[] = $_POST['emergencytreatment'];
792         foreach($emtreat[0] as $key=>$value) {
793             if ($value == "acute infections") $acuteinfections='
794                 Yes';
795             if ($value == "traumatic injuries")
796                 $traumaticinjuries='Yes';
797         }
798     }
799     $completedent = "No";
800     $singledent = "No";
801     $removedent = "No";
802     $othersdent = "No";
803     if (isset($_POST['prosthodontics'])) {
804         $prosthodontics[] = $_POST['prosthodontics'];
805         foreach($prosthodontics[0] as $key=>$value) {
806             if ($value == "complete denture") $completedent='
807                 Yes';
808             if ($value == "single denture") $singledent='Yes';
809             if ($value == "removable partial") $removedent='
810                 Yes';
811             if ($value == "others") $othersdent='Yes';
812         }
813     }
814     $notes = $this->input->post('notes');
815
816     //dentures table
817     $compdent = $this->input->post('completedenture');
818     $supdent = "No";
819     $lowdent = "No";
820     if (isset($_POST['singledenture'])) {
821         $singdent[] = $_POST['singledenture'];
822         foreach($singdent[0] as $key=>$value) {
823             if ($value == "upper") $supdent='Yes';
824             if ($value == "lower") $lowdent='Yes';
825         }
826     }
827
828     $session_data = $this->session->userdata('
829         current_patient');
830     $sid = $session_data['id'];
831     $this->session->unset_userdata('has_error');
832     $session_data2 = $this->session->userdata('
833         current_patient');
834     $session_data3 = $this->session->userdata('logged_in
835         ');
836     $sid = $session_data2['id'];
837     $username = $session_data3['username'];
838     $info = $this->user->getUserID($username);
839     $info2 = $this->user->getUserInfo($info['userID']);
840     $name = "";
841     foreach($info2 as $row2) {
842         $name = $row2['userFName']." ".substr($row2['
843             userMName'], 0, 1)." ". $row2['userLName'];
844     }
845     $userid = $info['userID'];

```

```

849 $date = date("Y-m-d");
850 $status = "Pending";
851 $approver = "Pending";
852 $approveddate = "Pending";
853
854
855 $session_data5 = $this->session->userdata('logged_in
);
856 $userID222 = $session_data5['username'];
857 $userID22 = $this->user->getUserID($userID222);
858 $userID2 = $session_data5['userID'];
859 $date = date("Y-m-d");
860
861 if($this->patient->hasDentalChart($id)) $this->
user->addAuditTrail($userID2, 'UPDATE', '
Dental Status Chart', $id, $date);
862 else $this->user->addAuditTrail($userID2, '
INSERT', 'Dental Status Chart', $id, $date);
863
864 $this->patient->addPatientInfo_tab5($id, $discar,
$buccar, $lincar, $mescar, $occcar, $discaries,
$buccaries, $linaries, $mesaries, $occcaries,
$disrec, $bucrec, $linrec, $mesrec, $occrec,
$disrecur, $bucrecur, $linrecur, $mesrecur,
$occrecur, $disres, $bucres, $linres, $mesres,
$occrec, $disresto, $bucresto, $linresto,
$mesresto, $occresto, $name, $rpd, $extrusions,
$intrusions, $mesdrifts, $disdrifts, $rotations
, $postcores, $rootcanals, $pitandfissures,
$extracteds, $missings, $unerupteds, $impactedts
, $porcelains, $acrylics, $metals,
$porcelainfuseds, $fixedbridges, $c1s, $c2s,
$c3s, $c4s, $c5s, $ols, $exs, $ods, $scs, $pss,
$crs, $fss, $lams, $scrs, $bss, $soss,
$oths, $periodontics, $pedodontics,
$orthodontics, $acuteinfections,
$traumaticinjuries, $completedent, $singledent,
$removedent, $othersdent, $notes, $compendt,
$supdent, $lowdent);
865
866 $this->patient->addDentalChartVersion($id, $userID
, $date, $status, $approver, $approveddate);
867
868 redirect ('/loaddashboard/patientdb/'.$id.'/');
869
870 }
871 else{
872 redirect ('home', 'refresh');
873 }
874 }else{
875 //If no session, redirect to login page
876 redirect ('login', 'refresh');
877 }
878 }
879 }
880 }
881 }
882 ?>

```

Listing 38: verifyaddentaldata.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
access allowed');
2
3 class VerifyAddDentalData extends CI_Controller {
4
5 function __construct ()
6 {
7 parent::__construct ();
8 $this->load->model('patient',TRUE);
9 $this->load->model('user',TRUE);
10 }
11
12 function index(){
13 $session_data = $this->session->userdata('logged_in');
14 if($this->session->userdata('logged_in'))
15 {
16 $bool = false;
17 $sec = $session_data['section'];
18 foreach($sec as $row){
19 if($row == "Oral Diagnosis"){
20 $bool = true;
21 break;
22 }
23 }
24
25 if($bool){
26 //This method will have the credentials validation
27 $this->load->library('form_validation');
28
29 $this->form_validation->set_rules('dolv', 'Date of last
visit', 'trim|required|xss_clean');
30 $this->form_validation->set_rules('pdolv', 'Procedures
done on last visit', 'trim|required|xss_clean');
31 $this->form_validation->set_rules('fodv', 'Frequency
of dental visit', 'trim|required|xss_clean');
32 $this->form_validation->set_rules('eortle', 'Exposure
or response to local anesthesia', 'trim|required|
xss_clean');
33 $this->form_validation->set_rules('cdaoadp', '
Complications', 'trim|required|xss_clean');
34 $this->form_validation->set_rules('hntd', 'Head,
Neck and TMJ', 'trim|required|xss_clean');
35 $this->form_validation->set_rules('lfnd', 'Lips/
Frenum', 'trim|required|xss_clean');
36 $this->form_validation->set_rules('mucd', 'Mucosa'
, 'trim|required|xss_clean');
37 $this->form_validation->set_rules('pltd', 'Palate',
'trim|required|xss_clean');
38 $this->form_validation->set_rules('prxd', 'Pharynx'
, 'trim|required|xss_clean');
39 $this->form_validation->set_rules('ftmd', 'Floor of the
mouth', 'trim|required|xss_clean');
40 $this->form_validation->set_rules('tngd', 'Tough', '
trim|required|xss_clean');
41 $this->form_validation->set_rules('lymd', 'Lymph
nodes', 'trim|required|xss_clean');
42 $this->form_validation->set_rules('sald', 'Salivary
gland', 'trim|required|xss_clean');
43 $this->form_validation->set_rules('thyd', 'Thyroid', '
trim|required|xss_clean');
44 $this->form_validation->set_rules('ggvd', 'Gingiva', '
trim|required|xss_clean');
45
46 if($this->form_validation->run() == FALSE)
47 {
48 //Field validation failed. User redirected to
login page
49 if(form_error('dolv')) $message = form_error('dolv');
50 elseif(form_error('pdolv')) $message = form_error('
pdolv');
51 elseif(form_error('fodv')) $message = form_error('
fodv');
52 elseif(form_error('eortle')) $message = form_error('
eortle');
53 elseif(form_error('cdaoadp')) $message = form_error('
cdaoadp');
54 elseif(form_error('hntd')) $message = form_error('
hntd');
55 elseif(form_error('lfnd')) $message = form_error('lfnd
');
56 elseif(form_error('mucd')) $message = form_error('
mucd');
57 elseif(form_error('pltd')) $message = form_error('pltd
');
58 elseif(form_error('prxd')) $message = form_error('
prxd');
59 elseif(form_error('ftmd')) $message = form_error('
ftmd');
60 elseif(form_error('tngd')) $message = form_error('
tngd');
61 elseif(form_error('lymd')) $message = form_error('
lymd');
62 elseif(form_error('sald')) $message = form_error('sald
');
63 elseif(form_error('thyd')) $message = form_error('
thyd');
64 elseif(form_error('ggvd')) $message = form_error('
ggvd');
65
66 $data = array(
67 'dolv' => $this->input->post('dolv'),
68 'pdolv' => $this->input->post('pdolv'),
69 'fodv' => $this->input->post('fodv'),
70 'eortle' => $this->input->post('eortle'),
71 'cdaoadp' => $this->input->post('cdaoadp'),
72 'hntd' => $this->input->post('hntd'),
73 'lfnd' => $this->input->post('lfnd'),
74 'mucd' => $this->input->post('mucd'),
75 'pltd' => $this->input->post('pltd'),
76 'prxd' => $this->input->post('prxd'),
77 'ftmd' => $this->input->post('ftmd'),
78 'tngd' => $this->input->post('tngd'),
79 'lymd' => $this->input->post('lymd'),
80 'sald' => $this->input->post('sald'),
81 'thyd' => $this->input->post('thyd'),
82 'ggvd' => $this->input->post('ggvd'),
83 'error' => $message,
84 'invalid_input' => true);
85
86 $session_data = $this->session->userdata('
current_patient');
87 $id = $session_data['id'];
88
89 $this->session->set_userdata('has_error',
$data);
90
91 redirect ('/dentaldata/patient/'.$id.'/');
92 }
93 else
94 {
95 //Go to private area
96 // TAB4 - Dental Data
97 $dolv = $this->input->post('dolv');
98 $pdolv = $this->input->post('pdolv');

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99     $fodv = $this->input->post('fodv');
100     $seortle = $this->input->post('eortle');
101     $cdoadp = $this->input->post('cdoadp');
102     $hntd = $this->input->post('hntd');
103     $lfnd = $this->input->post('lfnd');
104     $mucd = $this->input->post('mucd');
105     $pltd = $this->input->post('pltd');
106     $prxd = $this->input->post('prxd');
107     $ftmd = $this->input->post('ftmd');
108     $tngd = $this->input->post('tngd');
109     $lymd = $this->input->post('lymd');
110     $sald = $this->input->post('sald');
111     $thyd = $this->input->post('thyd');
112     $ggvd = $this->input->post('ggvd');
113
114
115     $session_data = $this->session->userdata('
        current_patient');
116     $id = $session_data['id'];
117
118     $this->session->unset_userdata('has_error');
119
120     $session_data5 = $this->session->userdata('logged_in
        ');
121     $userID22 = $session_data5['username'];
122     $userID22 = $this->user->getUserID($userID22);
123     $userID2 = $userID22['userID'];
124     $date = date("Y-m-d");
125
126     if($this->patient->hasDentalData($id) $this->
        user->addAuditTrail($userID2, 'UPDATE', '
        Dental Data', $id, $date);
127     else $this->user->addAuditTrail($userID2, '
        INSERT', 'Dental Data', $id, $date);
128
129
130
131     $this->patient->addPatientInfo_tab4($id, $dolv,
        $pdolv, $fodv, $seortle, $cdoadp, $hntd, $lfnd,
        $mucd, $pltd, $prxd, $ftmd, $tngd, $lymd, $sald,
        $thyd, $ggvd);
132
133     $session_data2 = $this->session->userdata('
        current_patient');
134     $session_data3 = $this->session->userdata('logged_in
        ');
135     $id = $session_data2['id'];
136
137     $username = $session_data3['username'];
138     $info = $this->user->getUserID($username);
139
140     $userID = $info['userID'];
141
142
143     $date = date("Y-m-d");
144     $status = "Pending";
145     $approver = "Pending";
146     $approvedate = "Pending";
147
148     $this->patient->addDentalDataVersion($id, $userID,
        $date, $status, $approver, $approvedate);
149
150     redirect ('/loaddashboard/patientdb/'. $id.'/');
151 }
152 }
153 }
154 }
155 }
156 }
157 }
158 }
159 }
160 }
161 }
162 }
163 }
164 }
165 }

```

Listing 39: verifyaddmedandsochistory.php

```

1 <?php if ( ! defined('BASEPATH')) exit("No direct script
    access allowed");
2
3 class VerifyAddMedAndSocHistory extends CI_Controller {
4
5     function __construct ()
6     {
7         parent::__construct ();
8         $this->load->model('patient','TRUE');
9         $this->load->model('user','TRUE');
10    }
11
12    function index(){
13        $session_data = $this->session->userdata('logged_in');
14        if ($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if ($row == "Oral Diagnosis"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if ($bool){
26                //This method will have the credentials validation
27                $this->load->library('form_validation');
28
29                $this->form_validation->set_rules('physicianname', '
                    Physician Name', 'trim|required|xss_clean');
30                $this->form_validation->set_rules('physicianphone', '
                    Physician Phone Number', 'trim|required|xss_clean
                    |callback_alpha_dash_space');
31                $this->form_validation->set_rules('hospredate', 'Date of
                    latest hospitalization', 'trim|required|xss_clean'
                    );
32                $this->form_validation->set_rules('hospreason', '
                    Reason', 'trim|required|xss_clean');
33                $this->form_validation->set_rules('allergies', '
                    Allergies', 'trim|required|xss_clean');
34                $this->form_validation->set_rules('illnesses', '
                    Illnesses', 'trim|required|xss_clean');
35                $this->form_validation->set_rules('medications', '
                    Medications', 'trim|required|xss_clean');
36                $this->form_validation->set_rules('ci', 'Childhood
                    Illnesses', 'trim|required|xss_clean');
37                $this->form_validation->set_rules('cig', 'Cigarette', '
                    trim|required|xss_clean');
38                $this->form_validation->set_rules('cigkind', 'Cigarette
                    Kind', 'trim|xss_clean|callback_check_dependency
                    ');
39                $this->form_validation->set_rules('cigfreq', 'Cigarette
                    Frequency', 'trim|xss_clean|
                    callback_check_dependency');
40                $this->form_validation->set_rules('cigdur', 'Cigarette
                    Duration', 'trim|xss_clean|
                    callback_check_dependency');
41                $this->form_validation->set_rules('cigdole', '
                    Cigarette Date of last exposure', 'trim|
                    xss_clean|callback_check_dependency');
42                $this->form_validation->set_rules('alco', 'Alcohol',
                    'trim|required|xss_clean');
43                $this->form_validation->set_rules('alcokind', 'Alcohol
                    Kind', 'trim|xss_clean|callback_check_dependency'
                    );
44                $this->form_validation->set_rules('alcofreq', 'Alcohol
                    Frequency', 'trim|xss_clean|
                    callback_check_dependency');
45                $this->form_validation->set_rules('alcodur', 'Alcohol
                    Duration', 'trim|xss_clean|
                    callback_check_dependency');
46                $this->form_validation->set_rules('alcodole', '
                    Alcohol Date of last exposure', 'trim|
                    xss_clean|callback_check_dependency');
47                $this->form_validation->set_rules('drug', 'Drug', 'trim
                    |required|xss_clean');
48                $this->form_validation->set_rules('drugkind', 'Drug
                    Kind', 'trim|xss_clean|callback_check_dependency'
                    );
49                $this->form_validation->set_rules('drugfreq', 'Drug
                    Frequency', 'trim|xss_clean|
                    callback_check_dependency');
50                $this->form_validation->set_rules('drugdur', 'Drug
                    Duration', 'trim|xss_clean|
                    callback_check_dependency');
51                $this->form_validation->set_rules('drugdole', 'Drug
                    Date of last exposure', 'trim|xss_clean|
                    callback_check_dependency');
52
53                if ($this->form_validation->run() == FALSE)
54                {
55                    //Field validation failed. User redirected to
                    login page
56                    if (form_error('physicianname')) $message = form_error
                        ('physicianname');
57                    elseif (form_error('physicianphone')) $message =
                        form_error('physicianphone');
58                    elseif (form_error('hospredate')) $message = form_error('
                        hospredate');
59                    elseif (form_error('hospreason')) $message =
                        form_error('hospreason');
60                    elseif (form_error('allergies')) $message = form_error
                        ('allergies');
61                    elseif (form_error('illnesses')) $message = form_error
                        ('illnesses');
62                    elseif (form_error('medications')) $message =
                        form_error('medications');
63                    elseif (form_error('ci')) $message = form_error('ci');
64                    elseif (form_error('cig')) $message = form_error('cig')
                    ;
65                    elseif (form_error('cigkind')) $message = form_error('

```

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66         cigkind');
67     elseif (form_error('cigdur')) $message = form_error('
68         cigdur');
69     elseif (form_error('cigdole')) $message = form_error('
70         cigdole');
71     elseif (form_error('alco')) $message = form_error('alco
72         ');
73     elseif (form_error('alcokind')) $message = form_error('
74         alcokind');
75     elseif (form_error('alcofreq')) $message = form_error('
76         alcofreq');
77     elseif (form_error('alcodur')) $message = form_error('
78         alcodur');
79     elseif (form_error('alcodole')) $message = form_error('
80         alcodole');
81     elseif (form_error('drug')) $message = form_error('
82         drug');
83     elseif (form_error('drugkind')) $message = form_error('
84         drugkind');
85     elseif (form_error('drugfreq')) $message = form_error('
86         drugfreq');
87     elseif (form_error('drugdur')) $message = form_error('
88         drugdur');
89     elseif (form_error('drugdole')) $message = form_error('
90         drugdole');
91
92 $data = array(
93     'phname' => $this->input->post('physiannname')
94     ,
95     'phyphone' => $this->input->post('physicianphone
96     '),
97     'hospreason' => $this->input->post('hospreason'),
98     'allergies' => $this->input->post('allergies'),
99     'illnesses' => $this->input->post('illnesses'),
100    'medications' => $this->input->post('medications'
101    ),
102    'ci' => $this->input->post('ci'),
103    'cig' => $this->input->post('cig'),
104    'cigkind' => $this->input->post('cigkind'),
105    'cigfreq' => $this->input->post('cigfreq'),
106    'cigdur' => $this->input->post('cigdur'),
107    'cigdole' => $this->input->post('cigdole'),
108    'alco' => $this->input->post('alco'),
109    'alcokind' => $this->input->post('alcokind'),
110    'alcofreq' => $this->input->post('alcofreq'),
111    'alcodur' => $this->input->post('alcodur'),
112    'alcodole' => $this->input->post('alcodole'),
113    'drug' => $this->input->post('drug'),
114    'drugkind' => $this->input->post('drugkind'),
115    'drugfreq' => $this->input->post('drugfreq'),
116    'drugdur' => $this->input->post('drugdur'),
117    'drugdole' => $this->input->post('drugdole'),
118    'error' => $message,
119    'invalid_input' => true);
120
121 $session_data = $this->session->userdata('
122     current_patient');
123 $sid = $session_data['id'];
124
125     $this->session->set_userdata('has_error',
126         $data);
127
128     redirect ('/medandsochistory/patient/'. $sid.'/');
129 }
130 else
131 {
132     //Go to private area
133     $phname = $this->input->post('physiannname');
134     $phyphone = $this->input->post('physicianphone');
135     $hospreason = $this->input->post('hospreason');
136     $allergies = $this->input->post('allergies');
137     $illnesses = $this->input->post('illnesses');
138     $medications = $this->input->post('medications');
139     $ci = $this->input->post('ci');
140
141     $cig = $this->input->post('cig');
142     $cigkind = "";
143     $cigfreq = "";
144     $cigdur = "";
145     $cigdole = "";
146     if ($cig=="Yes"){
147         $cigkind = $this->input->post('cigkind');
148         $cigfreq = $this->input->post('cigfreq');
149         $cigdur = $this->input->post('cigdur');
150         $cigdole = $this->input->post('cigdole');
151     }
152     $alco = $this->input->post('alco');
153     $alcokind = "";
154     $alcofreq = "";
155     $alcodur = "";
156     $alcodole = "";
157     if ($alco=="Yes"){
158         $alcokind = $this->input->post('alcokind');
159         $alcofreq = $this->input->post('alcofreq');
160
161         $alcodur = $this->input->post('alcodur');
162         $alcodole = $this->input->post('alcodole');
163
164         $drug = $this->input->post('drug');
165         $drugkind = "";
166         $drugfreq = "";
167         $drugdur = "";
168         $drugdole = "";
169         if ($drug=="Yes"){
170             $drugkind = $this->input->post('drugkind');
171             $drugfreq = $this->input->post('drugfreq');
172             $drugdur = $this->input->post('drugdur');
173             $drugdole = $this->input->post('drugdole');
174         }
175
176         $session_data = $this->session->userdata('
177             current_patient');
178         $sid = $session_data['id'];
179
180         $this->session->unset_userdata('has_error');
181
182         $session_data5 = $this->session->userdata('logged_in
183             ');
184         $userid222 = $session_data5['username'];
185         $userid22 = $this->user->getUserID($userid222);
186         $userid2 = $userid22['userID'];
187         $date = date("Y-m-d");
188
189         if ($this->patient->hasMedandSocHisto($sid) $this
190             ->user->addAuditTrail($userid2, 'UPDATE', '
191             Medical and Social History', $sid, $date);
192         else $this->user->addAuditTrail($userid2, '
193             INSERT', 'Medical and Social History', $sid,
194             $date);
195
196         $this->patient->addPatientInfo_tab3($sid, $phname,
197             $phyphone, $hospreason, $allergies,
198             $illnesses, $medications, $ci, $cig, $cigkind,
199             $cigfreq, $cigdur, $cigdole, $alco, $alcokind,
200             $alcodur, $alcodole, $drug,
201             $drugkind, $drugfreq, $drugdur, $drugdole);
202
203         $session_data2 = $this->session->userdata('
204             current_patient');
205         $session_data3 = $this->session->userdata('logged_in
206             ');
207         $sid = $session_data2['id'];
208
209         $username = $session_data3['username'];
210         $info = $this->user->getUserID($username);
211
212         $userid = $info['userID'];
213
214         $date = date("Y-m-d");
215         $status = "Pending";
216         $approver = "Pending";
217         $approvedate = "Pending";
218
219         $this->patient->addMedAndSocHistoVersion($sid,
220             $userid, $date, $status, $approver, $approvedate
221             );
222
223         redirect ('/loaddashboard/patientdb/'. $sid.'/');
224     }
225 }
226 else{
227     redirect ('home', 'refresh');
228 }
229 }else{
230     //If no session, redirect to login page
231     redirect ('login', 'refresh');
232 }
233 }
234
235 function alpha_dash_space($str){
236     $phone_entry = $this->input->post('physicianphone');
237     $ptnicoe_entry = $this->input->post('ptnicoeum');
238     $bp_entry = $this->input->post('bp');
239     $pr_entry = $this->input->post('pr');
240     $rr_entry = $this->input->post('rr');
241     $temp_entry = $this->input->post('temp');
242     $wt_entry = $this->input->post('wt');
243
244     if (preg_match("/^([a-z. ]+$/i", $phone_entry)){
245         $this->form_validation->set_message('
246             alpha_dash_space', 'Physician Phone field only
247             accepts a numeric entry');
248         return false;
249     }
250 }
251
252 return true;
253 }

```

```

228 function check_dependency($str){
229     $skind = $this->input->post('cigkind');
230     $cfreq = $this->input->post('cigfreq');
231     $cdur = $this->input->post('cigdur');
232     $cdole = $this->input->post('alcodole');
233     $sakin = $this->input->post('alcokind');
234     $sfreq = $this->input->post('alcofreq');
235     $sadur = $this->input->post('alcodur');
236     $sadole = $this->input->post('alcode');
237     $dkind = $this->input->post('drugkind');
238     $dfreq = $this->input->post('drugfreq');
239     $ddur = $this->input->post('drugdur');
240     $ddole = $this->input->post('drugdole');
241
242     if($this->input->post('cig') == 'Yes' && $skind ==
243         ""){
244         $this->form_validation->set_message('
245             check_dependency', 'Cigarette Type is required.');
```

```

246         return false;
247     }
248     elseif($this->input->post('cig') == 'Yes' && $cfreq
249         == ""){
250         $this->form_validation->set_message('
251             check_dependency', 'Cigarette Frequency is
252             required.');
```

```

253         return false;
254     }
255     elseif($this->input->post('cig') == 'Yes' && $cdur
256         == ""){
257         $this->form_validation->set_message('
258             check_dependency', 'Cigarette Duration is
259             required.');
```

```

260         return false;
261     }
262     elseif($this->input->post('cig') == 'Yes' && $cdole
263         == ""){
264         $this->form_validation->set_message('
265             check_dependency', 'Cigarette Date of last
266             exposure is required.');
```

```

267         return false;
268     }
269     elseif($this->input->post('alco') == 'Yes' && $sakin
270         == ""){
271         $this->form_validation->set_message('
272             check_dependency', 'Alcohol Type is required.');
```

```

273         return false;
274     }
275     elseif($this->input->post('alco') == 'Yes' && $sfreq
276         == ""){
277         $this->form_validation->set_message('
278             check_dependency', 'Alcohol Frequency is
279             required.');
```

```

280         return false;
281     }
282     elseif($this->input->post('alco') == 'Yes' && $sadur
283         == ""){
284         $this->form_validation->set_message('
285             check_dependency', 'Alcohol Duration is
286             required.');
```

```

287         return false;
288     }
289     elseif($this->input->post('drug') == 'Yes' && $dkind
290         == ""){
291         $this->form_validation->set_message('
292             check_dependency', 'Drug Type is required.');
```

```

293         return false;
294     }
295     elseif($this->input->post('drug') == 'Yes' && $dfreq
296         == ""){
297         $this->form_validation->set_message('
298             check_dependency', 'Drug Frequency is
299             required.');
```

```

300         return false;
301     }
302     elseif($this->input->post('drug') == 'Yes' && $ddur
303         == ""){
304         $this->form_validation->set_message('
305             check_dependency', 'Drug Duration is
306             required.');
```

```

307         return false;
308     }
309     elseif($this->input->post('drug') == 'Yes' && $ddole
310         == ""){
311         $this->form_validation->set_message('
312             check_dependency', 'Drug Date of last
313             exposure is required.');
```

```

314         return false;
315     }
316 }
317 }
318 }
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1000 }

```

Listing 40: verifyaddpatient.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
2 access allowed');
3
4 require('addpatient.php');
5
6 class VerifyAddPatient extends CI_Controller {
7
8     function __construct()
9     {
10         parent::__construct();
11         $this->load->model('patient', TRUE);
12         $this->load->model('user', TRUE);
13     }
14
15     function index()
16     {
17         $session_data = $this->session->userdata('logged_in');
18         if($this->session->userdata('logged_in'))
19         {
20             $bool = false;
21             $sec = $session_data['section'];
22             foreach($sec as $row){
23                 if($row == "Oral Diagnosis"){
24                     $bool = true;
25                     break;
26                 }
27             }
28
29             if($bool){
30                 //This method will have the credentials validation
31                 $this->load->library('form_validation');
32
33                 $this->form_validation->set_rules('lastname', 'Last
34                     Name', 'trim|required|xss_clean');
35                 $this->form_validation->set_rules('firstname', 'Given
36                     Name', 'trim|required|xss_clean');
37                 $this->form_validation->set_rules('midname', 'Middle
38                     Name', 'trim|required|xss_clean');
39                 $this->form_validation->set_rules('idnum', 'ID
40                     number', 'trim|required|xss_clean');
41                 $this->form_validation->set_rules('houseno', '
42                     House Number', 'trim|required|xss_clean');
43                 $this->form_validation->set_rules('street', 'Street'
44                     , 'trim|required|xss_clean');
45                 $this->form_validation->set_rules('brgy', '
46                     Baranggay', 'trim|required|xss_clean');
```

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47
48                 $this->form_validation->set_rules('city', 'City/
49                     Municipality', 'trim|required|xss_clean');
50                 $this->form_validation->set_rules('province', '
51                     Province', 'trim|required|xss_clean');
52                 $this->form_validation->set_rules('sex', 'Gender', '
53                     trim|required|xss_clean|callback_check_gender'
54                     );
55                 $this->form_validation->set_rules('bdate', 'Birthdate',
56                     'trim|required|xss_clean');
57                 $this->form_validation->set_rules('deceased', '
58                     Deceased', 'trim|required|xss_clean|
59                     callback_check_deceased');
```

```

60                 if($this->form_validation->run() == FALSE)
61                 {
62                     $SID = $this->patient->getMaxId();
63                     foreach($SID as $row){
64                         $supcid[] = $row['UPCD.ID'];
65                     }
66                     foreach($supcid as $row){
67                         $explode = explode('-', $row, 2);
68                         $ctr[] = intval($explode[1]);
69                     }
70
71                     $smax=0;
72                     for($i=0; $i<sizeof($ctr); $i++){
73                         if($ctr[$i] > $smax){
74                             $smax = $ctr[$i];
75                         }
76                     }
77
78                     $data['maxID'] = $smax;
79                     //Field validation failed. User redirected to
80                     login page
81                     $this->load->view('addpatient_view', $data);
82                 }
83                 else
84                 {
85                     //Go to private area
86                     $fname = $this->input->post('firstname');
87                     $mname = $this->input->post('midname');
88                     $lname = $this->input->post('lastname');
89                     $sidr = $this->input->post('idyr');
90                     $idnum = $this->input->post('idnum');
91                     $houseno = $this->input->post('houseno');
```



```

78     $street = $this->input->post('street');
79     $brgy = $this->input->post('brgy');
80     $city = $this->input->post('city');
81     $province = $this->input->post('province');
82     $sex = $this->input->post('sex');
83     $bdate = $this->input->post('bdate');
84     $age = $this->input->post('age');
85     $deceased = $this->input->post('deceased');
86
87     $id = $idyr."-".$idnum;
88     $date = date("Y-m-d");
89
90     $userID = $this->user->getUserID($session_data['
91         username']);
92     $userid = $userID['userID'];
93
94     $this->patient->addPatient($id, $fname, $mname,
95         $lname, $housesno, $street, $brgy, $city,
96         $province, $sex, $bdate, $age, $deceased, "Oral
97         Diagnosis", $userid, "Open", $date);
98
99     $data = $this->patient->getPatient($id);
100
101     $ptnt_array = array();
102     foreach($data as $row){
103         $ptnt_array = array(
104             'id' => $row['UPCD_ID'],
105             'name' => $row['patientFName']." ".substr(
106                 $row['patientMName'], 0, 1)." ". $row['
107                 patientLName'],
108             'age' => $row['age'],
109             'address' => $row['housesno']." ". $row['street'] ." ".
110                 $row['brgy'] ." ". $row['city'] ." ". $row['
111                 province'],
112             'gender' => $row['gender']
113         );
114         $this->session->set_userdata('current_patient'
115             , $ptnt_array);
116     }
117     redirect ('/loaddashboard/patientdb/'.$id);
118 }
119 }

```

```

114     else{
115         redirect ('home', 'refresh');
116     }
117 }else{
118     //If no session, redirect to login page
119     redirect ('login', 'refresh');
120 }
121 }
122
123 function check_gender($gender){
124     if($gender == "Select one."){
125         $this->form_validation->set_message('check_gender', '
126             Select a gender. ');
127         return false;
128     }
129     return true;
130 }
131
132 function check_deceased($deceased){
133     if($deceased == ""){
134         $this->form_validation->set_message('check_deceased', '
135             Specify if patient is deceased. ');
136         return false;
137     }
138     return true;
139 }
140
141 function check_ID($id){
142     $year = date("Y");
143     $upcd_id = substr($year, 2)."-$id;
144     $getpatient = $this->patient->getPatient($upcd_id);
145
146     if($getpatient == "false"){
147         $this->form_validation->set_message('check_ID', '
148             UPCD_ID already exist. Enter a new ID. ');
149         return false;
150     }
151     return true;
152 }
153 }
154 }
155 }?>

```

Listing 41: verifyaddpatientchecklist.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
2     access allowed');
3
4 class VerifyAddPatientChecklist extends CI_Controller {
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient', TRUE);
9         $this->load->model('user', TRUE);
10    }
11
12    function index(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if($row == "Oral Diagnosis"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if($bool){
26                //This method will have the credentials validation
27                $this->load->library('form_validation');
28
29                $this->form_validation->set_rules('hbp', 'High blood
30                    pressure', 'trim|required|xss_clean');
31                $this->form_validation->set_rules('pij', 'Pain in
32                    joints', 'trim|required|xss_clean');
33                $this->form_validation->set_rules('ha', 'Heart attack',
34                    'trim|required|xss_clean');
35                $this->form_validation->set_rules('trem', 'Tremors', '
36                    trim|required|xss_clean');
37                $this->form_validation->set_rules('apcp', 'Angia
38                    Pectoris, chest pain', 'trim|required|xss_clean'
39                    );
40                $this->form_validation->set_rules('bt', 'Blood
41                    transfusion', 'trim|required|xss_clean');
42                $this->form_validation->set_rules('sa', 'Swollen
43                    ankles', 'trim|required|xss_clean');
44                $this->form_validation->set_rules('dptgb', 'Denied
45                    permission to give blood', 'trim|required|
46                    xss_clean');
47                $this->form_validation->set_rules('fhf', 'Frequent
48                    high fever', 'trim|required|xss_clean');
49                $this->form_validation->set_rules('pal', 'Pallor', '
50                    trim|required|xss_clean');
51                $this->form_validation->set_rules('pahv', 'Pacemakers
52                    , artificial heart valves', 'trim|required|xss_clean
53                    ');
54                $this->form_validation->set_rules('dia', 'Diabetes', '
55                    trim|required|xss_clean');
56                $this->form_validation->set_rules('emp', 'Emphysema'
57                    , 'trim|required|xss_clean');
58                $this->form_validation->set_rules('goi', 'Goiter', '
59                    trim|required|xss_clean');
60                $this->form_validation->set_rules('af', 'Afternoon
61                    Fever', 'trim|required|xss_clean');
62                $this->form_validation->set_rules('bobt', 'Bleeding or
63                    bruising tendency', 'trim|required|xss_clean');
64                $this->form_validation->set_rules('cc', 'Chronic cough
65                    ', 'trim|required|xss_clean');
66                $this->form_validation->set_rules('swlog', 'Sudden
67                    weight loss or gain', 'trim|required|xss_clean');
68                $this->form_validation->set_rules('brp', 'Breathing
69                    problems', 'trim|required|xss_clean');
70                $this->form_validation->set_rules('ft', 'Frequent
71                    thirst', 'trim|required|xss_clean');
72                $this->form_validation->set_rules('bs', 'Bloody
73                    sputum', 'trim|required|xss_clean');
74                $this->form_validation->set_rules('fh', 'Frequent
75                    hunger', 'trim|required|xss_clean');
76                $this->form_validation->set_rules('sin', 'Sinusitis', '
77                    trim|required|xss_clean');
78                $this->form_validation->set_rules('fur', 'Frequent
79                    urination', 'trim|required|xss_clean');
80                $this->form_validation->set_rules('fha', 'Frequent
81                    headaches', 'trim|required|xss_clean');
82                $this->form_validation->set_rules('che', '
83                    Chemotherapy', 'trim|required|xss_clean');
84                $this->form_validation->set_rules('diz', 'Dizziness', '
85                    trim|required|xss_clean');
86                $this->form_validation->set_rules('puu', 'Pain upon
87                    urination', 'trim|required|xss_clean');
88                $this->form_validation->set_rules('fslc', 'Fainting
89                    spells or loss of consciousness', 'trim|required|
90                    xss_clean');
91                $this->form_validation->set_rules('biu', 'Blood/pus in
92                    urine', 'trim|required|xss_clean');
93                $this->form_validation->set_rules('vi', 'Visual
94                    impairment', 'trim|required|xss_clean');
95                $this->form_validation->set_rules('hep', 'Hepatitis', '
96                    trim|required|xss_clean');
97                $this->form_validation->set_rules('hi', 'Hearing
98                    impairment', 'trim|required|xss_clean');
99                $this->form_validation->set_rules('hiv', 'HIV positive'

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    , 'trim|required|xss_clean');
63 $this->form_validation->set_rules('art', 'Arthritis', '
    trim|required|xss_clean');
64 $this->form_validation->set_rules('pad', 'Pelvic/lower
    abdominal discomfort', 'trim|required|xss_clean');
65 $this->form_validation->set_rules('ner', 'Nervousness',
    'trim|required|xss_clean');
66 $this->form_validation->set_rules('dep', 'Depression',
    'trim|required|xss_clean');
67 $this->form_validation->set_rules('anx', 'Anxiety', '
    trim|required|xss_clean');
68 $this->form_validation->set_rules('oth', 'Patient
    Checklist Others', 'trim|required|xss_clean');
69 $this->form_validation->set_rules('ast', 'Asthma', '
    trim|required|xss_clean');
70 $this->form_validation->set_rules('cloth', 'Patient
    Checklist Others Text', 'trim|xss_clean|
    callback_check_dependency');
71 $this->form_validation->set_rules('diaf', 'Family
    Diabetes', 'trim|required|xss_clean|
    callback_alpha_dash_space');
72 $this->form_validation->set_rules('bdf', 'Bleeding
    Disorders', 'trim|required|xss_clean|
    callback_alpha_dash_space');
73 $this->form_validation->set_rules('hdf', 'Heart
    Diseases', 'trim|required|xss_clean|
    callback_alpha_dash_space');
74 $this->form_validation->set_rules('canf', 'Cancer', '
    trim|required|xss_clean|callback_alpha_dash_space
    ');
75 $this->form_validation->set_rules('famoth', 'Family
    Others', 'trim|required|xss_clean|
    callback_alpha_dash_space');
76 $this->form_validation->set_rules('famotht', 'Family
    Others Text', 'trim|xss_clean|
    callback_check_dependency');
77 $this->form_validation->set_rules('druga', 'Drugs', '
    trim|required|xss_clean|callback_alpha_dash_space'
    );
78 $this->form_validation->set_rules('fooda', 'Food', '
    trim|required|xss_clean|callback_alpha_dash_space
    ');
79 $this->form_validation->set_rules('ruba', 'Rubber', '
    trim|required|xss_clean|callback_alpha_dash_space'
    );
80 $this->form_validation->set_rules('aloth', 'Allergy
    Others', 'trim|required|xss_clean|
    callback_alpha_dash_space');
81 $this->form_validation->set_rules('alotht', 'Allergy
    Others Text', 'trim|xss_clean|
    callback_check_dependency');
82 $this->form_validation->set_rules('pregfe', 'Pregnant',
    'trim|required|xss_clean|
    callback_alpha_dash_space');
83 $this->form_validation->set_rules('bffe', '
    Breastfeeding', 'trim|required|xss_clean|
    callback_alpha_dash_space');
84 $this->form_validation->set_rules('hrtfe', 'Hormone
    replacement therapy', 'trim|required|xss_clean|
    callback_alpha_dash_space');
85 $this->form_validation->set_rules('mensfe', '
    Menstruation', 'trim|required|xss_clean|
    callback_alpha_dash_space');
86 $this->form_validation->set_rules('confe', '
    Contraceptive', 'trim|required|xss_clean|
    callback_alpha_dash_space');
87
88 if($this->form_validation->run() == FALSE)
89 {
90     //Field validation failed. User redirected to
91     login page
92     if(form_error('hbp')) $message = form_error('hbp');
93     elseif(form_error('pij')) $message = form_error('pij')
94     ;
95     elseif(form_error('ha')) $message = form_error('ha');
96     elseif(form_error('trem')) $message = form_error('
97     trem');
98     elseif(form_error('apcp')) $message = form_error('
99     apcp');
100    elseif(form_error('bt')) $message = form_error('bt');
101    elseif(form_error('sa')) $message = form_error('sa');
102    elseif(form_error('dptgb')) $message = form_error('
103    dptgb');
104    elseif(form_error('fhf')) $message = form_error('fhf')
105    ;
106    elseif(form_error('pal')) $message = form_error('pal')
107    ;
108    elseif(form_error('pahv')) $message = form_error('
109    pahv');
110    elseif(form_error('dia')) $message = form_error('dia')
111    ;
112    elseif(form_error('emp')) $message = form_error('emp')
113    ;
114    elseif(form_error('goi')) $message = form_error('goi')
115    ;
116    elseif(form_error('af')) $message = form_error('af');
117    elseif(form_error('bobt')) $message = form_error('
118    bobt');
119    elseif(form_error('cc')) $message = form_error('cc');
120
121    elseif(form_error('swlog')) $message = form_error('
122    swlog');
123    elseif(form_error('brp')) $message = form_error('brp')
124    ;
125    ;
126    elseif(form_error('ft')) $message = form_error('ft');
127    elseif(form_error('bs')) $message = form_error('bs');
128    elseif(form_error('fh')) $message = form_error('fh');
129    elseif(form_error('sin')) $message = form_error('sin')
130    ;
131    ;
132    elseif(form_error('fur')) $message = form_error('fur')
133    ;
134    ;
135    elseif(form_error('fha')) $message = form_error('fha')
136    ;
137    ;
138    elseif(form_error('che')) $message = form_error('che')
139    ;
140    ;
141    elseif(form_error('diz')) $message = form_error('diz')
142    ;
143    ;
144    elseif(form_error('puu')) $message = form_error('puu')
145    ;
146    ;
147    elseif(form_error('fslc')) $message = form_error('fslc')
148    ;
149    ;
150    elseif(form_error('biu')) $message = form_error('biu')
151    ;
152    ;
153    elseif(form_error('vi')) $message = form_error('vi');
154    elseif(form_error('hep')) $message = form_error('hep')
155    ;
156    ;
157    elseif(form_error('hi')) $message = form_error('hi');
158    elseif(form_error('hiv')) $message = form_error('hiv')
159    ;
160    ;
161    elseif(form_error('art')) $message = form_error('art')
162    ;
163    ;
164    elseif(form_error('pad')) $message = form_error('pad')
165    ;
166    ;
167    elseif(form_error('ner')) $message = form_error('ner')
168    ;
169    ;
170    elseif(form_error('dep')) $message = form_error('dep')
171    ;
172    ;
173    elseif(form_error('anx')) $message = form_error('anx')
174    ;
175    ;
176    elseif(form_error('ast')) $message = form_error('ast')
177    ;
178    ;
179    elseif(form_error('oth')) $message = form_error('oth')
180    ;
181    ;
182    elseif(form_error('cloth')) $message = form_error('
183    cloth');
184    elseif(form_error('diaf')) $message = form_error('diaf')
185    ;
186    ;
187    elseif(form_error('bdf')) $message = form_error('bdf')
188    ;
189    ;
190    elseif(form_error('hdf')) $message = form_error('hdf')
191    ;
192    ;
193    elseif(form_error('canf')) $message = form_error('canf')
194    ;
195    ;
196    elseif(form_error('famoth')) $message = form_error('
197    famoth');
198    elseif(form_error('famotht')) $message = form_error('
199    famotht');
200    elseif(form_error('druga')) $message = form_error('
201    druga');
202    elseif(form_error('fooda')) $message = form_error('
203    fooda');
204    elseif(form_error('ruba')) $message = form_error('
205    ruba');
206    elseif(form_error('aloth')) $message = form_error('
207    aloth');
208    elseif(form_error('alotht')) $message = form_error('
209    alotht');
210    elseif(form_error('pregfe')) $message = form_error('
211    pregfe');
212    elseif(form_error('bffe')) $message = form_error('bffe')
213    ;
214    ;
215    elseif(form_error('hrtfe')) $message = form_error('
216    hrtfe');
217    ;
218    elseif(form_error('mensfe')) $message = form_error('
219    mensfe');
220    elseif(form_error('confe')) $message = form_error('
221    confe');
222
223    $data = array(
224        'hbp' => $this->input->post('hbp'),
225        'pij' => $this->input->post('pij'),
226        'ha' => $this->input->post('ha'),
227        'trem' => $this->input->post('trem'),
228        'apcp' => $this->input->post('apcp'),
229        'bt' => $this->input->post('bt'),
230        'sa' => $this->input->post('sa'),
231        'dptgb' => $this->input->post('dptgb'),
232        'fhf' => $this->input->post('fhf'),
233        'pal' => $this->input->post('pal'),
234        'pahv' => $this->input->post('pahv'),
235        'dia' => $this->input->post('dia'),
236        'emp' => $this->input->post('emp'),
237        'goi' => $this->input->post('goi'),
238        'af' => $this->input->post('af'),
239        'bobt' => $this->input->post('bobt'),
240        'cc' => $this->input->post('cc'),
241        'swlog' => $this->input->post('swlog'),
242        'brp' => $this->input->post('brp'),

```

```

171 'ft' => $this->input->post('ft'),
172 'bs' => $this->input->post('bs'),
173 'fh' => $this->input->post('fh'),
174 'sin' => $this->input->post('sin'),
175 'fur' => $this->input->post('fur'),
176 'fha' => $this->input->post('fha'),
177 'che' => $this->input->post('che'),
178 'diz' => $this->input->post('diz'),
179 'puu' => $this->input->post('puu'),
180 'fslc' => $this->input->post('fslc'),
181 'biu' => $this->input->post('biu'),
182 'vi' => $this->input->post('vi'),
183 'hep' => $this->input->post('hep'),
184 'hi' => $this->input->post('hi'),
185 'hiv' => $this->input->post('hiv'),
186 'art' => $this->input->post('art'),
187 'pad' => $this->input->post('pad'),
188 'ner' => $this->input->post('ner'),
189 'dep' => $this->input->post('dep'),
190 'anx' => $this->input->post('anx'),
191 'ast' => $this->input->post('ast'),
192 'oth' => $this->input->post('oth'),
193 'checklist' => $this->input->post('cloth'),
194 'diaf' => $this->input->post('diaf'),
195 'bdf' => $this->input->post('bdf'),
196 'hdf' => $this->input->post('hdf'),
197 'canf' => $this->input->post('canf'),
198 'famoth' => $this->input->post('famoth'),
199 'family' => $this->input->post('famotht'),
200 'druga' => $this->input->post('druga'),
201 'fooda' => $this->input->post('fooda'),
202 'ruba' => $this->input->post('ruba'),
203 'aloth' => $this->input->post('aloth'),
204 'allergy' => $this->input->post('alotht'),
205 'pregfe' => $this->input->post('pregfe'),
206 'bffe' => $this->input->post('bffe'),
207 'hrtfe' => $this->input->post('hrtfe'),
208 'mensfe' => $this->input->post('mensfe'),
209 'confe' => $this->input->post('confe'),
210 'error' => $message,
211 'invalid_input' => true;
212
213 $session_data = $this->session->userdata('
    current_patient');
214 $id = $session_data['id'];
215
216 $this->session->set_userdata('has_error',
    $data);
217
218     redirect ('/patientchecklist/patient/'. $id. '/');
219 }
220 else
221 {
222     //Go to private area
223     // TAB2 - Patient Checklist
224     $hbp = $this->input->post('hbp');
225     $pij = $this->input->post('pij');
226     $sha = $this->input->post('ha');
227     $trem = $this->input->post('trem');
228     $apcp = $this->input->post('apcp');
229     $bt = $this->input->post('bt');
230     $sa = $this->input->post('sa');
231     $dptgb = $this->input->post('dptgb');
232     $fhf = $this->input->post('fhf');
233     $pal = $this->input->post('pal');
234     $pahv = $this->input->post('pahv');
235     $dia = $this->input->post('dia');
236     $emp = $this->input->post('emp');
237     $goi = $this->input->post('goi');
238     $saf = $this->input->post('af');
239     $bobt = $this->input->post('bobt');
240     $cc = $this->input->post('cc');
241     $swlog = $this->input->post('swlog');
242     $brp = $this->input->post('brp');
243     $ft = $this->input->post('ft');
244     $bs = $this->input->post('bs');
245     $fh = $this->input->post('fh');
246     $sin = $this->input->post('sin');
247     $fur = $this->input->post('fur');
248     $fha = $this->input->post('fha');
249     $che = $this->input->post('che');
250     $diz = $this->input->post('diz');
251     $puu = $this->input->post('puu');
252     $fslc = $this->input->post('fslc');
253     $biu = $this->input->post('biu');
254     $vi = $this->input->post('vi');
255     $hep = $this->input->post('hep');
256     $hi = $this->input->post('hi');
257     $hiv = $this->input->post('hiv');
258     $art = $this->input->post('art');
259     $pad = $this->input->post('pad');
260     $ner = $this->input->post('ner');
261     $dep = $this->input->post('dep');
262     $anx = $this->input->post('anx');
263     $ast = $this->input->post('ast');
264     $oth = $this->input->post('oth');
265     $checklist = "";
266     if ($oth == 'Yes'){
267         $checklist = $this->input->post('cloth');
268     }
269     $diaf = $this->input->post('diaf');
270     $bdf = $this->input->post('bdf');
271     $hdf = $this->input->post('hdf');
272     $canf = $this->input->post('canf');
273     $famoth = $this->input->post('famoth');
274     $family = "";
275     if ($famoth == 'Yes'){
276         $family = $this->input->post('famotht');
277     }
278     $druga = $this->input->post('druga');
279     $fooda = $this->input->post('fooda');
280     $ruba = $this->input->post('ruba');
281     $aloth = $this->input->post('aloth');
282     $allergy = "";
283     if ($aloth == 'Yes'){
284         $allergy = $this->input->post('alotht');
285     }
286     $pregfe = $this->input->post('pregfe');
287     $bffe = $this->input->post('bffe');
288     $hrtfe = $this->input->post('hrtfe');
289     $mensfe = $this->input->post('mensfe');
290     $confe = $this->input->post('confe');
291
292     $session_data = $this->session->userdata('
    current_patient');
293     $session_data2 = $this->session->userdata('logged_in
    ');
294     $id = $session_data['id'];
295
296     $this->session->unset_userdata('has_error');
297
298     $userID222 = $session_data2['username'];
299     $userID22 = $this->user->getUserID($userID222);
300     $userID = $userID22['userID'];
301     $date = date("Y-m-d");
302
303     if ($this->patient->hasPatientChecklist($id) $this
    ->user->addAuditTrail($userID2, 'UPDATE', '
    Patient Checklist', $id, $date);
304     else $this->user->addAuditTrail($userID2, '
    INSERT', 'Patient Checklist', $id, $date);
305
306
307
308
309     $this->patient->addPatientInfo_tab2($id, $hbp, $pij,
    $sha, $trem, $apcp, $bt, $sa, $dptgb, $fhf, $pal,
    $pahv, $dia, $emp, $goi, $saf, $bobt, $cc, $swlog
    , $brp, $ft, $bs, $fh, $sin, $fur, $fha, $che,
    $diz, $puu, $fslc, $biu, $vi, $hep, $hi, $hiv,
    $art, $pad, $ner, $dep, $anx, $ast, $oth,
    $checklist, $diaf, $bdf, $hdf, $canf, $famoth,
    $family, $druga, $fooda, $ruba, $aloth, $allergy,
    $pregfe, $bffe, $hrtfe, $mensfe, $confe);
310
311     $session_data2 = $this->session->userdata('
    current_patient');
312     $session_data3 = $this->session->userdata('logged_in
    ');
313     $id = $session_data2['id'];
314
315     $username = $session_data3['username'];
316     $info = $this->user->getUserID($username);
317     $userID = $info['userID'];
318
319     $date = date("Y-m-d");
320     $status = "Pending";
321     $approver = "Pending";
322     $approvedate = "Pending";
323
324     $this->patient->addPatientChecklistVersion($id,
    $userID, $date, $status, $approver, $approvedate
    );
325
326     redirect ('/loaddashboard/patientdb/'. $id. '/');
327
328 }
329 }
330 else{
331     redirect ('home', 'refresh');
332 }
333 }else{
334     //If no session, redirect to login page
335     redirect ('login', 'refresh');
336 }
337 }
338
339 function check_dependency($str){
340     $cloth = $this->input->post('cloth');
341     $famoth = $this->input->post('famotht');
342     $aloth = $this->input->post('alotht');
343
344     if ($this->input->post('oth') == 'Yes' && $cloth ==
    ""){
345         $this->form_validation->set_message('
    check_dependency', 'Patient checklist others text
    is required. ');
346         return false;

```

```

347 }
348 elseif ($this->input->post('famoth') == 'Yes' &&
    $famoth == ""){
349     $this->form_validation->set_message('
        check_dependency', 'Family checklist others text is
        required.');
```

```

353     $this->form_validation->set_message('
        check_dependency', 'Allergy checklist others text
        is required.');
```

Listing 42: verifyaddpatientinfo.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2
3 class VerifyAddPatientInfo extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient',TRUE);
9         $this->load->model('user',TRUE);
10    }
11
12    function check_civstat($civstat){
13        if($civstat == "Select one."){
14            $this->form_validation->set_message('check_civstat',
                'Select a civil status.');
```

```

68     return true;
69 }
70
71 function tabl(){
72     $session_data = $this->session->userdata('logged_in');
73     if($this->session->userdata('logged_in'))
74     {
75         $bool = false;
76         $sec = $session_data['section'];
77         foreach($sec as $row){
78             if($row == "Oral Diagnosis"){
79                 $bool = true;
80             }
81             break;
82         }
83     }
84
85     if($bool){
86         //This method will have the credentials validation
87         $this->load->library('form_validation');
```

```

118     elseif(form_error('bp')) $message = form_error('bp'); 209     $bool = false;
119     elseif(form_error('pr')) $message = form_error('pr'); 210     $sec = $session_data['section'];
120     elseif(form_error('rr')) $message = form_error('rr'); 211     foreach($sec as $row){
121     elseif(form_error('temp')) $message = form_error(' 212         if($row == "Oral Diagnosis"){
temp'); 213         $bool = true;
122     elseif(form_error('wt')) $message = form_error('wt'); 214         break;
123 215     }
124 $data = array( 216     }
125     'civstat' => $this->input->post('civstat'), 217
126     'phone' => $this->input->post('phone'), 218     if($bool){
127     'edattain' => $this->input->post('edattain'), 219     //This method will have the credentials validation
128     'occupation' => $this->input->post('occupation'), 220     $this->load->library('form-validation');
129     'ptnicoe' => $this->input->post('ptnicoe'), 221
130     'ptnicoenum' => $this->input->post('ptnicoenum') 222     $this->form_validation->set_rules('hbp', 'High blood
', 223     pressure', 'trim|required|xss_clean|
callback_check_civstat');
131     'hopi' => $this->input->post('hopi'), 224     $this->form_validation->set_rules('pij', 'Pain in
joints', 'trim|required|xss_clean|
callback_alpha_dash_space');
132     'gait' => $this->input->post('gait'), 225     $this->form_validation->set_rules('ha', 'Heart attack',
'trim|required|xss_clean|callback_check_edattain'
);
133     'appear' => $this->input->post('appear'), 226     $this->form_validation->set_rules('trem', 'Tremors', '
trim|required|xss_clean');
134     'dfcts' => $this->input->post('dfcts'), 227     $this->form_validation->set_rules('apcp', 'Angia
Pectoris, chest pain', 'trim|required|xss_clean'
);
135     'bp' => $this->input->post('bp'), 228     $this->form_validation->set_rules('bt', 'Blood
transfusion', 'trim|required|xss_clean|
callback_alpha_dash_space');
136     'pr' => $this->input->post('pr'), 229     $this->form_validation->set_rules('sa', 'Swollen
ankles', 'trim|required|xss_clean');
137     'rr' => $this->input->post('rr'), 230     $this->form_validation->set_rules('dptgb', 'Denied
permission to give blood', 'trim|required|
xss_clean');
138     'temp' => $this->input->post('temp'), 231     $this->form_validation->set_rules('fhf', 'Frequent
high fever', 'trim|required|xss_clean');
139     'wt' => $this->input->post('wt'), 232     $this->form_validation->set_rules('pal', 'Pallor', '
trim|required|xss_clean');
140     'error' => $message, 233     $this->form_validation->set_rules('pahv', 'Pacemakers
, artificial heart valves', 'trim|required|xss_clean
|callback_alpha_dash_space');
141     'invalid_input' => true); 234     $this->form_validation->set_rules('dia', 'Diabetes', '
trim|required|xss_clean|xss_clean');
142 235     $this->form_validation->set_rules('emp', 'Emphysema'
, 'trim|required|xss_clean|
callback_alpha_dash_space');
143 $session_data = $this->session->userdata(' 236     $this->form_validation->set_rules('goi', 'Goiter', '
trim|required|xss_clean|callback_alpha_dash_space
');
current_patient'); 237     $this->form_validation->set_rules('af', 'Afternoon
Fever', 'trim|required|xss_clean|
callback_alpha_dash_space');
144 $id = $session_data['id']; 238     $this->form_validation->set_rules('bobt', 'Bleeding or
bruising tendency', 'trim|required|xss_clean|
callback_alpha_dash_space');
145 239     $this->form_validation->set_rules('cc', 'Chronic cough
', 'trim|required|xss_clean|
callback_alpha_dash_space');
146     $this->session->set_userdata('has_error', 240     $this->form_validation->set_rules('swlog', 'Sudden
weight loss or gain', 'trim|required|xss_clean|
callback_alpha_dash_space');
$data); 241     $this->form_validation->set_rules('brp', 'Breathing
problems', 'trim|required|xss_clean|
callback_alpha_dash_space');
147 242     $this->form_validation->set_rules('ft', 'Frequent
thirst', 'trim|required|xss_clean|
callback_alpha_dash_space');
148     redirect ('/loaddashboard/patientdb/'. $id.'/'); 243     $this->form_validation->set_rules('bs', 'Bloody
sputum', 'trim|required|xss_clean|
callback_alpha_dash_space');
149     } 244     $this->form_validation->set_rules('fh', 'Frequent
hunger', 'trim|required|xss_clean|
callback_alpha_dash_space');
150     else 245     $this->form_validation->set_rules('sin', 'Sinusitis', '
trim|required|xss_clean|callback_alpha_dash_space
');
151     { 246     $this->form_validation->set_rules('fur', 'Frequent
urination', 'trim|required|xss_clean|
callback_alpha_dash_space');
152     //Go to private area 247     $this->form_validation->set_rules('fha', 'Frequent
headaches', 'trim|required|xss_clean|
callback_alpha_dash_space');
153     // TAB1 - Patient Information 248     $this->form_validation->set_rules('che', '
Chemotherapy', 'trim|required|xss_clean|
callback_alpha_dash_space');
154     $civstat = $this->input->post('civstat'); 249     $this->form_validation->set_rules('diz', 'Dizziness', '
trim|required|xss_clean|callback_alpha_dash_space
');
155     $phone = $this->input->post('phone'); 250     $this->form_validation->set_rules('puu', 'Pain upon
urination', 'trim|required|xss_clean|
callback_alpha_dash_space');
156     $edattain = $this->input->post('edattain'); 251     $this->form_validation->set_rules('fslc', 'Fainting
spells or loss of consciousness', 'trim|required|
xss_clean|callback_alpha_dash_space');
157     $occupation = $this->input->post('occupation'); 252     $this->form_validation->set_rules('biu', 'Blood/pus in
urine', 'trim|required|xss_clean|
callback_alpha_dash_space');
158     $ptnicoe = $this->input->post('ptnicoe');
159     $ptnicoenum = $this->input->post('ptnicoenum');
160     $hopi = $this->input->post('hopi');
161     $gait = $this->input->post('gait');
162     $appear = $this->input->post('appear');
163     $dfcts = $this->input->post('dfcts');
164     $bp = $this->input->post('bp');
165     $pr = $this->input->post('pr');
166     $rr = $this->input->post('rr');
167     $temp = $this->input->post('temp');
168     $wt = $this->input->post('wt');
169
170
171     $session_data = $this->session->userdata('
current_patient');
172     $id = $session_data['id'];
173
174     $this->session->unset_userdata('has_error');
175
176     $session_data2 = $this->session->userdata('
current_patient');
177     $session_data3 = $this->session->userdata('logged_in
');
178     $id = $session_data2['id'];
179
180     $username = $session_data3['username'];
181     $info = $this->user->getUserInfo3($username);
182
183     foreach($info as $row2){
184         $name = $row2['userFName']. " ". substr($row2['
userMName'], 0, 1)." ". $row2['userLName'];
185     }
186
187
188     $date = date("Y-m-d");
189     $status = "Pending";
190     $approver = "Pending";
191
192     redirect ('/loaddashboard/patientdb/'. $id.'/');
193
194     }
195 }
196 else{
197     redirect ('home', 'refresh');
198 }
199 }else{
200     //If no session, redirect to login page
201     redirect ('login', 'refresh');
202 }
203 }
204
205 function tab2(){
206     $session_data = $this->session->userdata('logged_in');
207     if($this->session->userdata('logged_in'))
208     {

```

```

252 $this->form_validation->set_rules('vi', 'Visual
    impairment', 'trim|required|xss_clean|
    callback_alpha_dash_space');
253 $this->form_validation->set_rules('hep', 'Hepatitis', '
    trim|required|xss_clean|callback_alpha_dash_space
    ');
254 $this->form_validation->set_rules('hi', 'Hearing
    impairment', 'trim|required|xss_clean|
    callback_alpha_dash_space');
255 $this->form_validation->set_rules('hiv', 'HIV positive',
    'trim|required|xss_clean|
    callback_alpha_dash_space');
256 $this->form_validation->set_rules('art', 'Arthritis', '
    trim|required|xss_clean|callback_alpha_dash_space
    ');
257 $this->form_validation->set_rules('pad', 'Pelvic/lower
    abdominal discomfort', 'trim|required|xss_clean|
    callback_alpha_dash_space');
258 $this->form_validation->set_rules('ner', 'Nervousness',
    'trim|required|xss_clean|
    callback_alpha_dash_space');
259 $this->form_validation->set_rules('dep', 'Depression',
    'trim|required|xss_clean|
    callback_alpha_dash_space');
260 $this->form_validation->set_rules('anx', 'Anxiety', '
    trim|required|xss_clean|callback_alpha_dash_space
    ');
261 $this->form_validation->set_rules('oth', 'Patient
    Checklist Others', 'trim|required|xss_clean|
    callback_alpha_dash_space');
262 $this->form_validation->set_rules('ast', 'Asthma', '
    trim|required|xss_clean|callback_alpha_dash_space'
    );
263 $this->form_validation->set_rules('cloth', 'Patient
    Checklist Others Text', 'trim|required|xss_clean|
    callback_alpha_dash_space');
264 $this->form_validation->set_rules('diaf', 'Family
    Diabetes', 'trim|required|xss_clean|
    callback_alpha_dash_space');
265 $this->form_validation->set_rules('bdf', 'Bleeding
    Disorders', 'trim|required|xss_clean|
    callback_alpha_dash_space');
266 $this->form_validation->set_rules('hdf', 'Heart
    Diseases', 'trim|required|xss_clean|
    callback_alpha_dash_space');
267 $this->form_validation->set_rules('canf', 'Cancer', '
    trim|required|xss_clean|callback_alpha_dash_space
    ');
268 $this->form_validation->set_rules('famoth', 'Family
    Others', 'trim|required|xss_clean|
    callback_alpha_dash_space');
269 $this->form_validation->set_rules('famotht', 'Family
    Others Text', 'trim|required|xss_clean|
    callback_alpha_dash_space');
270 $this->form_validation->set_rules('druga', 'Drugs', '
    trim|required|xss_clean|callback_alpha_dash_space'
    );
271 $this->form_validation->set_rules('fooda', 'Food', '
    trim|required|xss_clean|callback_alpha_dash_space
    ');
272 $this->form_validation->set_rules('ruba', 'Rubber', '
    trim|required|xss_clean|callback_alpha_dash_space'
    );
273 $this->form_validation->set_rules('aloth', 'Allergy
    Others', 'trim|required|xss_clean|
    callback_alpha_dash_space');
274 $this->form_validation->set_rules('alotht', 'Allergy
    Others Text', 'trim|required|xss_clean|
    callback_alpha_dash_space');
275 $this->form_validation->set_rules('pregfe', 'Pregnant',
    'trim|required|xss_clean|
    callback_alpha_dash_space');
276 $this->form_validation->set_rules('bffe', '
    Breastfeeding', 'trim|required|xss_clean|
    callback_alpha_dash_space');
277 $this->form_validation->set_rules('hrtfe', 'Hormone
    replacement therapy', 'trim|required|xss_clean|
    callback_alpha_dash_space');
278 $this->form_validation->set_rules('mensfe', '
    Menstruation', 'trim|required|xss_clean|
    callback_alpha_dash_space');
279 $this->form_validation->set_rules('confe', '
    Contraceptive', 'trim|required|xss_clean|
    callback_alpha_dash_space');
280
281
282 if($this->form_validation->run() == FALSE)
283 {
284     //Field validation failed. User redirected to
285     login page
286     if(form_error('hbp')) $message = form_error('hbp');
287     elseif(form_error('pij')) $message = form_error('pij')
288     ;
289     elseif(form_error('ha')) $message = form_error('ha');
290     elseif(form_error('trem')) $message = form_error('
    trem');
291     elseif(form_error('apcp')) $message = form_error('
    apcp');
292     elseif(form_error('bt')) $message = form_error('bt');
293
294     elseif(form_error('sa')) $message = form_error('sa');
295     elseif(form_error('dptgb')) $message = form_error('
    dptgb');
296     elseif(form_error('fhf')) $message = form_error('fhf')
297     ;
298     elseif(form_error('pal')) $message = form_error('pal')
299     ;
300     elseif(form_error('pahv')) $message = form_error('
    pahv');
301     elseif(form_error('dia')) $message = form_error('dia')
302     ;
303     elseif(form_error('emp')) $message = form_error('emp')
304     ;
305     elseif(form_error('goi')) $message = form_error('goi')
306     ;
307     elseif(form_error('af')) $message = form_error('af');
308     elseif(form_error('bobt')) $message = form_error('
    bobt');
309     elseif(form_error('cc')) $message = form_error('cc');
310     elseif(form_error('swlog')) $message = form_error('
    swlog');
311     elseif(form_error('brp')) $message = form_error('brp')
312     ;
313     elseif(form_error('ft')) $message = form_error('ft');
314     elseif(form_error('bs')) $message = form_error('bs');
315     elseif(form_error('fh')) $message = form_error('fh');
316     elseif(form_error('sin')) $message = form_error('sin')
317     ;
318     elseif(form_error('fur')) $message = form_error('fur')
319     ;
320     elseif(form_error('fha')) $message = form_error('fha')
321     ;
322     elseif(form_error('che')) $message = form_error('che')
323     ;
324     elseif(form_error('diz')) $message = form_error('diz')
325     ;
326     elseif(form_error('puu')) $message = form_error('puu')
327     ;
328     elseif(form_error('fslc')) $message = form_error('fslc
    ');
329     elseif(form_error('biu')) $message = form_error('biu')
330     ;
331     elseif(form_error('vi')) $message = form_error('vi');
332     elseif(form_error('hep')) $message = form_error('hep')
333     ;
334     elseif(form_error('hi')) $message = form_error('hi');
335     elseif(form_error('hiv')) $message = form_error('hiv')
336     ;
337     elseif(form_error('art')) $message = form_error('art')
338     ;
339     elseif(form_error('pad')) $message = form_error('pad')
340     ;
341     elseif(form_error('ner')) $message = form_error('ner')
342     ;
343     elseif(form_error('dep')) $message = form_error('dep')
344     ;
345     elseif(form_error('anx')) $message = form_error('anx')
346     ;
347     elseif(form_error('ast')) $message = form_error('ast')
348     ;
349     elseif(form_error('oth')) $message = form_error('oth')
350     ;
351     elseif(form_error('cloth')) $message = form_error('
    cloth');
352     elseif(form_error('diaf')) $message = form_error('diaf
    ');
353     elseif(form_error('bdf')) $message = form_error('bdf')
354     ;
355     elseif(form_error('hdf')) $message = form_error('hdf')
356     ;
357     elseif(form_error('canf')) $message = form_error('canf
    ');
358     elseif(form_error('famoth')) $message = form_error('
    famoth');
359     elseif(form_error('famotht')) $message = form_error('
    famotht');
360     elseif(form_error('druga')) $message = form_error('
    druga');
361     elseif(form_error('fooda')) $message = form_error('
    fooda');
362     elseif(form_error('ruba')) $message = form_error('
    ruba');
363     elseif(form_error('aloth')) $message = form_error('
    aloth');
364     elseif(form_error('alotht')) $message = form_error('
    alotht');
365     elseif(form_error('pregfe')) $message = form_error('
    pregfe');
366     elseif(form_error('bffe')) $message = form_error('bffe
    ');
367     elseif(form_error('hrtfe')) $message = form_error('
    hrtfe');
368     elseif(form_error('mensfe')) $message = form_error('
    mensfe');
369     elseif(form_error('confe')) $message = form_error('
    confe');
370
371     $data = array(

```

```

346 'hbp' => $this->input->post('hbp'),
347 'pij' => $this->input->post('pij'),
348 'ha' => $this->input->post('ha'),
349 'trem' => $this->input->post('trem'),
350 'apcp' => $this->input->post('apcp'),
351 'bt' => $this->input->post('bt'),
352 'sa' => $this->input->post('sa'),
353 'dptgb' => $this->input->post('dptgb'),
354 'fhf' => $this->input->post('fhf'),
355 'pal' => $this->input->post('pal'),
356 'pahv' => $this->input->post('pahv'),
357 'dia' => $this->input->post('dia'),
358 'emp' => $this->input->post('emp'),
359 'goi' => $this->input->post('goi'),
360 'af' => $this->input->post('af'),
361 'bobt' => $this->input->post('bobt'),
362 'cc' => $this->input->post('cc'),
363 'swlog' => $this->input->post('swlog'),
364 'brp' => $this->input->post('brp'),
365 'ft' => $this->input->post('ft'),
366 'bs' => $this->input->post('bs'),
367 'fh' => $this->input->post('fh'),
368 'sin' => $this->input->post('sin'),
369 'fur' => $this->input->post('fur'),
370 'fha' => $this->input->post('fha'),
371 'che' => $this->input->post('che'),
372 'diz' => $this->input->post('diz'),
373 'puu' => $this->input->post('puu'),
374 'fslc' => $this->input->post('fslc'),
375 'biu' => $this->input->post('biu'),
376 'vi' => $this->input->post('vi'),
377 'hep' => $this->input->post('hep'),
378 'hi' => $this->input->post('hi'),
379 'hiv' => $this->input->post('hiv'),
380 'art' => $this->input->post('art'),
381 'pad' => $this->input->post('pad'),
382 'ner' => $this->input->post('ner'),
383 'dep' => $this->input->post('dep'),
384 'anx' => $this->input->post('anx'),
385 'ast' => $this->input->post('ast'),
386 'oth' => $this->input->post('oth'),
387 'checkboxlist' => $this->input->post('checkboxlist'),
388 'diaf' => $this->input->post('diaf'),
389 'bdf' => $this->input->post('bdf'),
390 'hdf' => $this->input->post('hdf'),
391 'canf' => $this->input->post('canf'),
392 'famoth' => $this->input->post('famoth'),
393 'family' => $this->input->post('family'),
394 'druga' => $this->input->post('druga'),
395 'fooda' => $this->input->post('fooda'),
396 'ruba' => $this->input->post('ruba'),
397 'aloth' => $this->input->post('aloth'),
398 'allergy' => $this->input->post('allergy'),
399 'pregfe' => $this->input->post('pregfe'),
400 'bffe' => $this->input->post('bffe'),
401 'hrtfe' => $this->input->post('hrtfe'),
402 'mensfe' => $this->input->post('mensfe'),
403 'confe' => $this->input->post('confe'),
404 'error' => $message,
405 'invalid_input' => true;
406
407 $session_data = $this->session->userdata(
408     current_patient);
409 $id = $session_data['id'];
410
411     $this->session->set_userdata('has_error',
412         $data);
413
414     redirect ('/loaddashboard/patientdb/'.$id.'/');
415 }
416 else
417 {
418     //Go to private area
419     // TAB2 - Patient Checklist
420     $hbp = $this->input->post('hbp');
421     $pij = $this->input->post('pij');
422     $ha = $this->input->post('ha');
423     $trem = $this->input->post('trem');
424     $apcp = $this->input->post('apcp');
425     $bt = $this->input->post('bt');
426     $sa = $this->input->post('sa');
427     $dptgb = $this->input->post('dptgb');
428     $fhf = $this->input->post('fhf');
429     $pal = $this->input->post('pal');
430     $pahv = $this->input->post('pahv');
431     $dia = $this->input->post('dia');
432     $emp = $this->input->post('emp');
433     $goi = $this->input->post('goi');
434     $af = $this->input->post('af');
435     $bobt = $this->input->post('bobt');
436     $cc = $this->input->post('cc');
437
438     $swlog = $this->input->post('swlog');
439     $brp = $this->input->post('brp');
440     $ft = $this->input->post('ft');
441     $bs = $this->input->post('bs');
442     $sin = $this->input->post('sin');
443     $fur = $this->input->post('fur');
444     $fha = $this->input->post('fha');
445     $che = $this->input->post('che');
446     $diz = $this->input->post('diz');
447     $puu = $this->input->post('puu');
448     $fslc = $this->input->post('fslc');
449     $biu = $this->input->post('biu');
450     $vi = $this->input->post('vi');
451     $hep = $this->input->post('hep');
452     $hi = $this->input->post('hi');
453     $hiv = $this->input->post('hiv');
454     $art = $this->input->post('art');
455     $pad = $this->input->post('pad');
456     $ner = $this->input->post('ner');
457     $dep = $this->input->post('dep');
458     $anx = $this->input->post('anx');
459     $ast = $this->input->post('ast');
460     $oth = $this->input->post('oth');
461     $checkboxlist = "";
462     if($oth == 'Yes'){
463         $checkboxlist = $this->input->post('checkboxlist');
464     }
465     $diaf = $this->input->post('diaf');
466     $bdf = $this->input->post('bdf');
467     $hdf = $this->input->post('hdf');
468     $canf = $this->input->post('canf');
469     $famoth = $this->input->post('famoth');
470     $family = "";
471     if($famoth == 'Yes'){
472         $family = $this->input->post('famoth');
473     }
474     $druga = $this->input->post('druga');
475     $fooda = $this->input->post('fooda');
476     $ruba = $this->input->post('ruba');
477     $aloth = $this->input->post('aloth');
478     $allergy = "";
479     if($aloth == 'Yes'){
480         $allergy = $this->input->post('aloth');
481     }
482     $pregfe = $this->input->post('pregfe');
483     $bffe = $this->input->post('bffe');
484     $hrtfe = $this->input->post('hrtfe');
485     $mensfe = $this->input->post('mensfe');
486     $confe = $this->input->post('confe');
487
488     $session_data = $this->session->userdata(
489         current_patient);
490     $id = $session_data['id'];
491
492     $this->session->unset_userdata('has_error');
493
494     $session_data2 = $this->session->userdata(
495         current_patient);
496     $session_data3 = $this->session->userdata('logged_in');
497     $id = $session_data2['id'];
498
499     $username = $session_data3['username'];
500     $info = $this->user->getUserInfo3($username);
501
502     foreach($info as $row2){
503         $name = $row2['userFName']." ".substr($row2['
504             userMName'], 0, 1).". ".$row2['userLName'];
505     }
506
507     $date = date("Y-m-d");
508     $status = "Pending";
509     $approver = "Pending";
510
511     redirect ('/loaddashboard/patientdb/'.$id.'/');
512 }
513 }
514 }else{
515     //If no session, redirect to login page
516     redirect ('login', 'refresh');
517 }
518 }
519 }
520 }
521 ?>

```

Listing 43: database.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
2 access allowed');
3 class VerifyAddPatientInformation extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient', TRUE);
9         $this->load->model('user', TRUE);

```



```

155 }
156 }
157
158 function check_civstat($civstat){
159     if($civstat == "Select one."){
160         $this->form_validation->set_message('check_civstat', '
161             Select a civil status.');
```

```

162     }
163     return false;
164 }
165
166 return true;
167 }
168
169 function check_edattain($edattain){
170     if($edattain == "Select one."){
171         $this->form_validation->set_message('check_edattain', '
172             Select an educational attainment.');
```

```

173     }
174     return true;
175 }
176
177 function alpha_dash_space($str){
178     $phone_entry = $this->input->post('phone');
179     $ptnicoe_entry = $this->input->post('ptnicoeenum');
180     $bp_entry = $this->input->post('bp');
181     $pr_entry = $this->input->post('pr');
182     $rr_entry = $this->input->post('rr');
183     $temp_entry = $this->input->post('temp');
184     $wt_entry = $this->input->post('wt');
```

```

185     if(preg_match("/^([-a-z_])+$/i", $phone_entry)){
186         $this->form_validation->set_message('
187             alpha_dash_space', 'Phone field only accepts a
188             numeric entry');
```

```

189     }
190     return false;
191 }
192
193 elseif(preg_match("/^([-a-z_])+$/i", $spr_entry)){
194     $this->form_validation->set_message('
195         alpha_dash_space', 'Pulse Rate field only accepts a
196         numeric entry');
```

```

197     }
198     return false;
199 }
200
201 elseif(preg_match("/^([-a-z_])+$/i", $srr_entry)){
202     $this->form_validation->set_message('
203         alpha_dash_space', 'Respiratory Rate field only
204         accepts a numeric entry');
```

```

205     }
206     return false;
207 }
208
209 elseif(preg_match("/^([-a-z_])+$/i", $temp_entry)){
210     $this->form_validation->set_message('
211         alpha_dash_space', 'Temperature field only accepts
212         a numeric entry');
```

```

213     }
214     return false;
215 }
216
217 }
218 }
219 }
220 }
221 }
222 }
223 }
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1000 }

```

Listing 44: verifyaddradiographicicexam.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
2     access allowed');
3
4 class VerifyAddRadiographicExam extends CI_Controller {
5
6     function __construct ()
7     {
8         parent::__construct ();
9         $this->load->model('patient',TRUE);
10        $this->load->model('user',TRUE);
11    }
12
13    function index(){
14        $session_data = $this->session->userdata('logged_in');
15        if($this->session->userdata('logged_in'))
16        {
17            $bool = false;
18            $sec = $session_data['section'];
19            foreach($sec as $row){
20                if($row == "Oral Diagnosis"){
21                    $bool = true;
22                    break;
23                }
24            }
25
26            if($bool){
27                //This method will have the credentials validation
28                $this->load->library('form_validation');
29
30                $this->form_validation->set_rules('date[]', 'Date', '
31                    trim|required|xss_clean ');
32                $this->form_validation->set_rules('tooth[]', 'Tooth No
33                    .', 'trim|required|xss_clean|callback_check_tooth');
34                $this->form_validation->set_rules('findings[]', '
35                    Findings', 'trim|required|xss_clean ');
36
37                if($this->form_validation->run() == FALSE)
38                {
39                    //Field validation failed . User redirected to
40                    login page
41                    if(form_error('date[] ')) $message = form_error('date[]
42                        ');
43                    elseif(form_error('tooth[] ')) $message = form_error('
44                        tooth[]');
45                    elseif(form_error('findings[] ')) $message =
46                        form_error('findings[] ');
47
48                    $date[] = $this->input->post('date');
49                    $tooth[] = $this->input->post('tooth');
50                    $findings[] = $this->input->post('findings');
51
52                    foreach($date[0] as $key=>$value){
53                        $date2[] = $value;
54                    }
55
56                    foreach($tooth[0] as $key=>$value){
57                        $tooth2[] = $value;
58                    }
59
60                    foreach($findings[0] as $key=>$value){
61                        $findings2[] = $value;
62                    }
63
64                    $data = array(
65                        'date' => $date2,
66                        'tooth' => $tooth2,
67                        'findings' => $findings2,
68                        'error' => $message,
69                        'invalid_input' => true);
70
71                    $session_data = $this->session->userdata('
72                        current_patient');
73                    $sid = $session_data['id'];
74
75                    $this->session->set_userdata('has_error',
76                        $data);
77
78                    redirect ('/radiographicicexam/patient/'.$sid.'/');
79                }
80                else
81                {
82                    //Go to private area
83                    // TAB9 - Consultation and Findings
84                    $date[] = $this->input->post('date');
85                    $tooth[] = $this->input->post('tooth');
86                    $findings[] = $this->input->post('findings');
87
88                    $datetxt = "";
89                    $toothtxt = "";
90                    $findingstxt = "";
91
92                    foreach($date[0] as $row){
93                        if($datetxt == "")
94                            $datetxt = $row;
95                        else
96                            $datetxt = $datetxt."|".$row;
97                    }
98                    foreach($tooth[0] as $row2){
99                        if($toothtxt == "")
100                            $toothtxt = $row2;
101                        else
102                            $toothtxt = $toothtxt."|".$row2;
103                    }
104                    foreach($findings[0] as $row3){
105                        if($findingstxt == "")
106                            $findingstxt = $row3;
107                        else
108                            $findingstxt = $findingstxt."|".$row3;
109                    }
110
111                    $session_data = $this->session->userdata('
112                        current_patient');
113                    $sid = $session_data['id'];

```

```

101
102     $this->session->unset_userdata('has_error');
103
104     $session_data5 = $this->session->userdata('logged_in
105         ');
106     $userID222 = $session_data5['username'];
107     $userID22 = $this->user->getUserID($userID222);
108     $userID2 = $userID22['userID'];
109     $date = date("Y-m-d");
110
111     if($this->patient->hasRadioExam($id)) $this->
112         user->addAuditTrail($userID2, 'UPDATE', '
113             Radiographic Exam', $id, $date);
114     else $this->user->addAuditTrail($userID2, 'INSERT
115         ', 'Radiographic Exam', $id, $date);
116
117     $this->patient->addPatientInfo_tab7($id, $datetxt,
118         $toothtxt, $findingstxt);
119
120     $session_data2 = $this->session->userdata('
121         current_patient');
122     $session_data3 = $this->session->userdata('logged_in
123         ');
124     $id = $session_data2['id'];
125
126     $username = $session_data3['username'];
127     $info = $this->user->getUserID($username);
128
129     $userID = $info['userID'];
130
131     $date = date("Y-m-d");
132     $status = "Pending";
133     $approver = "Pending";
134     $approvedate = "Pending";
135
136     echo "$datetxt, $toothtxt, $findingstxt";
137
138     $this->patient->addRadiographicExamVersion($id,
139         $userID, $date, $status, $approver, $approvedate
140         );
141
142     redirect('/loaddashboard/patientdb/'.$id.'/');
143
144     }
145     else{
146         redirect('home', 'refresh');
147     }
148     }else{
149         //If no session, redirect to login page
150         redirect('login', 'refresh');
151     }
152 }
153
154 function check_tooth($tooth){
155     foreach($tooth[0] as $row){
156         if(preg_match("/^([-a-z_])+$/i", $row)){
157             $this->form_validation->set_message('check_tooth', '
158                 Tooth field only accepts a numeric entry');
159             break;
160             return false;
161         }
162     }
163     return true;
164 }
165 }
166 ?>

```

Listing 45: verifyaddservicerendered.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
2     access allowed');
3
4 class VerifyAddServiceRendered extends CI_Controller {
5
6     function __construct()
7     {
8         parent::__construct();
9         $this->load->model('patient', TRUE);
10        $this->load->model('user', TRUE);
11    }
12
13    function index(){
14        $session_data = $this->session->userdata('logged_in');
15        if($this->session->userdata('logged_in'))
16        {
17            $bool = false;
18            $sec = $session_data['section'];
19            foreach($sec as $row){
20                if($row != "System Maintenance"){
21                    $bool = true;
22                    break;
23                }
24            }
25
26            if($bool){
27                //This method will have the credentials validation
28                $this->load->library('form_validation');
29
30                $this->form_validation->set_rules('servicedate[]', '
31                    Date', 'trim|required|xss_clean');
32                $this->form_validation->set_rules('rendered[]', '
33                    Services Rendered', 'trim|required|xss_clean');
34                $this->form_validation->set_rules('fees[]', 'Fees', '
35                    trim|required|xss_clean');
36
37                if($this->form_validation->run() == FALSE)
38                {
39                    //Field validation failed. User redirected to
40                    login page
41
42                    if(form_error('servicedate[]')) $message = form_error
43                        ('servicedate[]');
44                    elseif(form_error('rendered[]')) $message =
45                        form_error('rendered[]');
46                    elseif(form_error('fees[]')) $message = form_error('
47                        fees[]');
48
49                    $servicedate[] = $this->input->post('servicedate');
50                    $rendered[] = $this->input->post('rendered');
51                    $fees[] = $this->input->post('fees');
52
53                    foreach($servicedate[0] as $key=>$value){
54                        $servicedate2[] = $value;
55                    }
56                    foreach($rendered[0] as $key=>$value){
57                        $rendered2[] = $value;
58                    }
59                }
60
61                $data = array(
62                    'servicedate' => $servicedate2,
63                    'rendered' => $rendered2,
64                    'fees' => $fees2,
65                    'error' => $message,
66                    'invalid_input' => true);
67
68                $session_data = $this->session->userdata('
69                    current_patient');
70                $id = $session_data['id'];
71
72                $this->session->set_userdata('has_error',
73                    $data);
74
75                redirect('/servicesrendered/patient/'.$id.'/');
76            }
77            else
78            {
79                //Go to private area
80                // TAB8 - Services Rendered
81                $servicedate[] = $this->input->post('servicedate');
82                $rendered[] = $this->input->post('rendered');
83                $fees[] = $this->input->post('fees');
84
85                $servicedatetxt = "";
86                $renderedtxt = "";
87                $feestxt = "";
88
89                foreach($servicedate[0] as $row1){
90                    if($servicedatetxt == "")
91                        $servicedatetxt = $row1;
92                    else
93                        $servicedatetxt = $servicedatetxt."|".$row1;
94                }
95                foreach($rendered[0] as $row2){
96                    if($renderedtxt == "")
97                        $renderedtxt = $row2;
98                    else
99                        $renderedtxt = $renderedtxt."|".$row2;
100                }
101                foreach($fees[0] as $row3){
102                    if($feestxt == "")
103                        $feestxt = $row3;
104                    else
105                        $feestxt = $feestxt."|".$row3;
106                }
107
108                $session_data = $this->session->userdata('
109                    current_patient');
110                $id = $session_data['id'];
111
112                $this->session->unset_userdata('has_error');
113
114                $session_data5 = $this->session->userdata('logged_in
115                    ');

```

```

105 $userID222 = $session_data5['username'];
106 $userID22 = $this->user->getUserID($userID222);
107 $userID2 = $userID22['userID'];
108 $date = date("Y-m-d");
109
110 if($this->patient->hasServicesRendered($id) $this
    ->user->addAuditTrail($userID2, 'UPDATE', '
    Services Rendered', $id, $date);
111 else $this->user->addAuditTrail($userID2, '
    INSERT', 'Services Rendered', $id, $date);
112
113
114
115 $this->patient->addPatientInfo_tab8($id,
    $servicedatetxt, $renderedtxt, $feestxt);
116
117 $session_data2 = $this->session->userdata('
    current_patient');
118 $session_data3 = $this->session->userdata('logged_in
    ');
119 $id = $session_data2['id'];
120
121 $username = $session_data3['username'];
122 $info = $this->user->getUserID($username);
123
124 $userID = $info['userID'];
125
126
127 $date = date("Y-m-d");
128 $status = "Pending";
129 $approver = "Pending";
130 $approvedate = "Pending";
131
132 echo "<br> $servicedatetxt, $renderedtxt, $feestxt";
133
134 $this->patient->addServicesRenderedVersion($id,
    $userID, $date, $status, $approver, $approvedate
    );
135
136 redirect('/loaddashboard/patientdb/'.$id.'/');
137
138 }
139 }
140 else{
141 redirect('home', 'refresh');
142 }
143 }else{
144 //If no session, redirect to login page
145 redirect('login', 'refresh');
146 }
147 }
148
149 }
150 }
151 ?>

```

Listing 46: verifyaddtreatment-plan.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2
3 class VerifyAddTreatmentPlan extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient', TRUE);
9         $this->load->model('user', TRUE);
10    }
11
12    function index(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $sec = $session_data['section'];
18            foreach($sec as $row){
19                if($row == "Oral Diagnosis"){
20                    $bool = true;
21                    break;
22                }
23            }
24
25            if($bool){
26                //This method will have the credentials validation
27                $this->load->library('form.validation');
28
29                $this->form_validation->set_rules('chiefcomp', 'Chief
                    Complaints', 'trim|required|xss_clean');
30                $this->form_validation->set_rules('servcode[]', '
                    Service Code', 'required');
31                $this->form_validation->set_rules('ptp', 'Proposed
                    Treatment Plan', 'trim|required|xss_clean');
32
33                if($this->form_validation->run() == FALSE)
34                {
35                    //Field validation failed. User redirected to
                    login page
36                    if(form_error('chiefcomp')) $message = form_error('
                        chiefcomp');
37                    elseif(form_error('servcode[]')) $message =
                        form_error('servcode[]');
38                    elseif(form_error('ptp')) $message = form_error('ptp')
                        ;
39
40                    $servcode[] = $_POST['servcode'];
41                    $perio = "";
42                    $rpd = "";
43                    $resto = "";
44                    $sos = "";
45                    $fpd = "";
46                    $pedo = "";
47                    $endo = "";
48                    $cd = "";
49                    $ortho = "";
50                    foreach($servcode[0] as $key=>$value){
51                        if($value == "PERIO") $perio='Yes';
52                        if($value == "RPD") $rpd='Yes';
53                        if($value == "Resto") $resto='Yes';
54                        if($value == "OS") $sos='Yes';
55                        if($value == "FPD") $fpd='Yes';
56                        if($value == "PEDO") $pedo='Yes';
57                        if($value == "ENDO") $endo='Yes';
58                        if($value == "CD") $cd='Yes';
59                        if($value == "Ortho") $ortho='Yes';
60                    }
61
62                    $data = array(
63                        'chiefcomp' => $this->input->post('chiefcomp'),
64                        'perio' => $perio,
65                        'rpd' => $rpd,
66                        'resto' => $resto,
67                        'os' => $sos,
68                        'fpd' => $fpd,
69                        'pedo' => $pedo,
70                        'endo' => $endo,
71                        'cd' => $cd,
72                        'ortho' => $ortho,
73                        'ptp' => $this->input->post('ptp'),
74                        'error' => $message,
75                        'invalid_input' => true);
76
77                    $session_data = $this->session->userdata('
                        current_patient');
78                    $id = $session_data['id'];
79
80                    $this->session->set_userdata('has_error',
                        $data);
81
82                    redirect('/treatmentplan/patient/'.$id.'/');
83                }
84                else
85                {
86                    //Go to private area
87                    // TAB6 - Treatment Plan
88                    $chiefcomp = $this->input->post('chiefcomp');
89                    $servcode[] = $_POST['servcode'];
90                    $perio = "";
91                    $rpd = "";
92                    $resto = "";
93                    $sos = "";
94                    $fpd = "";
95                    $pedo = "";
96                    $endo = "";
97                    $cd = "";
98                    $ortho = "";
99                    foreach($servcode[0] as $key=>$value){
100                       if($value == "PERIO") $perio='Yes';
101                       if($value == "RPD") $rpd='Yes';
102                       if($value == "Resto") $resto='Yes';
103                       if($value == "OS") $sos='Yes';
104                       if($value == "FPD") $fpd='Yes';
105                       if($value == "PEDO") $pedo='Yes';
106                       if($value == "ENDO") $endo='Yes';
107                       if($value == "CD") $cd='Yes';
108                       if($value == "Ortho") $ortho='Yes';
109                    }
110                    $ptp = $this->input->post('ptp');
111
112                    $session_data = $this->session->userdata('
                        current_patient');
113                    $id = $session_data['id'];
114
115                    $this->session->unset_userdata('has_error');
116
117                    $session_data5 = $this->session->userdata('logged_in
                        ');
118                    $userID222 = $session_data5['username'];
119                    $userID22 = $this->user->getUserID($userID222);
120                    $userID2 = $userID22['userID'];
121                    $date = date("Y-m-d");

```

```

123
124     if ($this->patient->hasTreatmentPlan($id)) $this->
        user->addAuditTrail($userID2, 'UPDATE', '
        Treatment Plan', $id, $date);
125     else $this->user->addAuditTrail($userID2, '
        INSERT', 'Treatment Plan', $id, $date);
126
127
128
129     $this->patient->addPatientInfo_tab6($id, $chiefcomp
        , $perio, $rpd, $resto, $os, $fpd, $pedo, $endo,
        $cd, $ortho,$ptp);
130
131     $session_data2 = $this->session->userdata('
        current_patient');
132     $session_data3 = $this->session->userdata('logged_in
        ');
133     $id = $session_data2['id'];
134
135     $username = $session_data3['username'];
136     $info = $this->user->getUserID($username);
137
138     $userID = $info['userID'];
139
140     $date = date("Y-m-d");
141     $status = "Pending";
142     $approver = "Pending";
143
144     $approvedate = "Pending";
145
146     $this->patient->addTreatmentPlanVersion($id,
        $userID, $date, $status, $approver, $approvedate
        );
147
148     redirect ('/loaddashboard/patientdb/'. $id.'/');
149     }
150 }
151 else{
152     redirect ('home', 'refresh');
153 }
154 }else{
155     //If no session, redirect to login page
156     redirect ('login', 'refresh');
157 }
158 }
159
160 function check_servicecode($str){
161     print_r($str);
162     return false;
163 }
164
165 }
166 }
167 ?>

```

Listing 47: verifyadduser.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2
3 class VerifyAddUser extends CI_Controller {
4
5
6
7     function __construct ()
8     {
9         parent::__construct ();
10        $this->load->model('user','TRUE');
11    }
12
13    function index()
14    {
15        $session_data = $this->session->userdata('logged_in');
16        if($this->session->userdata('logged_in'))
17        {
18            $bool = false;
19            $rolex = $session_data['role'];
20            foreach($rolex as $row){
21                if($row == "System Administrator"){
22                    $bool = true;
23                    break;
24                }
25            }
26
27            if($bool){
28                //This method will have the credentials validation
29                $this->load->library('form_validation');
30
31                $this->form_validation->set_rules('lastname', 'Last
                    Name', 'trim|required|xss_clean');
32                $this->form_validation->set_rules('firstname', 'First
                    Name', 'trim|required|xss_clean');
33                $this->form_validation->set_rules('midname', 'Middle
                    Name', 'trim|required|xss_clean');
34                $this->form_validation->set_rules('role', 'Role', 'trim|
                    required|xss_clean|callback_check_role');
35                $this->form_validation->set_rules('section', 'Section',
                    'trim|required|xss_clean');
36                $this->form_validation->set_rules('username', '
                    Username', 'trim|required|xss_clean|
                    callback_check_username');
37                $this->form_validation->set_rules('password', '
                    Password', 'trim|required|xss_clean');
38                $this->form_validation->set_rules('password2', 'Retype
                    Password', 'trim|required|xss_clean|
                    callback_check_password');
39                $this->form_validation->set_rules('secques', 'Secret
                    Question', 'trim|required|xss_clean|
                    callback_check_question');
40                $this->form_validation->set_rules('secans', 'Secret
                    Answer', 'trim|required|xss_clean');
41
42                if($this->form_validation->run() == FALSE)
43                {
44                    $this->load->view('adduser_view');
45                }
46                else
47                {
48                    //Go to private area
49                    $lname = $this->input->post('lastname');
50                    $fname = $this->input->post('firstname');
51                    $mname = $this->input->post('midname');
52                    $role = $this->input->post('role');
53                    $section = $this->input->post('section');
54                    $username = $this->input->post('username');
55
56                    $password = $this->input->post('password');
57                    $secques = $this->input->post('secques');
58                    $secans = $this->input->post('secans');
59
60                    $userID22 = $session_data['username'];
61                    $userID22 = $this->user->getUserID($userID22);
62                    $userID2 = $userID22['userID'];
63                    $date = date("Y-m-d");
64
65                    if($section == "Select one."){
66                        $section = " ";
67                    }
68
69                    $this->user->addUser($lname, $fname, $mname, $role
                        , $section, $username, $password, $date, $secques,
                        $secans);
70
71                    $idd = $this->user->getUserID($username);
72                    $id = $idd['userID'];
73
74                    $this->user->addAuditTrail($userID2, 'INSERT', '
                        Users', $id, $date);
75
76
77                    $this->load->helper(array('form'));
78                    $data2['users'] = $this->user->selectUsers();
79                    foreach($data2['users'] as $row){
80                        $name = $row->userFName." ".$row->userLName;
81                        $uname = $row->username;
82                        $data2['users2'][$uname] = $this->user->
                            selectUsers_pt2($name, $uname);
83                    }
84
85
86
87
88                    $session_data = $this->session->userdata('logged_in'
                            );
89                    $data2['username_log'] = $session_data['username'
                            ];
90
91                    $this->load->view('manageusers_view', $data2);
92                }
93            }
94            else{
95                redirect ('home', 'refresh');
96            }
97        }else{
98            //If no session, redirect to login page
99            redirect ('login', 'refresh');
100        }
101    }
102
103    function check_username($username)
104    {
105        $fname = $this->input->post('firstname');
106        $mname = $this->input->post('midname');
107        $lname = $this->input->post('lastname');
108        $result = $this->user->getUsernames($fname,
            $mname, $lname);
109        $bool = TRUE;
110        if($result){
111            foreach($result as $row)
112            {
113                if($row->username == $username){
114                    $bool = FALSE;
115                    $this->form_validation->set_message('
                        check_username', 'Username already exist. Try
                        again.');
```

```

116     break;
117 }
118 }
119 }
120 return $bool;
121 }
122
123 function check_password($password2){
124     $password = $this->input->post('password');
125     $bool = TRUE;
126     if($password != $password2){
127         $this->form_validation->set_message('check_password',
128             'Passwords do not match.');
```

Listing 48: verifychangepassword.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2
3 class VerifyChangePassword extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('user',TRUE);
9     }
10
11     function index()
12     {
13         //This method will have the credentials validation
14         $this->load->library('form_validation');
15
16         $this->form_validation->set_rules('password', '
17         Password', 'trim|required|xss_clean');
18         $this->form_validation->set_rules('password2', '
19         Password2', 'trim|required|xss_clean|
20         callback_check_password');
21
22         if($this->form_validation->run() == FALSE)
23         {
24             //Field validation failed. User redirected to login
25             page
26             $this->load->view('changepassword_view');
27         }
28     }
29 }
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
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46
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48
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Listing 49: verifyedituser.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3
4 class VerifyEditUser extends CI_Controller {
5
6     function __construct()
7     {
8         parent::__construct();
9         $this->load->model('user',TRUE);
10    }
11
12    function index()
13    {
14
15        $session_data = $this->session->userdata('logged_in');
16        if($this->session->userdata('logged_in'))
17        {
18            $bool = false;
19            $role = $session_data['role'];
20            foreach($role as $row){
21                if($row == "System Administrator"){
22                    $bool = true;
23                    break;
24                }
25            }
26
27            if($bool){
28                $userID = $this->input->post('userID');
29                //This method will have the credentials validation
30                $this->load->library('form_validation');
31
32                $this->form_validation->set_rules('lastname', 'Last
```

```

26 //Go to private area
27 $pwd = $this->input->post('password');
28 $uname = $this->input->post('username');
29 $data['uname'] = $uname;
30 $this->user->changePword($uname, $pwd);
31
32 $this->load->view('resetpasswordsuccess');
33
34 }
35
36 }
37
38 function check_password($password2){
39     $password = $this->input->post('password');
40     $bool = TRUE;
41     if($password != $password2){
42         $this->form_validation->set_message('check_password',
43             'Passwords do not match.');
```

```

33     Name', 'trim|required|xss_clean');
34     $this->form_validation->set_rules('firstname', 'First
35     Name', 'trim|required|xss_clean');
36     $this->form_validation->set_rules('midname', 'Middle
37     Name', 'trim|required|xss_clean');
38     $this->form_validation->set_rules('username', '
39     Username', 'trim|required|xss_clean|
40     callback_check_username');
41     $this->form_validation->set_rules('password', '
42     Password', 'trim|required|xss_clean');
43     $this->form_validation->set_rules('password2', 'Retype
44     Password', 'trim|required|xss_clean|
45     callback_check_password');
46     $this->form_validation->set_rules('secques', 'Secret
47     Question', 'trim|required|xss_clean|
48     callback_check_question');
49     $this->form_validation->set_rules('secans', 'Secret
50     Answer', 'trim|required|xss_clean');
```

```

        password');
52  elseif (form_error('password2')) $message = form_error('
        password2');
53  elseif (form_error('secques')) $message = form_error('
        secques');
54  elseif (form_error('secans')) $message = form_error('
        secans');
55
56  $sess_array = array();
57
58  $sess_array = array(
59  'error' => $message,
60  'invalid_input' => true
61  );
62  $this->session->set_userdata('has_error',
        $sess_array);
63
64  redirect('edituser/edit/'. $userID);
65 }
66  else
67  {
68  //Go to private area
69
70  $userID = $this->input->post('userID');
71  $lname = $this->input->post('lastname');
72  $fname = $this->input->post('firstname');
73  $mname = $this->input->post('midname');
74
75  $size = $this->input->post('size');
76  for($i=0; $i<$size; $i++){
77  $section [] = $this->input->post('section'. $i);
78  $role [] = $this->input->post('role'. $i);
79  $roleID [] = $this->input->post('roleID'. $i);
80  }
81
82  $username = $this->input->post('username');
83  $password = $this->input->post('password');
84  $secques = $this->input->post('secques');
85  $secans = $this->input->post('secans');
86
87  $this->session->unset_userdata('has_error');
88
89  $userID222 = $session_data['username'];
90  $userID22 = $this->user->getUserID($userID222);
91  $userID2 = $userID22['userID'];
92  $date = date("Y-m-d");
93
94  $this->user->editUser($userID, $userID2, $lname,
        $fname, $mname, $roleID, $role, $section,
        $username, $password, $date, $secques, $secans);
95
96  $this->load->helper(array('form'));
97  $data2['users'] = $this->user->selectUsers();
98  foreach($data2['users'] as $row){
99  $name = $row->userFName. " ". $row->userLName;
100  $uname = $row->username;
101  $data2['users2'][$uname] = $this->user->
        selectUsers_pt2($name, $uname);
102  }
103
104  $session_data = $this->session->userdata('logged_in');
105  $data2['username_log'] = $session_data['username'];
106
107  $this->load->view('manageusers.view', $data2);
108  }
109 }
110 }

```

Listing 50: verifylogin.php

```

1  <?php if (! defined('BASEPATH')) exit('No direct script
        access allowed');
2
3  class VerifyLogin extends CI_Controller {
4
5  function __construct()
6  {
7  parent::__construct();
8  $this->load->model('user', TRUE);
9  }
10
11 function index()
12 {
13 //This method will have the credentials validation
14 $this->load->library('form_validation');
15
16 $this->form_validation->set_rules('username', '
        Username', 'trim|required|xss_clean');
17 $this->form_validation->set_rules('password', '
        Password', 'trim|required|xss_clean|
        callback_check_database');
18
19 if($this->form_validation->run() == FALSE)
20 {
21 //Field validation failed. User redirected to login
        page
22 $this->load->view('login.view');
23 }
24  else

```

```

111  else{
112  redirect('home', 'refresh');
113  }
114 }else{
115  redirect('login', 'refresh');
116 }
117 }
118
119 function check_username($username)
120 {
121 $userID = $this->input->post('userID');
122 $result = $this->user->getUsersnames2($userID);
123 $bool = TRUE;
124 foreach($result as $row)
125 {
126 if($row['username'] == $username){
127 $bool = FALSE;
128 $this->form_validation->set_message('
        check_username', 'Username already exist. Try
        again. ');
129  break;
130  }
131  }
132
133 return true;
134 }
135
136 function check_password($password2){
137 $password = $this->input->post('password');
138 $bool = TRUE;
139 if($password != $password2){
140 $this->form_validation->set_message('check_password'
        , 'Passwords do not match. ');
141 $bool = FALSE;
142 }
143 return $bool;
144 }
145
146 function check_role($role){
147 $bool = true;
148 $section = $this->input->post('section');
149 if($role == "Select one."){
150 $this->form_validation->set_message('check_role', '
        Choose a valid role. ');
151 $bool = FALSE;
152 }
153 elseif($role != "System Administrator" && $section ==
        "Select one."){
154 $this->form_validation->set_message('check_role', '
        Choose a valid section. ');
155 $bool = FALSE;
156 }
157 return $bool;
158 }
159
160 function check_question($ques){
161 $bool = true;
162 if($ques == "Select a question."){
163 $this->form_validation->set_message('check_question',
        'Choose a valid security question. ');
164 $bool = FALSE;
165 }
166 return $bool;
167 }
168 }
169 ?>

```

```

{
//Go to private area
echo "Logging in.";
}
$username = $this->input->post('username');
$idd = $this->user->getUserID($username);
$id = $idd['userID'];
$date = date("Y-m-d");
$this->user->addAuditTrail($id, 'LOGIN', 'Users', '',
        $date);
redirect('home', 'refresh');
}
}
function check_database($password)
{
//Field validation succeeded. Validate against
        database
$username = $this->input->post('username');
//query the database
$result = $this->user->login($username, $password);
if($result){
foreach($result as $row)
{
$userID = $row->userID;

```

```

53 }
54
55 $user_roleres = $this->user->getRole($userID);
56
57 foreach($user_roleres as $row){
58     $user_role [] = $row['role_type'];
59     $user_sec [] = $row['role_section'];
60 }
61 $role = $user_role;
62 $section = $user_sec;
63
64 }
65 if ($result)
66 {
67     $sess_array = array();
68     foreach($result as $row)
69     {
70         $sess_array = array(
71             'id' => $row->userID,
72             'username' => $row->username,

```

```

73     'role' => $role,
74     'section' => $section
75     );
76     $this->session->set_userdata('logged_in',
77         $sess_array);
78 }
79 return TRUE;
80 }
81 else
82 {
83     $this->form_validation->set_message('
84         check_database', 'Invalid username or password')
85     ;
86     return false;
87 }
88 ?>

```

Listing 51: verifypatientrecord.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
2     access allowed');
3
4 require('addpatient.php');
5
6 class VerifyPatientRecord extends CI_Controller {
7
8     function __construct()
9     {
10         parent::__construct();
11         $this->load->model('patient','TRUE');
12         $this->load->model('user','TRUE');
13     }
14
15     function index()
16     {
17         $session_data = $this->session->userdata('logged_in');
18         if($this->session->userdata('logged_in'))
19         {
20             $bool = false;
21             $role = $session_data['role'];
22             foreach($role as $row){
23                 if($row == "Faculty"){
24                     $bool = true;
25                     break;
26                 }
27             }
28
29             if($bool){
30                 $patientinfo = $this->input->post('patientinfotxt');
31                 $patientchecklist = $this->input->post('
32                     patientchecklisttxt');
33                 $medandsochisto = $this->input->post('
34                     medandsochistotxt');
35                 $dentaldata = $this->input->post('dentaldatatxt');
36                 $dentalchart = $this->input->post('dentalcharttxt');
37                 $treatmentplan = $this->input->post('
38                     treatmentplantxt');
39                 $radioexam = $this->input->post('radioexamtxt');
40                 $servicesrendered = $this->input->post('
41                     servicesrenderedtxt');
42                 $confind = $this->input->post('confindtxt');
43                 $patientid = $this->input->post('id');
44                 $decision = $this->input->post('decision');
45
46                 $session_data3 = $this->session->userdata('logged_in
47                     ');
48                 $username = $session_data3['username'];
49                 $faculty = $this->user->getUserId($username);
50                 $facultyid = "";
51                 foreach($faculty as $row){
52                     $facultyid = $row['userID'];
53                 }
54
55                 $student = $this->patient->getStudentId($patientid)
56                 ;
57                 $studentid = "";
58                 $section = "";
59                 foreach($student as $row){
60                     $studentid = $row['updatedBy7'];
61                     $section = $row['section7'];
62                     $currsection = $row['currentsection7'];
63                 }
64
65                 echo "studentID: $studentID";
66
67                 $inform = $this->patient->
68                     getPatientDashboardStatus2($patientid);
69
70                 $stats = "";
71                 if($inform){
72                     foreach($inform as $row){
73                         $stats = $row['updateStatus7'];
74                     }
75                 }
76
77                 $date = date("Y-m-d");

```

```

69     $stsx = $this->patient->getRemarkStatus($patientid
70         );
71     $statxs = "";
72     if($inform){
73         foreach($stsx as $row){
74             $statxs = $row['remarkStatus'];
75         }
76
77         if($decision == "Approved"){
78             if($this->patient->hasTempRecord($patientid)){
79                 $this->patient->deleteStudentTask($patientid);
80                 $this->patient->updatePatientTemporary(
81                     $studentid, $facultyid, $patientid, $decision,
82                     $patientinfo, $patientchecklist,
83                     $medandsochisto, $dentaldata, $dentalchart,
84                     $treatmentplan, $radioexam, $servicesrendered,
85                     $confind);
86                 $this->patient->updatePatient($patientid, $section
87                     , $facultyid, $decision);
88                 $this->patient->setApproved($patientid, $facultyid
89                     , $date);
90             }
91             else{
92                 $this->patient->deleteStudentTask($patientid);
93                 $this->patient->updatePatient($patientid, $section
94                     , $facultyid, $decision);
95                 $this->patient->addRemark($studentid, $facultyid,
96                     $patientid, $decision, $patientinfo,
97                     $patientchecklist, $medandsochisto,
98                     $dentaldata, $dentalchart, $treatmentplan,
99                     $radioexam, $servicesrendered, $confind);
100                 $this->patient->setApproved($patientid, $facultyid
101                     , $date);
102             }
103             elseif($decision == "Temporary"){
104                 if($this->patient->hasTempRecord($patientid)){
105                     $this->patient->deleteStudentTask($patientid);
106                     $this->patient->updatePatientTemporary(
107                         $studentid, $facultyid, $patientid, $decision,
108                         $patientinfo, $patientchecklist,
109                         $medandsochisto, $dentaldata, $dentalchart,
110                         $treatmentplan, $radioexam, $servicesrendered,
111                         $confind);
112                 }
113                 $this->patient->updatePatientApprover($patientid
114                     , $facultyid);
115             }
116             else{
117                 $this->patient->addRemark($studentid, $facultyid,
118                     $patientid, $decision, $patientinfo,
119                     $patientchecklist, $medandsochisto,
120                     $dentaldata, $dentalchart, $treatmentplan,
121                     $radioexam, $servicesrendered, $confind);
122                 $this->patient->updatePatientApprover($patientid
123                     , $facultyid);
124             }
125             elseif($decision == "Rejected"){
126                 if($this->patient->hasTempRecord($patientid)){
127                     $this->patient->deleteStudentTask($patientid);
128                     $this->patient->updatePatientTemporary(
129                         $studentid, $facultyid, $patientid, $decision,
130                         $patientinfo, $patientchecklist,
131                         $medandsochisto, $dentaldata, $dentalchart,
132                         $treatmentplan, $radioexam, $servicesrendered,
133                         $confind);
134                 }
135                 $this->patient->updatePatientApprover($patientid
136                     , $facultyid);
137                 $this->patient->updatePatientRejected($patientid,
138                     $studentid, $decision, $currsection, $section);
139                 $this->patient->setRejected($patientid, $facultyid,
140                     $date);
141             }
142             else{
143                 $this->patient->deleteStudentTask($patientid);
144                 $this->patient->addRemark($studentid, $facultyid,
145                     $patientid, $decision, $patientinfo,

```

```

    $patientchecklist, $medandsochisto, 122
    $dentaldata, $dentalchart, $treatmentplan, 123
    $radioexam, $servicesrendered, $confind); 124
112 $this->patient->updatePatientApprover($patientid 125
    , $facultyid); 126
113 $this->patient->updatePatientRejected($patientid, 127
    $studentid, $decision, $currsection, $section); 128
114 $this->patient->setRejected($patientid, $facultyid, 129
    $date); 130
115 } 131
116 } 132
117 133
118 redirect ('loaddashboard/verifyentry/'. $patientid); 134
119 } 135
120 }> 136
121

```

Listing 52: verifyreferpatient.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
2 access allowed');
3
4 class VerifyReferPatient extends CI_Controller {
5
6     function __construct()
7     {
8         parent::__construct();
9         $this->load->model('patient','TRUE');
10        $this->load->model('user','TRUE');
11    }
12
13    function index()
14    {
15        $session_data = $this->session->userdata('logged_in');
16        if ($this->session->userdata('logged_in'))
17        {
18            $bool = false;
19            $rolex = $session_data['role'];
20            foreach($rolex as $row){
21                if($row != "System Administrator"){
22                    $bool = true;
23                    break;
24                }
25            }
26
27            if($bool){
28                //This method will have the credentials validation
29                $this->load->library('form-validation');
30
31                $this->form_validation->set_rules('refertosection', '
32                Refer to Menu', 'trim|required|xss_clean|
33                callback_check_refertomenu');
34
35                if ($this->form_validation->run() == FALSE){
36                    if(form_error(' refertosection ')) $message =
37                    form_error('refertosection');
38
39                    $sess_array = array();
40
41                    $sess_array = array(
42                        'error' => $message,
43                        'invalid_input' => true
44                    );
45                    $this->session->set_userdata('
46                    has_error_dashboard', $sess_array);
47
48                    $id = $this->input->post('id');
49                    redirect ('loaddashboard/patientdb/'. $id);
50                }
51            }
52            else{
53                $this->session->unset_userdata('has_error_dashboard'
54                );
55                $refer = $this->input->post('refertosection');
56                $id = $this->input->post('id');
57                $name = "";
58
59                $session_data3 = $this->session->userdata('logged_in
60                ');
61                $username = $session_data3['username'];
62                $info = $this->user->getUserId($username);
63                $userID = $info['userID'];
64
65                $section = "";
66                $sect = $session_data['section'];
67                foreach($sect as $row){
68                    if($row != "System Maintenance"){
69                        $section = $row;
70                        break;
71                    }
72                }
73
74                $rolef = "";
75
76                $rolex2 = $session_data['role'];
77                foreach($rolex2 as $row){
78                    if($row != "System Administrator"){
79                        $rolef = $row;
80                        break;
81                    }
82                }
83
84                if($rolef == "Student"){
85                    $date = date("Y-m-d");
86                    $status = "Pending";
87                    $approver = "Pending";
88
89                    $this->patient->addPatientDashboardVersion($id,
90                    $refer, $userID, $date, $status, $approver,
91                    $section);
92                    $this->patient->updatePatientRecordStatus($id, "
93                    for approval");
94                    $this->patient->updateClinician($id, $userID);
95                    $this->patient->resetPatientRemark($id);
96
97                    redirect ('/loaddashboard/patientdb/'. $id);
98                }
99            }
100            else{
101                $date = date("Y-m-d");
102                $status = "Approved";
103                $approver = $userID;
104
105                $this->patient->addPatientDashboardVersion($id,
106                $refer, $userID, $date, $status, $approver,
107                $section);
108                $this->patient->updatePatientRecordStatus($id, "
109                Open");
110                $this->patient->updateClinician($id, $userID);
111                $this->patient->resetPatientRemark($id);
112
113                $student = $this->patient->getStudentId($id);
114                $section = "";
115                foreach($student as $row){
116                    $section = $row['section7'];
117                }
118
119                $this->patient->deleteStudentTask($id);
120                $this->patient->updatePatient2($id, $refer, $userid,
121                "Approved");
122                $this->patient->setApproved($id, $userid, $date);
123
124                redirect ('/home');
125            }
126        }
127    }
128    else{
129        redirect ('home', 'refresh');
130    }
131 }else{
132     //If no session, redirect to login page
133     redirect ('login', 'refresh');
134 }
135 }
136 }>
137

```


Listing 53: verifyresetpwd.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
  access allowed');
2
3 class VerifyResetPword extends CI_Controller {
4
5   function __construct ()
6   {
7     parent::__construct ();
8     $this->load->model('user','TRUE');
9   }
10
11  function index()
12  {
13    //This method will have the credentials validation
14    $this->load->library('form_validation');
15
16    $this->form_validation->set_rules('answer', 'Secret
      Answer', 'trim|required|xss_clean|
      callback_check_secretanswer');
17
18    if ($this->form_validation->run() == FALSE)
19    {
20      //Field validation failed. User redirected to login
        page
21      $uname = $this->input->post('username');
22      $data['uname'] = $uname;
23      $data['secret_question'] = $this->user->getSecQues(
        $uname);
24      $this->load->view('forgotpwd2.view', $data);
25    }
26    else
27    {
28      //Go to private area
29      $uname = $this->input->post('username');
30      $data['uname'] = $uname;
31      $this->load->view('forgotpwd3.view', $data);

```

```

32   }
33 }
34
35 function check_secretanswer($secans)
36 {
37   //Field validation succeeded. Validate against
        database
38   $uname = $this->input->post('username');
39
40   $secanswer = $this->user->getSecAns($uname);
41   $secans = "";
42
43   if ($secanswer == false){
44     $this->form_validation->set_message('
        check_secretanswer', 'Answer is not correct. Try
        again.');
```

Listing 54: verifyresetpwd2.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
  access allowed');
2
3 class VerifyResetPword2 extends CI_Controller {
4
5   function __construct ()
6   {
7     parent::__construct ();
8     $this->load->model('user','TRUE');
9   }
10
11  function index()
12  {
13    //This method will have the credentials validation
14    $this->load->library('form_validation');
15
16    $this->form_validation->set_rules('password', '
      Password', 'trim|required|xss_clean');
17    $this->form_validation->set_rules('password2', '
      Password2', 'trim|required|xss_clean|
      callback_check_password');
```

```

27   }
28   //Go to private area
29   $pwd = $this->input->post('password');
30   $uname = $this->input->post('username');
31   $data['uname'] = $uname;
32   $this->user->changePword($uname, $pwd);
33
34   $this->load->view('resetpwdsuccess');
35 }
36
37 }
38
39 function check_password($password2){
40   $password = $this->input->post('password');
41   $bool = TRUE;
42   if ($password != $password2){
43     $this->form_validation->set_message('check_password'
        , 'Passwords do not match.');
```

Listing 55: verifyresetpwdun- duname.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
  access allowed');
2
3 class VerifyResetPwordUname extends CI_Controller {
4
5   function __construct ()
6   {
7     parent::__construct ();
8     $this->load->model('user','TRUE');
9   }
10
11  function index()
12  {
13    //This method will have the credentials validation
14    $this->load->library('form_validation');
15
16    $this->form_validation->set_rules('username', '
      Username', 'trim|required|xss_clean|
      callback_check_uname');
```

```

18   if ($this->form_validation->run() == FALSE)
19   {
20     //Field validation failed. User redirected to login
        page
21     $this->load->view('forgotpwd.view');
```

```

40
41 if($result == false){
42     $this->form_validation->set_message('check_username', '
        Username does not exist.');
```

```

53
54 if($isThere == false){
55     $this->form_validation->set_message('check_username', '
        Username does not exist.');
```

Listing 56: verifysetappointment.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2
3 class VerifySetAppointment extends CI_Controller {
4
5
6
7 function __construct()
8 {
9     parent::__construct();
10    $this->load->model('user','TRUE');
11    $this->load->model('patient','TRUE');
12 }
13
14 function index()
15 {
16     $session_data = $this->session->userdata('logged_in');
17     if($this->session->userdata('logged_in'))
18     {
19         $bool = false;
20         $role_x = $session_data['role'];
21         foreach($role_x as $row){
22             if($row == "Student" || $row == "Faculty"){
23                 $bool = true;
24                 break;
25             }
26         }
27
28         if($bool){
29             //Go to private area
30             $id = $this->input->post('id');
31             $button = $this->input->post('buttonx');
32             $user = $this->input->post('user');
33             if($button == "sas")
34             {
35
36                 $this->load->library('form_validation');
37                 $this->form_validation->set_rules('appntmntdate', '
                    Appointment Date', 'trim|required|xss_clean');
```

```

42     form_error('appntmntdate');
43     $data = array(
44         'appntmntdate' => $this->input->post('
            appntmntdate'),
45         'error' => $message,
46         'invalid_input' => true);
47
48     $session_data = $this->session->userdata('
        current_patient');
49     $id = $session_data['id'];
50
51     $this->session->set_userdata('has_error',
        $data);
52
53     redirect ('/setappointment/patient/'.$id.'/');
54 }
55 else{
56     $dateappointment = $this->input->post('
        appntmntdate');
57
58     if($this->patient->hasAppointment($id)){
59         $this->patient->updateAppointment($id, $user,
            $dateappointment);
60     }
61     else $this->patient->setAppointment($id, $user,
        $dateappointment);
62     redirect ('loaddashboard/patientdb/'.$id);
63 }
64 }else{
65     redirect ('loaddashboard/patientdb/'.$id);
66 }
67 }
68 else{
69     redirect ('home', 'refresh');
70 }
71 }else{
72     //If no session, redirect to login page
73     redirect ('login', 'refresh');
74 }
75 }
76 }
77 }
78 }
79 ?>
```

Listing 57: viewappointments.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3 class ViewAppointments extends CI_Controller {
4
5 function __construct()
6 {
7     parent::__construct();
8     $this->load->model('patient','TRUE');
9     $this->load->model('user','TRUE');
10 }
11
12 function index(){
13     $session_data = $this->session->userdata('logged_in');
14     if($this->session->userdata('logged_in'))
15     {
16         $bool = false;
17         $role_x = $session_data['role'];
18         foreach($role_x as $row){
19             if($row == "Student"){
20                 $bool = true;
21                 break;
22             }
23         }
24     }
25 }
```

```

24
25 if($bool){
26     $this->load->helper(array('form'));
27     $user = $this->user->getUserID($session_data['
        username']);
28     $userID = $user['userID'];
29
30     $data2['appointments'] = $this->patient->
        getAppointments($userID);
31
32     $this->load->view('viewappointments_view', $data2);
33 }
34 else{
35     redirect ('home', 'refresh');
36 }
37 }
38 else
39 {
40     //If no session, redirect to login page
41     redirect ('login', 'refresh');
42 }
43 }
44 }
45 }
46 }
47 }
48 ?>
```

Listing 58: viewaudittrail.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3 class ViewAuditTrail extends CI_Controller {
```

```

4
5 function __construct()
6 {
7     parent::__construct();
8     $this->load->model('user','TRUE');
9     $this->load->model('patient','TRUE');
```

```

11
12 function index(){
13     $session_data = $this->session->userdata('logged_in');
14     if($this->session->userdata('logged_in'))
15     {
16         $bool = false;
17         $role = $session_data['role'];
18         foreach($role as $row){
19             if($row == "System Administrator"){
20                 $bool = true;
21                 break;
22             }
23         }
24
25         if($bool){
26             $this->load->helper(array('form'));
27             $data['audit'] = $this->user->getAuditTrail();
28
29
30             $session_data = $this->session->userdata('logged_in')
31             );

```

Listing 59: viewclinicians.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
2 session_start(); //we need to call PHP's session object to
3 class ViewClinicians extends CIController {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('user','TRUE');
9     }
10
11     function index(){
12         $session_data = $this->session->userdata('logged_in');
13         if($this->session->userdata('logged_in'))
14         {
15             $bool = false;
16             $role = $session_data['role'];
17             foreach($role as $row){
18                 if($row == "Faculty"){
19                     $bool = true;
20                     break;
21                 }
22             }
23
24             if($bool){
25                 $this->load->helper(array('form'));
26                 $section = "";
27                 $sect = $session_data['section'];
28                 foreach($sect as $row){
29                     if($row != "System Maintenance"){
30                         $section = $row;
31                         break;
32                     }
33                 }

```

Listing 60: viewconsultationversions.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
2 session_start(); //we need to call PHP's session object to
3 class ViewConsultationVersions extends CIController {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient','TRUE');
9         $this->load->model('user','TRUE');
10
11
12     function index(){
13         $session_data = $this->session->userdata('logged_in');
14         if($this->session->userdata('logged_in'))
15         {
16             $bool = false;
17             $role = $session_data['role'];
18             foreach($role as $row){
19                 if($row == "Student" || $row=="Faculty"){
20                     $bool = true;
21                     break;
22                 }
23             }

```

Listing 61: viewdentalchartversions.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
2 session_start(); //we need to call PHP's session object to

```

```

31         $data2['username'] = $session_data['username']
32         ];
33     $this->load->view('viewaudittrail_view', $data);
34 }
35 else{
36     redirect('home', 'refresh');
37 }
38 }
39 else
40 {
41     //If no session, redirect to login page
42     redirect('login', 'refresh');
43 }
44 }
45 }
46 }
47 }
48 }
49 ?>

```

```

34
35     $data2['users'] = $this->user->
36     selectUsersBySection($section);
37
38     $userID222 = $session_data['username'];
39     $userID22 = $this->user->getUserID($userID222);
40     $userID2 = $userID22['userID'];
41     $date = date("Y-m-d");
42
43     $this->user->addAuditTrail($userID2, 'SELECT', '
44     Users', "", $date);
45
46
47     $session_data = $this->session->userdata('logged_in')
48     );
49     $data2['username'] = $session_data['username']
50     ];
51
52     $this->load->view('viewclinicians_view', $data2);
53 }
54 else{
55     redirect('home', 'refresh');
56 }
57 }
58 else
59 {
60     //If no session, redirect to login page
61     redirect('login', 'refresh');
62 }
63 }
64 }
65 }
66 ?>

```

```

24
25     if($bool){
26         $this->load->helper(array('form'));
27         $session_data = $this->session->userdata('
28         current_patient');
29         $id = $session_data['id'];
30
31         $data2['version'] = $this->patient->
32         getConFindVersions($id);
33
34         $this->load->view('viewconsultationversions_view',
35         $data2);
36     }
37     else{
38         redirect('home', 'refresh');
39     }
40     }
41     //If no session, redirect to login page
42     redirect('login', 'refresh');
43 }
44 }
45 }
46 }
47 }
48 ?>

```

```

3     access it through CI
4     class ViewDentalChartVersions extends CIController {
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient','TRUE');

```

```

9   $this->load->model('user','TRUE);
10  }
11
12  function index(){
13  $session_data = $this->session->userdata('logged_in');
14  if($this->session->userdata('logged_in'))
15  {
16  $bool = false;
17  $rolex = $session_data['role'];
18  foreach($rolex as $row){
19  if($row == "Student" || $row=="Faculty"){
20  $bool = true;
21  break;
22  }
23  }
24
25  if($bool){
26  $this->load->helper(array('form'));
27  $session_data = $this->session->userdata('
    current_patient');
28  $id = $session_data['id'];
29
30
31
32  $data2['version'] = $this->patient->
    getDentalChartVersions($id);
33
34  $this->load->view('viewdentalchartversions_view',
    $data2);
35  }
36  else{
37  redirect('home', 'refresh');
38  }
39  }
40  else
41  {
42  //If no session, redirect to login page
43  redirect('login', 'refresh');
44  }
45  }
46  }
47
48  ?>

```

Listing 62: viewdentaldataversions.php

```

1  <?php if ( ! defined('BASEPATH')) exit('No direct script
    access allowed');
2  session_start(); //we need to call PHP's session object to
    access it through CI
3  class ViewDentalDataVersions extends CI_Controller {
4
5  function __construct()
6  {
7  parent::__construct();
8  $this->load->model('patient','TRUE);
9  $this->load->model('user','TRUE);
10 }
11
12 function index(){
13 $session_data = $this->session->userdata('logged_in');
14 if($this->session->userdata('logged_in'))
15 {
16 $bool = false;
17 $rolex = $session_data['role'];
18 foreach($rolex as $row){
19 if($row == "Student" || $row=="Faculty"){
20 $bool = true;
21 break;
22 }
23 }
24
25 if($bool){
26 $this->load->helper(array('form'));
27 $session_data = $this->session->userdata('
    current_patient');
28 $id = $session_data['id'];
29
30
31
32 $data2['version'] = $this->patient->
    getDentalDataVersions($id);
33
34 $this->load->view('viewdentaldataversions_view',
    $data2);
35 }
36 else{
37 redirect('home', 'refresh');
38 }
39 }
40 else
41 {
42 //If no session, redirect to login page
43 redirect('login', 'refresh');
44 }
45 }
46 }
47
48 ?>

```

Listing 63: viewmedandsochistover- sions.php

```

1  <?php if ( ! defined('BASEPATH')) exit('No direct script
    access allowed');
2  session_start(); //we need to call PHP's session object to
    access it through CI
3  class ViewMedAndSocHistoVersions extends CI_Controller
    {
4
5  function __construct()
6  {
7  parent::__construct();
8  $this->load->model('patient','TRUE);
9  $this->load->model('user','TRUE);
10 }
11
12 function index(){
13 $session_data = $this->session->userdata('logged_in');
14 if($this->session->userdata('logged_in'))
15 {
16 $bool = false;
17 $rolex = $session_data['role'];
18 foreach($rolex as $row){
19 if($row == "Student" || $row=="Faculty"){
20 $bool = true;
21 break;
22 }
23 }
24
25 if($bool){
26 $this->load->helper(array('form'));
27 $session_data = $this->session->userdata('
    current_patient');
28 $id = $session_data['id'];
29
30
31
32 $data2['version'] = $this->patient->
    getMedAndSocHistoVersions($id);
33
34 $this->load->view('viewmedandsochistover-
    sions_view', $data2);
35 }
36 else{
37 redirect('home', 'refresh');
38 }
39 }
40 else
41 {
42 //If no session, redirect to login page
43 redirect('login', 'refresh');
44 }
45 }
46 }
47
48 ?>

```

Listing 64: viewpatientchecklistver- sions.php

```

1  <?php if ( ! defined('BASEPATH')) exit('No direct script
    access allowed');
2  session_start(); //we need to call PHP's session object to
    access it through CI
3  class ViewPatientChecklistVersions extends CI_Controller {
4
5  function __construct()
6  {
7  parent::__construct();
8  $this->load->model('patient','TRUE);
9
10 }
11
12 function index(){
13 $session_data = $this->session->userdata('logged_in');
14 if($this->session->userdata('logged_in'))
15 {
16 $bool = false;
17 $rolex = $session_data['role'];
18 foreach($rolex as $row){
19 if($row == "Student" || $row=="Faculty"){
20 $bool = true;
21 break;
22 }
23 }
24
25 if($bool){
26 $this->load->helper(array('form'));
27 $session_data = $this->session->userdata('
    current_patient');
28 $id = $session_data['id'];
29
30
31
32 $data2['version'] = $this->patient->
    getPatientChecklistVersions($id);
33
34 $this->load->view('viewpatientchecklistver-
    sions_view', $data2);
35 }
36 else{
37 redirect('home', 'refresh');
38 }
39 }
40 else
41 {
42 //If no session, redirect to login page
43 redirect('login', 'refresh');
44 }
45 }
46 }
47
48 ?>

```

```

22     }
23 }
24
25 if($bool){
26     $this->load->helper(array('form'));
27     $session_data = $this->session->userdata('
        current_patient');
28     $id = $session_data['id'];
29
30     $data2['version'] = $this->patient->
        getPatientChecklistVersions($id);
31
32     $this->load->view('viewpatientchecklistversions_view
        ', $data2);
33 }

```

Listing 65: viewpatientinfoversions.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3 class ViewPatientInfoVersions extends CI.Controller {
4
5     function __construct ()
6     {
7         parent::__construct ();
8         $this->load->model('patient','TRUE');
9         $this->load->model('user','TRUE');
10    }
11
12    function index(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $role = $session_data['role'];
18            foreach($role as $row){
19                if($row == "Student" || $row=="Faculty"){
20                    $bool = true;
21                    break;
22                }
23            }

```

```

34     else{
35         redirect('home', 'refresh');
36     }
37 }
38 else
39 {
40     //If no session, redirect to login page
41     redirect('login', 'refresh');
42 }
43 }
44 }
45 }
46 }
47 }
48 ?>

```

```

24
25 if($bool){
26     $this->load->helper(array('form'));
27     $session_data = $this->session->userdata('
        current_patient');
28     $id = $session_data['id'];
29
30     $data2['version'] = $this->patient->
        getPatientInfoVersions($id);
31
32     $this->load->view('viewpatientinfoversions_view',
        $data2);
33 }
34 else{
35     redirect('home', 'refresh');
36 }
37 }
38 else
39 {
40     //If no session, redirect to login page
41     redirect('login', 'refresh');
42 }
43 }
44 }
45 }
46 }
47 }
48 ?>

```

Listing 66: viewradioexamversions.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3 class ViewRadioExamVersions extends CI.Controller {
4
5     function __construct ()
6     {
7         parent::__construct ();
8         $this->load->model('patient','TRUE');
9         $this->load->model('user','TRUE');
10    }
11
12    function index(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $role = $session_data['role'];
18            foreach($role as $row){
19                if($row == "Student" || $row=="Faculty"){
20                    $bool = true;
21                    break;
22                }
23            }

```

```

24
25 if($bool){
26     $this->load->helper(array('form'));
27     $session_data = $this->session->userdata('
        current_patient');
28     $id = $session_data['id'];
29
30     $data2['version'] = $this->patient->
        getRadioExamVersions($id);
31
32     $this->load->view('viewradioexamversions_view',
        $data2);
33 }
34 else{
35     redirect('home', 'refresh');
36 }
37 }
38 else
39 {
40     //If no session, redirect to login page
41     redirect('login', 'refresh');
42 }
43 }
44 }
45 }
46 }
47 }
48 ?>

```

Listing 67: viewservicesrenderedversions.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
    access allowed');
2 session_start(); //we need to call PHP's session object to
    access it through CI
3 class ViewServicesRenderedVersions extends CI.Controller
    {
4
5     function __construct ()
6     {
7         parent::__construct ();
8         $this->load->model('patient','TRUE');
9         $this->load->model('user','TRUE');
10    }
11
12    function index(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))

```

```

15    {
16        $bool = false;
17        $role = $session_data['role'];
18        foreach($role as $row){
19            if($row == "Student" || $row=="Faculty"){
20                $bool = true;
21                break;
22            }
23        }
24    }
25
26    if($bool){
27        $this->load->helper(array('form'));
28        $session_data = $this->session->userdata('
            current_patient');
29        $id = $session_data['id'];
30
31        $data2['version'] = $this->patient->
            getServicesRenderedVersions($id);
32
33        $this->load->view('
            viewservicesrenderedversions_view', $data2);

```

```

33     }
34     else{
35         redirect('home', 'refresh');
36     }
37 }
38 else
39 {
40     //If no session, redirect to login page

```

```

41         redirect('login', 'refresh');
42     }
43 }
44 }
45 }
46 }
47 }
48 ?>

```

Listing 68: viewstat.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class ViewStat extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient',TRUE);
9     }
10
11     function index(){
12         $session_data = $this->session->userdata('logged_in');
13         if($this->session->userdata('logged_in'))
14         {
15             $bool = false;
16             $session_data = $this->session->userdata('logged_in');
17             $role = $session_data['role'];
18             foreach($role as $row){
19                 if($row == "System Administrator" || $row == "
                    Faculty"){
20                     $bool = true;
21                     break;
22                 }
23             }

```

```

24
25         if($bool){
26             $this->load->helper(array('form'));
27
28             $session_data = $this->session->userdata('logged_in'
29 );
30             $data2['username'] = $session_data['username'
31 ];
32             $this->load->view('statistics_view', $data2);
33         }
34         else{
35             redirect('home', 'refresh');
36         }
37     }
38     else
39     {
40         //If no session, redirect to login page
41         redirect('login', 'refresh');
42     }
43 }
44 }
45 }
46 }
47 }
48 ?>

```

Listing 69: viewtreatmentplanversions.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class ViewTreatmentPlanVersions extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient',TRUE);
9         $this->load->model('user',TRUE);
10    }
11
12    function index(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $role = $session_data['role'];
18            foreach($role as $row){
19                if($row == "Student" || $row=="Faculty"){
20                    $bool = true;
21                    break;
22                }
23            }

```

```

24
25        if($bool){
26            $this->load->helper(array('form'));
27            $session_data = $this->session->userdata('
28 current_patient');
29            $id = $session_data['id'];
30
31            $data2['version'] = $this->patient->
32 getTreatmentPlanVersions($id);
33
34            $this->load->view('viewtreatmentplanversions_view',
35 $data2);
36        }
37        else{
38            redirect('home', 'refresh');
39        }
40    }
41    else
42    {
43        //If no session, redirect to login page
44        redirect('login', 'refresh');
45    }
46 }
47 }
48 ?>

```

Listing 70: viewversions.php

```

1 <?php if (! defined('BASEPATH')) exit('No direct script
  access allowed');
2 session_start(); //we need to call PHP's session object to
  access it through CI
3 class ViewVersions extends CI_Controller {
4
5     function __construct()
6     {
7         parent::__construct();
8         $this->load->model('patient',TRUE);
9         $this->load->model('user',TRUE);
10    }
11
12    function index(){
13        $session_data = $this->session->userdata('logged_in');
14        if($this->session->userdata('logged_in'))
15        {
16            $bool = false;
17            $role = $session_data['role'];
18            foreach($role as $row){
19                if($row == "Student" || $row=="Faculty"){
20                    $bool = true;
21                    break;
22                }
23            }

```

```

24
25        if($bool){
26            $this->load->helper(array('form'));
27            $session_data = $this->session->userdata('
28 current_patient');
29            $id = $session_data['id'];
30
31            $data2['version'] = $this->patient->getVersions(
32 $id);
33
34            $this->load->view('viewversions_view', $data2);
35        }
36        else{
37            redirect('home', 'refresh');
38        }
39    }
40    else
41    {
42        //If no session, redirect to login page
43        redirect('login', 'refresh');
44    }
45 }
46 }
47 }
48 ?>

```

4. views

Listing 71: addpatientview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4 echo "<link rel='stylesheet' type='text/css' href='
  " . base_url(). 'css/style.css' >";
5 echo "<script type='text/javascript' src='\" . base_url().
  "js/dynamic.js\" ></script>"
6 ?>
7
8 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
  Transitional//EN" "http://www.w3.org/TR/xhtml1
  /DTD/xhtml1-transitional.dtd">
9 <html xmlns="http://www.w3.org/1999/xhtml" >
10 <head>
11 <link href="<?php echo base_url(); ?>css/ui-lightness/
  jquery-ui-1.10.3.custom.css" rel="stylesheet">
12 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
  "></script>
13 <script src="<?php echo base_url(); ?>js/jquery-ui
  -1.10.3.custom.js"></script>
14
15 <title>Add Patient - Oral Diagnosis</title>
16 <link rel="shortcut icon" href="<?php echo base_url();
  ?>images/upcd-20140224-favicon.ico">
17 <script>
18
19 window.onload = function() {
20     var year = new Date().getFullYear();
21     var yyr = year.toString();
22     var yr = yyr.substring(2);
23     document.getElementById('idyr').value = yr;
24
25     var today = new Date();
26     var birthDate = new Date(document.getElementById(
  'birthdate').value);
27     var age = 0;
28     var m = today.getMonth() - birthDate.getMonth();
29     if (m < 0 || (m === 0 && today.getDate() <
  birthDate.getDate())) {
30         age--;
31     }
32     document.getElementById('age').value = age;
33 }
34
35 function getAge(value) {
36     var today = new Date();
37     var birthDate = new Date(value);
38     var age = today.getFullYear() - birthDate.
  getFullYear();
39     var m = today.getMonth() - birthDate.getMonth();
40     if (m < 0 || (m === 0 && today.getDate() <
  birthDate.getDate())) {
41         age--;
42     }
43 }
44 document.getElementById('age').value = age;
45
46 }
47
48 var url = "/var/www/DentIS/";
49 $(function() {
50
51     $('.datepicker').each(function(){
52         $(this).datepicker({
53             dateFormat: 'yy-mm-dd',
54             showAnim: 'slideDown',
55             changeMonth: true,
56             changeYear: true,
57             yearRange: '1910:2014'
58         });
59     });
60
61 });
62
63 </script>
64
65 </head>
66 <?php
67 $session_data = $this->session->userdata('logged_in');
68 $username_log = $session_data['username'];
69 ?>
70 <body>
71
72 <div class="maindiv">
73 <form id="ADDPATIENT" name="ADDPATIENT"
74     action="verifyaddpatient" method="post">
75
76 <h3 align="center">Create New Patient</h3>
77
78 <div class="validation" style="display:<?if(
79     validation_errors() == true) echo 'block'; else
80     echo 'none' ?>">
81 <?php if(form_error('firstname')) echo form_error('
  firstname');
82 elseif(form_error('midname')) echo form_error('midname'
  );
83 elseif(form_error('lastname')) echo form_error('lastname'
  );
84 elseif(form_error('houseno')) echo form_error('houseno');
85 elseif(form_error('street')) echo form_error('street');
86 elseif(form_error('brgy')) echo form_error('brgy');
87 elseif(form_error('city')) echo form_error('city');
88 elseif(form_error('province')) echo form_error('province'
  );
89 elseif(form_error('sex')) echo form_error('sex');
90 elseif(form_error('bdate')) echo form_error('bdate');
91 elseif(form_error('deceased')) echo form_error('deceased'
  );
92
93 </div>
94 <table align="center">
95 <tr>
96 <td colspan=3><hr width=100% align="center" color=
  "#d3d3d3">
97 </tr>
98 <td width="20%"><label for="firstname">Name:</
  label>
99 <td colspan=2><input type="text" name="firstname"
  placeholder="Given Name" size="15" value="<?
  php echo set_value('firstname'); ?>"><input type
  ="text" name="midname" placeholder="Middle
  Name" size="15" value="<?php echo set_value('
  midname'); ?>"><input type="text" name="
  lastname" placeholder="Surname" size="15" value
  ="<?php echo set_value('lastname'); ?>">
100 </tr>
101 <td colspan=3><hr width=100% align="center" color=
  "#d3d3d3">
102 </tr>
103 <td width="20%"><label for="UPCDid">UPCD ID
104 <td colspan=2><input type="text" name="idyr" id="
  idyr" size=1px maxlength=2 readonly><input
  type="text" name="idnum" size=1px maxlength
  =5 readonly value="<?php echo str_pad($maxID
  +1, 5, '0', STR_PAD_LEFT); ?>">
105 </tr>
106 <td colspan=3><hr width=100% align="center" color=
  "#d3d3d3">
107 </tr>
108 <td width="20%"><label for="UPCDid">UPCD ID
109 <td colspan=2><input type="text" name="idyr" id="
  idyr" size=1px maxlength=2 readonly><input
  type="text" name="idnum" size=1px maxlength
  =5 readonly value="<?php echo str_pad($maxID
  +1, 5, '0', STR_PAD_LEFT); ?>">
110 </tr>
111 <td colspan=3><hr width=100% align="center" color=
  "#d3d3d3">
112 </tr>
113 <td width="20%"><label for="address">Address:</
  label>
114 <td colspan=2><input type="text" name="houseno"
  placeholder="No." size=4 value="<?php echo
  set_value('houseno'); ?>"><input type="text"
  name="street" placeholder="Street" value="<?
  php echo set_value('street'); ?>">
115 <input type="text" name="brgy" placeholder="
  Baranggay" value="<?php echo set_value('brgy');
  ?>"><br>
116 <input type="text" name="city" placeholder="City/
  Municipality" value="<?php echo set_value('city')
  ; ?>"><input type="text" name="province"
  placeholder="Province" value="<?php echo
  set_value('province'); ?>">
117 </tr>
118 <td colspan=3><hr width=100% align="center" color=
  "#d3d3d3">
119 </tr>
120 <td colspan=3><hr width=100% align="center" color=
  "#d3d3d3">
121 </tr>
122 <td width="20%">Demographics
123 <table>
124 <tr>
125 <td><label for="sex">Gender: </label>
126 <td><select name="sex" id="sex">
127 <option value="Select one.." <?php if(set_value('sex'
  ) == 'Select one..') echo 'selected'; ?>>
  Select one.. </option>
128 <option value="Male" <?php if(set_value('sex') == '
  Male') echo 'selected'; ?>> Male </option>
129 <option value="Female" <?php if(set_value('sex') ==
  'Female') echo 'selected'; ?>> Female </
  option>
130 </select>
131 </tr>
132 <td><label for="bdate">Birthdate:</td>
133 <td><input type="text" class="datepicker" id="
  birthdate" name="bdate" onchange="getAge(
  this.value);" value="<?php echo set_value('bdate'
  ); ?>" size=12>
134 </tr>
135 </table>
136 </table>

```

```

137 </tr>
138 <tr>
139 <td><label for="age">Age:</label>
140 <td><input type="text" name="age" id="age" size
    =2 readonly value="<?php echo set_value('age');
    ?>">
141 </tr>
142 </table>
143 </tr>
144 <tr>
145 <td colspan=3> <hr width=100% align="center" color=
    "#d3d3d3">
146 </tr>
147 <tr>
148 <td>Deceased?
149 <td><input name="deceased" type="radio" value="Yes
    " <?php if(set_value('deceased') == 'Yes') echo '
    checked'; ?>> Yes &nbsp; <input name="deceased
    " type="radio" value="No" <?php if(set_value('
    deceased') == 'No') echo 'checked'; ?>> No
150 </tr>
151 <tr>
152 <td colspan=3> <hr width=100% align="center" color=
    "#d3d3d3">
153 </tr>
154 </table>
155
156
157
158 <br>
159 <input type="submit" value="Add Patient"/> <input
    type="reset" value="Clear entries"/><br><br><br>
160 </div>
161 </form>
162
163 </div>
164 </div>
165 </div>
166
167 </body>
168 </html>

```

Listing 72: addpatient2view.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4 echo "<link rel='stylesheet' type='text/css' href='
    ".base_url()."css/style.css'>";
5 echo "<script type='text/javascript' src='".base_url().
    "js/dynamic.js"></script>"
6 ?>
7
8 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
9 <html xmlns="http://www.w3.org/1999/xhtml">
10 <head>
11 <link href="<?php echo base_url(); ?>css/ui-lightness/
    jquery-ui-1.10.3.custom.css" rel="stylesheet">
12 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
13 <script src="<?php echo base_url(); ?>js/jquery-ui
    -1.10.3.custom.js"></script>
14
15 <title>Add User - Oral Diagnosis</title>
16
17 <script>
18 function tab(tab) {
19 document.getElementById('tab1').style.display = 'none';
20 document.getElementById('tab2').style.display = 'none';
21 document.getElementById('tab3').style.display = 'none';
22 document.getElementById('tab4').style.display = 'none';
23 document.getElementById('tab5').style.display = 'none';
24 document.getElementById('li_tab1').setAttribute("class",
    "");
25 document.getElementById('li_tab2').setAttribute("class",
    "");
26 document.getElementById('li_tab3').setAttribute("class",
    "");
27 document.getElementById('li_tab4').setAttribute("class",
    "");
28 document.getElementById('li_tab5').setAttribute("class",
    "");
29 document.getElementById(tab).style.display = 'block';
30 document.getElementById('li_'+tab).setAttribute("class",
    "active");
31 document.getElementById('li_'+tab).setAttribute("class",
    "selected");
32 }
33
34 function getAge(value) {
35 var today = new Date();
36 var birthDate = new Date(value);
37 var age = today.getFullYear() - birthDate.
    getFullYear();
38 var m = today.getMonth() - birthDate.getMonth();
39 if (m < 0 || (m === 0 && today.getDate() <
    birthDate.getDate())) {
40 age--;
41 }
42
43 document.getElementById('age').value = age;
44
45 if(age >= 12){
46 document.getElementById('wt').readOnly = true;
47 }
48 else{
49 document.getElementById('wt').readOnly = false;
50 }
51 }
52
53 function showHosp(element, value) {
54
55 if(element == "ishosp"){
56 if(value == "Yes"){
57 document.getElementById('hosptb').style.display = "
    block";
58 }
59 else
60 document.getElementById('hosptb').style.display = "
    none";
61 }
62 else if(element == "uap"){
63 if(value == "Yes"){
64 document.getElementById('phytb').style.display = "
    block";
65 }
66 else
67 document.getElementById('phytb').style.display = "
    none";
68 }
69 else if(element == "cig"){
70 if(value == "Yes"){
71 document.getElementById('cigtb').style.display = "block"
    ";
72 }
73 else
74 document.getElementById('cigtb').style.display = "none"
    ";
75 }
76 else if(element == "alco"){
77 if(value == "Yes"){
78 document.getElementById('alcotb').style.display = "
    block";
79 }
80 else
81 document.getElementById('alcotb').style.display = "
    none";
82 }
83 else if(element == "drug"){
84 if(value == "Yes"){
85 document.getElementById('drugtb').style.display = "
    block";
86 }
87 else
88 document.getElementById('drugtb').style.display = "
    none";
89 }
90 }
91
92 var fieldNum;
93 var i=0;
94
95 function addRadio(tableID){
96 fieldNum= i+1;
97 alert (fieldNum);
98
99 var table = document.getElementById(tableID);
100 var numRows = table.rows.length;
101 var row = table.insertRow(numRows);
102 row.align = "center";
103
104 var cellA = row.insertCell(0);
105 cellA.innerHTML = "<input type='checkbox' name='"+
    fieldNum+" id='ck"+fieldNum+"'">";
106 var cellB = row.insertCell(1);
107 cellB.innerHTML = "<input type='text' name='date[]"
    class='datepicker' id='date' + fieldNum + "'">";
108 var cellC = row.insertCell(2);
109 cellC.innerHTML = "<input type='text' name='tooth[]"
    id='toothnum.'" + fieldNum + "' size=1px >";
110 var cellD = row.insertCell(3);
111 cellD.innerHTML = "<textarea name='findings[]" id='
    findings.'" + fieldNum + "'></textarea>";
112 var cellE = row.insertCell(4);
113 cellE.innerHTML = "<input type='text' name='clinician
    []' id='clinician.'" + fieldNum + "'>";
114
115 var str = '#date'+fieldNum;
116 $(str).datepicker({
117 dateFormat: 'yy-mm-dd',
118 showAnim: 'slideDown',
119 changeMonth: true,

```



```

120     changeYear: true,
121     yearRange: '1910:2013'
122     });
123
124     i++;
125 }
126
127 function deleteRadio(tableID){
128
129     var table = document.getElementById(tableID);
130     var rowCount = table.rows.length;
131     for(var i=0; i<rowCount; i++) {
132         var row = table.rows[i];
133         var chkbox = row.cells[0].childNodes[0];
134         if (null != chkbox && true == chkbox.
135             checked) {
136             if(rowCount <= 2) {
137                 alert("Cannot delete all the rows
138                     .");
139                 break;
140             }
141             table.deleteRow(i);
142             rowCount--;
143             i--;
144         }
145     }
146
147     var fieldNum2;
148     var j=0;
149
150     function addConsult(tableID){
151         fieldNum2= j+1;
152
153         var table = document.getElementById(tableID);
154         var numRows = table.rows.length;
155         var row = table.insertRow(numRows);
156         row.align = "center";
157
158         var cellA = row.insertCell(0);
159         cellA.innerHTML = "<input type='checkbox' name='"+
160             fieldNum+"'" id='ck'+fieldNum2+"'">";
161         var cellB = row.insertCell(1);
162         cellB.innerHTML = "<input type='text' name='date['
163             class='datepicker' id='date.'" + fieldNum2 + "'" size
164             =2px>";
165         var cellC = row.insertCell(2);
166         cellC.innerHTML = "<input type='text' name='reason['
167             id='reason.'" + fieldNum2 + "'" size=7px>";
168         var cellD = row.insertCell(3);
169         cellD.innerHTML = "<input type='text' name='startdate
170             ['" class='datepicker' id='startdate.'" + fieldNum2 +
171             "' size=2px>";
172         var cellE = row.insertCell(4);
173         cellE.innerHTML = "<input type='text' name='enddate['
174             class='datepicker' id='enddate.'" + fieldNum2 + "'"
175             size=2px>";
176         var cellF = row.insertCell(5);
177         cellF.innerHTML = "<textarea name='findings2['" id='
178             findings2.'" + fieldNum2 + "'"></textarea>";
179         var cellG = row.insertCell(6);
180         cellG.innerHTML = "<input type='text' name='clinician2
181             ['" id='clinician2.'" + fieldNum2 + "'" size=7px>";
182         var cellH = row.insertCell(7);
183         cellH.innerHTML = "<input type='text' name='
184             clinician2_nat['" id='clinician2_nat.'" + fieldNum2 +
185             "' size=7px>";
186         var cellI = row.insertCell(8);
187         cellI.innerHTML = "<input type='text' name='fac['" id
188             ='fac.'" + fieldNum2 + "'" size=7px>";
189
190     j++;
191
192     var str = '#date_'+fieldNum2;
193     $(str).datepicker({
194         dateFormat: 'yy-mm-dd',
195         showAnim: 'slideDown',
196         changeMonth: true,
197         changeYear: true,
198         yearRange: '1910:2013'
199     });
200
201     var str2 = '#startdate_'+fieldNum2;
202     $(str2).datepicker({
203         dateFormat: 'yy-mm-dd',
204         showAnim: 'slideDown',
205         changeMonth: true,
206         changeYear: true,
207         yearRange: '1910:2013'
208     });
209
210     var str3 = '#enddate_'+fieldNum2;
211     $(str3).datepicker({
212         dateFormat: 'yy-mm-dd',
213         showAnim: 'slideDown',
214         changeMonth: true,
215         changeYear: true,
216         yearRange: '1910:2013'
217     });
218
219     }
220
221     }
222
223     }
224
225     }
226
227     var url = "/var/www/DentIST/";
228     $(function() {
229
230         $('.datepicker').each(function(){
231             $(this).datepicker({
232                 dateFormat: 'yy-mm-dd',
233                 showAnim: 'slideDown',
234                 changeMonth: true,
235                 changeYear: true,
236                 yearRange: '1910:2013'
237             });
238         });
239     });
240
241 </script>
242
243 </head>
244 <?php
245 $session_data = $this->session->userdata('logged.in');
246 $username = $session_data['username'];
247 ?>
248 <body>
249
250 <div class="validation" style="display:<?if(
251     validation_errors() == true) echo 'block'; else echo
252     'none'?>>
253     <?php echo validation_errors(); ?>
254 </div>
255 <div class="maindiv" style="border:0px;">
256
257     <form id="ADDPATIENT" name="ADDPATIENT"
258         action="verifyaddpatient" method="post">
259     <div id="Tabs">
260     <ul>
261     <li id="li_tab1" onclick="tab('tab1')" class="selected">
262     <a>Patient Information</a></li>
263     <li id="li_tab2" onclick="tab('tab2')"><a>Patient
264     History</a></li>
265     <li id="li_tab3" onclick="tab('tab3')"><a>Examination
266     </a></li>
267     <li id="li_tab4" onclick="tab('tab4')"><a>Treatment
268     Plan</a></li>
269     <li id="li_tab5" onclick="tab('tab5')"><a>Consultation
270     & Referral</a></li>
271 </ul>
272 <div id="Content_Area" style="border: solid 1px #7
273     F00FF;">
274 <div id="tab1">
275 <h3 align="center">Admitting Section Patient Form</
276     h3>
277 <table align="center">
278 <tr>
279 <td width="20%"><label for="firstname">Name:</
280     label>
281 <td><input type="text" name="firstname" placeholder=
282     "Given Name" size="15"><input type="text"
283     name="midname" placeholder="Middle Name"
284     size="15"><input type="text" name="lastname"
285     placeholder="Surname" size="15">
286 </tr>
287 <tr>
288 <td width="20%"><label for="address">Address:</
289     label>
290 <td><input type="text" name="housesno" placeholder="
291     No." size=4><input type="text" name="street"
292     placeholder="Street">
293 <input type="text" name="brgy" placeholder="
294     Barangay"><br>
295 <input type="text" name="city" placeholder="City/
296     Municipality"><input type="text" name="
297     province" placeholder="Province">
298 </tr>
299 </table>

```



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439     </tr>
440     <tr>
441         <td><Reason:
442             <td><input type="text" name="hospreason">
443         </tr>
444     </table>
445 </div>
446
447 <table align="center">
448 <tr>
449     <td width="68%">Allergies:
450     <td><input type="text" name="allergy">
451 </tr>
452 <tr>
453     <td width="68%">Illnesses
454     <td><input type="text" name="illnesses">
455 </tr>
456 <tr>
457     <td width="68%">Medications
458     <td><input type="text" name="medications">
459 </tr>
460 <tr>
461     <td width="68%">Childhood illnesses (below 18 y.o.)
462     <td><input type="text" name="ci">
463 </tr>
464 </table><br>
465
466 <h3 align="center">Social History</h3>
467
468 <table align="center">
469 <tr>
470     <td width=85%>Are you using or have you used
471     <td><input type="radio" name="cig" value="Yes"
472         onClick="showHosp(this.name, this.value)"> Yes
473     <input type="radio" name="cig" value="No"
474     onClick="showHosp(this.name, this.value)"> No
475 </tr>
476 </table>
477 <div id="cigtb" style="display: none; left:20%; position
478     : relative ;">
479     <table>
480     <tr>
481         <td>Type:
482         <td><input type="text" name="cigkind">
483     </tr>
484     <tr>
485         <td>Frequency:
486         <td><input type="text" name="cigfreq">
487     </tr>
488     <tr>
489         <td>Duration:
490         <td><input type="text" name="cigdur">
491     </tr>
492     <tr>
493         <td>Date of last exposure:
494         <td><input type="text" name="cigdole" id="
495             cigdole" class=datepicker>
496     </tr>
497 </table>
498 </div>
499
500 <table align="center">
501 <tr>
502     <td width=85%>Do you drink alcoholic beverages?
503     <td><input type="radio" name="alco" value="Yes"
504         onClick="showHosp(this.name, this.value)"> Yes
505     <input type="radio" name="alco" value="No"
506     onClick="showHosp(this.name, this.value)"> No
507 </tr>
508 </table>
509 <div id="alcotb" style="display: none; left:20%;
510     position: relative ;">
511     <table>
512     <tr>
513         <td>Type:
514         <td><input type="text" name="alcokind">
515     </tr>
516     <tr>
517         <td>Frequency:
518         <td><input type="text" name="alcofreq">
519     </tr>
520     <tr>
521         <td>Duration:
522         <td><input type="text" name="alcodur">
523     </tr>
524     <tr>
525         <td>Date of last exposure:
526         <td><input type="text" name="alcodole" id="
527             alcodole" class="datepicker">
528     </tr>
529 </table>
530 </div>
531 <table align="center">
532 <tr>
533     <td width="85.5%">Have you ever used drugs for
534     recreation<br>or non-therapeutic purposes?
535     <td><input type="radio" name="drug" value="Yes"
536         onClick="showHosp(this.name, this.value)"> Yes
537     <input type="radio" name="drug" value="No"
538     onClick="showHosp(this.name, this.value)"> No
539 </tr>
540 </table>
541 <div id="drugtb" style="display: none; left:20%;
542     position: relative ;">
543     <table>
544     <tr>
545         <td>Type:
546         <td><input type="text" name="drugkind">
547     </tr>
548     <tr>
549         <td>Frequency:
550         <td><input type="text" name="drugfreq">
551     </tr>
552     <tr>
553         <td>Duration:
554         <td><input type="text" name="drugdur">
555     </tr>
556     <tr>
557         <td>Date of last exposure:
558         <td><input type="text" name="drugdole" class="
559             datepicker" id="drugdole">
560     </tr>
561 </table>
562 <br><br>
563 <div id="tab3" style="display: none;">
564 <h3 align="center">Soft Tissue Examination</h3>
565 <table align="center" style="text-align: center;">
566 <tr>
567     <td>
568     <td>Date
569     <td>Description
570 </tr>
571 <tr>
572     <td>Head, neck and TMJ
573     <td><input type="text" class="datepicker" name="
574         hnt" id="hnt">
575     <td><textarea id="hntd" name="hntd" cols=50></
576         textarea>
577 </tr>
578 <tr>
579     <td>Lips/Frenum
580     <td><input type="text" class="datepicker" name="
581         lfn" id="lfn">
582     <td><textarea id="lfn" name="lfn" cols=50></
583         textarea>
584 </tr>
585 <tr>
586     <td>Mucosa
587     <td><input type="text" class="datepicker" name="
588         muc" id="muc">
589     <td><textarea id="mucd" name="mucd" cols
590         =50></textarea>
591 </tr>
592 <tr>
593     <td>Palate
594     <td><input type="text" class="datepicker" name="
595         plt" id="plt">
596     <td><textarea id="pltd" name="pltd" cols=50></
597         textarea>
598 </tr>
599 <tr>
600     <td>Pharynx
601     <td><input type="text" class="datepicker" name="
602         prx" id="prx">
603     <td><textarea id="prxd" name="prxd" cols=50></
604         textarea>
605 </tr>
606 <tr>
607     <td>Floor of the mouth
608     <td><input type="text" class="datepicker" name="
609         ftm" id="ftm">
610     <td><textarea id="ftmd" name="ftmd" cols=50></
611         textarea>
612 </tr>
613 <tr>
614     <td>Tongue
615     <td><input type="text" class="datepicker" name="
616         tng" id="tng">
617     <td><textarea id="tngd" name="tngd" cols=50></
618         textarea>
619 </tr>
620 <tr>
621     <td>Lymph nodes
622     <td><input type="text" class="datepicker" name="
623         lym" id="lym">
624     <td><textarea id="lymd" name="lymd" cols=50></
625         textarea>
626 </tr>
627 <tr>
628     <td>Salivary Gland

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604 <td><input type="text" class="datepicker" name="
        sal" id="sal">
605 <td><textarea id="sald" name="sald" cols=50></
        textarea>
606 </tr>
607 <tr>
608 <td>Thyroid
609 <td><input type="text" class="datepicker" name="
        thy" id="thy">
610 <td><textarea id="thyd" name="thyd" cols=50></
        textarea>
611 </tr>
612 <tr>
613 <td>Gingiva
614 <td><input type="text" class="datepicker" name="
        ggvd" id="ggvd">
615 <td><textarea id="ggvd" name="ggvd" cols=50></
        textarea>
616 </tr>
617 </table>
618 <h3 align="center">Radiographic Examination</h3>
619 <table id="radio" align="center" style="text-align:
        center;">
620 <tr>
621 <td>
622 <td>Date
623 <td>Tooth No.
624 <td>Findings
625 <td>Clinician Name
626 </tr>
627 <tr>
628 <td><input type="checkbox" name="ck0" id="ck0"
        /></td>
629 <td><input type="text" name="date[]" class="
        datepicker" id="date0" /></td>
630 <td><input type="text" name="tooth[]" id="
        toothnum.0" size=1px /></td>
631 <td><textarea name="findings[]" id="findings_0"></td>
632 <td><input type="text" name="clinician[]" id="
        clinician_0" /></td>
633 </tr>
634 </table>
635 <input type="button" onClick="addRadio('radio')
        value="Add Row">
636 <input type="button" onClick="deleteRadio('radio')
        value="Delete Row/s"><br><br>
637 <h3 align="center">Dental Status Chart</h3>
638 </div>
639 <div id="tab4" style="display: none;">
640 <h3 align="center">Proposed Treatment Plan</h3>
641
642 </div>
643 <div id="tab5" style="display: none;">
644 <h3 align="center">Consultation or Referral</h3><br>
645 <table id="consult" align="center" style="text-align:
        center;">
646 <tr>
647 <td>
648 <td>Date
649 <td>Reason for<br>Consult
650 <td>From
651 <td>To
652 <td>Findings or<br>Recommendation
653 <td>Clinician Name
654 <td>Clinician Nature
655 <td>Faculty
656 </tr>
657 <tr>
658 <td><input type="checkbox" name="0" id="ck0">
659 <td><input type="text" name="date[]" class="
        datepicker" id="date_0" size=2px>
660 <td><input type="text" name="reason[]" id="reason_0"
        size=7px>
661 <td><input type="text" name="startdate[]" class="
        datepicker" id="startdate_0" size=2px>
662 <td><input type="text" name="enddate[]" class="
        datepicker" id="enddate_0" size=2px>
663 <td><textarea name="findings2[]" id="findings2_0"
        ></td>
664 <td><input type="text" name="clinician2[]" id="
        clinician2_0" size=7px>
665 <td><input type="text" name="clinician2nat[]" id="
        clinician2nat_0" size=7px>
666 <td><input type="text" name="fac[]" id="fac_0" size
        =7px>
667 </tr>
668 </table>
669 <input type="button" onClick="addConsult('consult')
        value="Add Row">
670 <input type="button" onClick="deleteConsult('consult')
        value="Delete Row/s"><br><br><br>
671
672 <input type="submit" value="Add Patient"/> <input
        type="reset" value="Clear entries"/><br><br><br><br>
673 </div>
674 </form>
675
676 </div>
677 </div>
678 </div>
679
680 </body>
681 </html>

```

Listing 73: adduserview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4 echo "<link rel='stylesheet' type='text/css' href='
        " . base_url()."css/style.css">";
5 echo "<script type='text/javascript' src='\".base_url().
        "js/dynamic.js\"></script>";
6
7
8 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
        Transitional//EN" "http://www.w3.org/TR/xhtml1
        /DTD/xhtml1-transitional.dtd">
9 <html xmlns="http://www.w3.org/1999/xhtml">
10 <head>
11
12 <title>Add User - System Administrator</title>
13 <link rel="shortcut icon" href="<?php echo base_url();
        ?>images/upcd-20140224-favicon.ico">
14 </head>
15 <?php
16 $session_data = $this->session->userdata('logged_in');
17 $username = $session_data['username'];
18
19
20 <body>
21
22 <div class="maindiv">
23 <h3 align="center">Add New User</h3>
24 <div class="validation" style="display:<?if(
        validation_errors() == true) echo 'block'; else echo
        'none?>";>
25 <?php if(form_error('firstname')) echo form_error('
        firstname');
26 elseif(form_error('midname')) echo form_error('
        midname');
27 elseif(form_error('lastname')) echo form_error('lastname
        ');
28 elseif(form_error('role')) echo form_error('role');
29 elseif(form_error('section')) echo form_error('section')
        ;
30 elseif(form_error('username')) echo form_error('
        username');
31
32 elseif(form_error('password')) echo form_error('
        password');
33 elseif(form_error('password2')) echo form_error('
        password2');
34 elseif(form_error('secques')) echo form_error('secques')
        ;
35 elseif(form_error('secans')) echo form_error('secans');
36
37 </div>
38 <form id="ADDUSER" name="ADDUSER" action="
        verifyadduser" method="post">
39 <table align="center">
40 <tr>
41 <td colspan=3><hr width=100% align="center" color=
        "#d3d3d3">
42 </tr>
43 <tr>
44 <td> Name:
45 <td><input type="text" name="firstname" value="<?
        php echo set_value('firstname'); ?>" placeholder="
        First Name" size="15">
46 <input type="text" name="midname" value="<?php
        echo set_value('midname'); ?>" placeholder="
        Middle Name" size="15">
47 <input type="text" name="lastname" value="<?php
        echo set_value('lastname'); ?>" placeholder="Last
        Name" size="15">
48 </tr>
49 <tr>
50 <td colspan=3><hr width=100% align="center" color=
        "#d3d3d3">
51 </tr>
52 <tr>
53 <td>Section:
54 <td><select name="section" id="section" onChange="
        restrict(this.selectedIndex)">
55 <option value="Select one.." <?php if(set_value('section
        ') == "Select one..") echo 'selected' ?>> Select
        one.. </option>
56 <option value="Oral Diagnosis" <?php if(set_value('
        section') == "Oral Diagnosis") echo 'selected'
        ?>> Oral Diagnosis </option>
57 <option value="Oral Medicine" <?php if(set_value('
        section') == "Oral Medicine") echo 'selected' ?>>

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57     <option value="Prosthodontics" <?php if(set_value('
    section') == "Prosthodontics") echo 'selected'
    ?>> Prosthodontics </option>
58 <option value="Operative Dentistry" <?php if(set_value
    ('section') == "Operative Dentistry") echo '
    selected' ?>> Operative Dentistry </option>
59 <option value="General Query" <?php if(set_value('
    section') == "General Query") echo 'selected'
    ?>> General Query </option>
60 <option value="System Maintenance" <?php if(set_value
    ('section') == "System Maintenance") echo '
    selected' ?>> System Maintenance </option>
61 </select></td>
62 </tr>
63 <tr>
64 <td>Role:
65 <td><select name="role" id="role">
66 <option value = "Select one.." selected> Select a
    section first .. </option>
67 <?php if(set_value('section') == "Oral Diagnosis"){
68 echo "<option value = 'Faculty'";
69 if (set_value('role') == "Faculty"){
70 echo "selected";
71 }
72 echo "> Faculty </option>";
73 echo "<option value = 'Student'";
74 if (set_value('role') == "Student"){
75 echo "selected";
76 }
77 echo "> Student </option>";
78 }
79 elseif(set_value('section') == "Oral Medicine"){
80 echo "<option value = 'Faculty'";
81 if (set_value('role') == "Faculty"){
82 echo "selected";
83 }
84 echo "> Faculty </option>";
85 echo "<option value = 'Student'";
86 if (set_value('role') == "Student"){
87 echo "selected";
88 }
89 echo "> Student </option>";
90 }
91 elseif(set_value('section') == "Prosthodontics"){
92 echo "<option value = 'Faculty'";
93 if (set_value('role') == "Faculty"){
94 echo "selected";
95 }
96 echo "> Faculty </option>";
97 echo "<option value = 'Student'";
98 if (set_value('role') == "Student"){
99 echo "selected";
100 }
101 echo "> Student </option>";
102 }
103 elseif(set_value('section') == "Operative Dentistry")
    {
104 echo "<option value = 'Faculty'";
105 if (set_value('role') == "Faculty"){
106 echo "selected";
107 }
108 echo "> Faculty </option>";
109 echo "<option value = 'Student'";
110 if (set_value('role') == "Student"){
111 echo "selected";
112 }
113 echo "> Student </option>";
114 }
115 elseif(set_value('section') == "General Query"){
116 echo "<option value = 'Faculty'";
117 if (set_value('role') == "Faculty"){
118 echo "selected";
119 }
120 echo "> Faculty </option>";
121 echo "<option value = 'Student'";
122 if (set_value('role') == "Student"){
123 echo "selected";
124 }
125 echo "> Student </option>";
126 }
127 elseif(set_value('section') == "System Maintenance")
    {
128 echo "<option value = 'System Administrator'";
129 if (set_value('role') == "System Administrator"){
130 echo "selected";
131 }
132 echo "> System Administrator </option>";
133 }
134 ?>
135 </select></td>
136 </tr>
137 <tr>
138 <td colspan=3> <hr width=100% align="center" color=
    "#d3d3d3">
139 </tr>
140 <tr>
141 <td><label for="username">Username:</label>
142 <td><input type="text" size="20" id="username"
    name="username" value="<?php echo
    set_value('username'); ?>">
143 </td>
144 <tr>
145 <td><label for="password">Password:</label>
146 <td><input type="password" size="20" id="
    password" name="password" value="<?php
    echo set_value('password'); ?>">
147 </td>
148 <tr>
149 <td><label for="password2">Retype password:</label>
150 <td><input type="password" size="20" id="
    password2" name="password2" value="<?
    php echo set_value('password2'); ?>">
151 </td>
152 <tr>
153 <td colspan=3> <hr width=100% align="center" color=
    "#d3d3d3">
154 </tr>
155 <tr>
156 <td><label for="secques">Security Question:</label>
157 <td><select name="secques" id="secques">
158 <option value="Select a question.."> Select a question
    .. </option>
159 <option value="What is your favorite childhood movie?
    "> What is your favorite childhood movie? </
    option>
160 <option value="What is your mother's maiden name?"
    > What is your mother's maiden name? </option
    >
161 <option value="Where is you father's hometown?">
    Where is you father's hometown? </option>
162 <option value="What is the name of your first pet dog?
    "> What is the name of your first pet dog? </
    option>
163 <option value="Who is your favorite elementary teacher
    ?"> Who is your favorite elementary teacher? </
    option>
164 </select></td>
165 </tr>
166 <tr>
167 <td><label for="secans">Security Answer:</label>
168 <td><input type="text" size="20" id="secans"
    name="secans" >
169 </td>
170 </tr>
171 </table><br>
172 <input type="submit" value="Add User"/> <input
    type="reset" value="Clear entries"/>
173 </form>
174 </div>
175 </div>
176 </body>
177 </html>

```

Listing 74: changepasswordview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4 echo "<link rel='stylesheet' type='text/css' href='
    ".base_url()."css/style.css'>";
5 echo "<script type='text/javascript' src='\".base_url().
    "js/dynamic.js\"></script>";
6 ?>
7
8 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
9 <html xmlns="http://www.w3.org/1999/xhtml">
10 <head>
11
12 <title>Add User – System Administrator</title>
13 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
14 </head>
15 <?php
16 $session_data = $this->session->userdata('logged_in');
17 $username_log = $session_data['username'];
18
19 ?>
20 <body>
21
22 <div class="maindiv">
23 <h3 align="center">Change Password</h3>
24 <div class="validation" style="display:<?if(
    validation_errors() == true) echo 'block'; else
    echo 'none'?>>
25 <?php if(form_error('password2')) echo form_error('
    password2'); ?>
26 </div>
27 <form id="CHANGEPASSWORD" name="
    CHANGEPASSWORD" action="verifychangepassword"
    method="post">
28 <input type="hidden" name="username" value="<?php

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```

29     echo $username; ?>">
30 <table align="center" width="70%">
31 <tr>
32 <td colspan=3> <hr width=100% align="center" color
33     ="#d3d3d3">
34 </tr>
35 <tr>
36 <td><label for="password">New password:</label>
37 <td><input type="password" size="20" id="
38     password" name="password" value=""<?php
        echo set_value('password'); ?>">
39 </tr>
40 <tr>
41 <td><label for="password2">Re-type new password
42     :</label>

```

```

39 <td><input type="password" size="20" id="
40     password2" name="password2" value=""<?
41     php echo set_value('password2'); ?>">
42 </tr>
43 <tr>
44 <td colspan=3> <hr width=100% align="center" color
45     ="#d3d3d3">
46 </tr>
47 </table><br>
48 <input type="submit" value="Submit"/> <input
49     type="reset" value="Clear entries"/>
50 </form>
51 </div>
52 </body>
53 </html>

```

Listing 75: clinicianappointmentsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
6     '".base_url()."css/style.css'>";
7 echo "<script type='text/javascript' src='\".base_url
8     ().\"js/dynamic.js\"></script>";
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
11     Transitional//EN" "http://www.w3.org/TR/xhtml1
12     /DTD/xhtml1-transitional.dtd">
13 <html xmlns="http://www.w3.org/1999/xhtml" >
14 <head>
15 <link href="<?php echo base_url(); ?>css/ui-lightness/
16     jquery-ui-1.10.3.custom.css" rel="stylesheet">
17 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
18     "></script>
19 <script src="<?php echo base_url(); ?>js/jquery-ui
20     -1.10.3.custom.js"></script>
21
22 <?php
23 $session_data = $this->session->userdata('logged_in');
24 $sect = $session_data['section'];
25 $section = "";
26 foreach($sect as $row){
27     if($row != "System Maintenance"){
28         $section = $row;
29         break;
30     }
31 }
32
33 $session_data = $this->session->userdata('
34     current_patient');
35 $id = $session_data['id'];
36
37 ?>
38 <title>View Section Clinicians - <?php echo $section;
39     ?></title>
40 <link rel="shortcut icon" href="<?php echo base_url();
41     ?>images/upcd-20140224-favicon.ico">
42 <script type="text/javascript">
43
44 </script>
45 </head>

```

```

41 <body>
42
43 <div class="validation" style="display:<?if(
44     validation_errors() == true) echo 'block'; else echo
45     'none'?>">
46 <?php echo validation_errors(); ?>
47 </div>
48 <div class="maindiv">
49 <div align="left"><br><a href="<?php echo base_url()
50     ;?>index.php/dentaldata/patient/<?php echo $id;
51     ?>"> Go Back </a></div><br>
52
53 <table frame="box" class="altcolor" style="width:98%;
54     left:1%; text-align: center;">
55 <tr class="header">
56 <td colspan=6> Appointments
57 </tr>
58 <tr>
59 <td> Patient
60 <td> Date
61 </tr>
62 <?php if($appointments){
63     $count = sizeof($appointments);
64     $ctr = 1;
65     $patientname = "";
66     foreach($appointments as $row){
67         $patient = $this->patient->getPatient($row['
68             UPCD_ID']);
69         foreach($patient as $row2){
70             $patientname = $row2['patientFName']. " ".substr(
71                 $row2['patientMName'], 0, 1)." ". $row2['
72                 patientLName'];
73         }
74         echo "<tr><td>". $ctr;
75         echo "<td><a href='\".base_url().\"index.php/
76             loaddashboard/patientdb/\".$row['UPCD_ID'].\"
77             '>\".$patientname.</a>";
78         echo "<td>". $row['appointmentDate'];
79         echo "</tr>";
80         $ctr++;
81     }
82 }
83 ?>
84 </table><br>
85 </form>
86 </div><br><br>
87 </body>
88 </html>

```

Listing 76: consultationandfindingsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
6     '".base_url()."css/style.css'>";
7 echo "<script type='text/javascript' src='\".base_url().
8     \"js/dynamic.js\"></script>";
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
11     Transitional//EN" "http://www.w3.org/TR/xhtml1
12     /DTD/xhtml1-transitional.dtd">
13 <html xmlns="http://www.w3.org/1999/xhtml" >
14 <head>
15 <link href="<?php echo base_url(); ?>css/ui-lightness/
16     jquery-ui-1.10.3.custom.css" rel="stylesheet">
17 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
18     "></script>
19 <script src="<?php echo base_url(); ?>js/jquery-ui
20     -1.10.3.custom.js"></script>

```

```

15 <?php
16 $session_data = $this->session->userdata('logged_in');
17 $sect = $session_data['section'];
18 $section = "";
19 foreach($sect as $row){
20     if($row != "System Maintenance"){
21         $section = $row;
22         break;
23     }
24 }
25
26 ?>
27 <title>Consultation and Findings - <?php echo
28     $section; ?></title>
29 <link rel="shortcut icon" href="<?php echo base_url();
30     ?>images/upcd-20140224-favicon.ico">
31 <script type="text/javascript">
32 var fieldNum2;
33 var j=0;
34 var year = new Date().getFullYear();
35
36 $(function() {
37     $('#date_0').datepicker({

```

```

38     dateFormat: 'yy-mm-dd',
39     showAnim: 'slideDown',
40     changeMonth: true,
41     changeYear: true,
42     yearRange: '1910:'+year
43     });
44 });
45
46 $(function() {
47     $('#startdate_0').datepicker({
48         dateFormat: 'yy-mm-dd',
49         showAnim: 'slideDown',
50         changeMonth: true,
51         changeYear: true,
52         yearRange: '1910:'+year ,
53         onClose: function( selectedDate ) {
54             $('#enddate_0').datepicker( "option", "
55                 minDate", selectedDate );
56         });
57 });
58
59 $(function() {
60     $('#enddate_0').datepicker({
61         dateFormat: 'yy-mm-dd',
62         showAnim: 'slideDown',
63         changeMonth: true,
64         changeYear: true,
65         yearRange: '1910:'+year ,
66         onClose: function( selectedDate ) {
67             $('#startdate_0').datepicker( "option", "
68                 maxDate", selectedDate );
69         });
70 });
71
72 function addConsult(tableID){
73     fieldNum2= j+1;
74
75     var table = document.getElementById(tableID);
76     var numRows = table.rows.length;
77     var row = table.insertRow(numRows);
78     row.align = "center";
79
80     var cellA = row.insertCell(0);
81     cellA.innerHTML = "<input type='checkbox' name='"+
82         fieldNum2+"' id='ck'+fieldNum2+"'>";
83     var cellB = row.insertCell(1);
84     cellB.innerHTML = "<input type='text' name='date[]'
85         class='datepicker' id='date.'" + fieldNum2 + "' size
86         =8px readonly>";
87     var cellC = row.insertCell(2);
88     cellC.innerHTML = "<input type='text' name='reason[]'
89         id='reason.'" + fieldNum2 + "' size=10px>";
90     var cellD = row.insertCell(3);
91     cellD.innerHTML = "<input type='text' name='startdate
92         []' class='datepicker' id='startdate.'" + fieldNum2 + "'
93         size=8px readonly>";
94     var cellE = row.insertCell(4);
95     cellE.innerHTML = "<input type='text' name='enddate[]'
96         class='datepicker' id='enddate.'" + fieldNum2 + "'
97         size=8px readonly>";
98     var cellF = row.insertCell(5);
99     cellF.innerHTML = "<textarea name='findings[]' id='
100         findings.'" + fieldNum2 + "' cols=30></textarea>";
101
102     j++;
103
104     var str = '#date_'+fieldNum2;
105     $(str).datepicker({
106         dateFormat: 'yy-mm-dd',
107         showAnim: 'slideDown',
108         changeMonth: true,
109         changeYear: true,
110         yearRange: '1910:'+year
111     });
112
113     var str2 = '#startdate_'+fieldNum2;
114     $(function() {
115         $(str2).datepicker({
116             dateFormat: 'yy-mm-dd',
117             showAnim: 'slideDown',
118             changeMonth: true,
119             changeYear: true,
120             yearRange: '1910:'+year ,
121             onClose: function( selectedDate ) {
122                 $('#enddate.'" + fieldNum2 + "' ).datepicker( "
123                     option", "minDate", selectedDate );
124             });
125         });
126     });
127
128     yearRange: '1910:'+year ,
129     onClose: function( selectedDate ) {
130         $('#startdate.'" + fieldNum2 + "' ).datepicker( "
131             option", "maxDate", selectedDate );
132     });
133 }
134
135 function deleteConsult(tableID){
136     var table = document.getElementById(tableID);
137     var rowCount = table.rows.length;
138     for(var i=0; i<rowCount; i++) {
139         var row = table.rows[i];
140         var chkbox = row.cells[0].childNodes[0];
141         if( null != chkbox && true == chkbox.
142             checked ) {
143             if(rowCount <= 2) {
144                 alert("Cannot delete all the rows
145                     ");
146                 break;
147             }
148             table.deleteRow(i);
149             rowCount--;
150             i--;
151         }
152     }
153 }
154
155 </script>
156 </head>
157 <?php
158 $session_data = $this->session->userdata('logged-in');
159 $username = $session_data['username'];
160
161 $session_data2 = $this->session->userdata('has_error');
162 $invalid_input = $session_data2['invalid_input'];
163
164 if ($invalid_input) {
165     $date2[] = $session_data2['date'];
166     $reason2[] = $session_data2['reason'];
167     $startdate2[] = $session_data2['startdate'];
168     $enddate2[] = $session_data2['enddate'];
169     $findings2[] = $session_data2['findings'];
170 }
171
172 if ($recordexist) {
173     foreach ($info as $row) {
174         $datetxt = $row['date'];
175         $reasontxt = $row['reason'];
176         $startdatetxt = $row['startdate'];
177         $enddatetxt = $row['enddate'];
178         $findingstxt = $row['findings'];
179     }
180 }
181
182 $date = explode(" ", $datetxt);
183 $reason = explode(" ", $reasontxt);
184 $startdate = explode(" ", $startdatetxt);
185 $enddate = explode(" ", $enddatetxt);
186 $findings = explode(" ", $findingstxt);
187
188
189
190
191 }
192 ?>
193 <body>
194
195 <div class="maindiv">
196 <?php include('patient_header.php'); ?>
197
198 <div id="Content_Area">
199
200 <form id="ADDCONSULTATIONFINDINGS" name="
201     ADDCONSULTATIONFINDINGS" action="<?php
202     echo base_url();?>index.php/
203     verifyaddconsultationandfindings" method="post">
204
205 <br><a href="<?php echo base_url();?>index.php/
206     loaddashboard/patientdb/<?php echo $id; ?>">
207     Dashboard </a> &nbsp; <a href="<?php echo
208     base_url();?>index.php/viewconsultationversions">
209     View Versions </a><br><br>
210
211 <div class="validationexc" style="display: <?php if($this
212     ->session->userdata('has_error')) echo 'block'; else
213     'none' ?>;">
214 <?php $session_data = $this->session->userdata('
215     has_error');
216     echo $session_data['error'];
217 </div>
218
219 <div style="position: relative; text-align:right; color:
220     red; right: 5%;"><i>* means required</i></div>

```

```

210 <table id="consult" frame="box" class="frame" >
211 <tr class=header>
212 <td colspan=6>Consultation and Findings
213 </tr>
214 <tr>
215 <td>
216 <td>Date <font color="red">*</font>
217 <td>Reason for Consult <font color="red">*</font
>
218 <td>From <font color="red">*</font>
219 <td>To <font color="red">*</font>
220 <td>Findings/Recommendation <font color="red"
>*</font>
221 </tr>
222 <?php
223
224 if ($invalid_input){
225 $size = sizeof($date2);
226 for($i=0; $i<$size; $i++){
227 echo "<tr>";
228 echo "<td><input type='checkbox' name='sid' id
=ck$cid checked>";
229 echo "<td><input type='text' name='datenew[]'
class='datepicker' id='date_$i' size=8px value
='". $date2[0][$i]."' readonly>
230 <td><input type='text' name='reason[]' id='
reason_$i' size=10px value='". $reason2[0][$i]."'
>
231 <td><input type='text' name='startdate[]' class='
datepicker' id='startdate_$i' size=8px value='".
$.startdate2[0][$i]."' readonly>
232 <td><input type='text' name='enddate[]' class='
datepicker' id='enddate_$i' size=8px value='".
$.enddate2[0][$i]."' readonly>
233 <td><textarea name='findings[]' id='findings_$i'
cols=30>". $findings2[0][$i]."</textarea>
234 </tr>";
235 }
236 }
237 elseif ($recordexist){
238 $size = sizeof($date);
239 for($i=0; $i<$size; $i++){
240 echo "<tr>";
241 echo "<td><input type='checkbox' name='sid' id
=ck$cid checked>";
242 echo "<td><input type='text' name='datenew[]'
class='datepicker' id='date_$i' size=8px value
='". $date[$i]."' readonly>
243 <td><input type='text' name='reason[]' id='
reason_$i' size=10px value='". $reason[$i]."' >
244 <td><input type='text' name='startdate[]' class='
datepicker' id='startdate_$i' size=8px value='".
$.startdate[$i]."' readonly>
245 <td><input type='text' name='enddate[]' class='
datepicker' id='enddate_$i' size=8px value='".
$.enddate[$i]."' readonly>
246 <td><textarea name='findings[]' id='findings_$i'
cols=30>". $findings[$i]."</textarea>
247 </tr>";
248 }
249 }
250 else{
251 echo "<tr>
252 <td><input type='checkbox' name='0' id='ck0' >
253 <td><input type='text' name='datenew[]' class='
datepicker' id='date_0' size=8px readonly>
254 <td><input type='text' name='reason[]' id='
reason_0' size=10px >
255 <td><input type='text' name='startdate[]' class='
datepicker' id='startdate_0' size=8px readonly>
256 <td><input type='text' name='enddate[]' class='
datepicker' id='enddate_0' size=8px readonly>
257 <td><textarea name='findings[]' id='findings_0' cols
=30></textarea>
258 <!--<td><input type='text' name='clinician2[]' id
='clinician2_0' size=7px >
259 <td><input type='text' name='clinician2_nat[]' id='
clinician2nat_0' size=7px >
260 <td><input type='text' name='fac[]' id='fac_0' size
=7px>-->
261 </tr>";
262 }
263 ?>
264 </table><br><br>
265 <input type="button" onClick="addConsult('consult')>
value="Add Row">
266 <input type="button" onClick="deleteConsult('consult')
" value="Delete Row/s"><br><br>
267 <input type="submit" value="Save"/> <input type="
reset" value="Clear entries"/>
268 </form>
269
270 </div>
271
272 </body>
273 </html>

```

Listing 77: consultationandfindingsreadonlyview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
".base_url()."css/style.css'>";
6 ?>
7
8 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" "http://www.w3.org/TR/xhtml1
/DTD/xhtml1-transitional.dtd">
9 <html xmlns="http://www.w3.org/1999/xhtml" >
10 <head>
11 <link href="<?php echo base_url(); ?>css/ui-lightness/
jquery-ui-1.10.3.custom.css" rel="stylesheet">
12 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
"></script>
13 <script src="<?php echo base_url(); ?>js/jquery-ui
-1.10.3.custom.js"></script>
14
15 <?php
16 $session_data = $this->session->userdata('logged_in');
17 $sect = $session_data['section'];
18 $section = "";
19 foreach($sect as $row){
20 if($row != "System Maintenance"){
21 $section = $row;
22 break;
23 }
24 }
25
26 ?>
27
28 <title>Consultation and Findings - <?php echo
$section; ?></title>
29 <link rel="shortcut icon" href="<?php echo base_url();
?>images/upcd-20140224-favicon.ico">
30 <script type="text/javascript">
31
32
33
34 </script>
35 </head>
36 <?php
37 $session_data = $this->session->userdata('logged_in');
38 $username = $session_data['username'];
39
40 $session_data2 = $this->session->userdata('has_error');
41 $invalid_input = $session_data2['invalid_input'];
42
43 if ($recordexist){
44 foreach($info as $row){
45
46 $datetxt = $row['date'];
47 $reasontxt = $row['reason'];
48 $startdatetxt = $row['startdate'];
49 $enddatetxt = $row['enddate'];
50 $findingstxt = $row['findings'];
51
52 }
53
54 $date = explode(" ", $datetxt);
55 $reason = explode(" ", $reasontxt);
56 $startdate = explode(" ", $startdatetxt);
57 $enddate = explode(" ", $enddatetxt);
58 $findings = explode(" ", $findingstxt);
59
60 }
61 ?>
62 <body>
63
64 <div class="maindiv">
65 <?php include('patient_header.php'); ?>
66
67 <div id="Content_Area">
68
69 <form id="ADDCONSULTATIONFINDINGS" name="
ADDCONSULTATIONFINDINGS" action="<?php
echo base_url();?>index.php/
verifyaddconsultationandfindings" method="post">
70
71 <br><a href="<?php echo base_url();?>index.php/
loaddashboard/patientdb/<?php echo $id; ?>">
Dashboard </a> &nbsp;&nbsp;<a href="<?php echo
base_url();?>index.php/viewconsultationversions">
View Versions </a><br><br>
72
73 <div class="validationexc" style="display: <?php if($this
->session->userdata('has_error')) echo 'block'; else
'none' ?>";>
74 <?php $session_data = $this->session->userdata('
has_error');
75 echo $session_data['error'];
76 ?>

```



```

77 </div>
78
79 <?php if($forapproval) echo " <h4 style='color:red;'>This
patient's record is currently subject for approval.</
h4>";
80 elseif($private) echo " <h4 style='color:red;'>This
patient's record is under other clinician 's
supervision.</h4>"; ?>
81
82 <table id="consult" frame="box" class="frame">
83 <tr class=header>
84 <td colspan=6>Consultation and Findings
85 </tr>
86 <tr>
87 <td>
88 <td>Date
89 <td>Reason for Consult
90 <td>From
91 <td>To
92 <td>Findings/Recommendation
93 </tr>
94 <?php
95 if($recordexist){
96 $size = sizeof($date);
97 for($i=0; $i<$size; $i++){
98 echo " <tr>";
99 echo " <td>"; //<input type='checkbox' name='0' id='
ck0'>
100 echo " <td><input type='text' name='datenew[]'
class='datepicker' id='date_.$i' size=8px value=
'".$date[$i]."' readonly disabled>
101 <td><input type='text' name='reason[]' id='
reason_.$i' size=10px value='".$reason[$i]."'
readonly disabled>
102 <td><input type='text' name='startdate[]' class='
datepicker' id='startdate_.$i' size=8px value="'.
$startdate[$i]."' readonly disabled>
103 <td><input type='text' name='enddate[]' class='
datepicker' id='enddate_.$i' size=8px value="'.
$enddate[$i]."' readonly disabled>
104 <td><textarea name='findings[]' id='findings_.$i' cols
=30 readonly>". $findings[$i]. "</textarea>
105 </tr>";
106 }
107 }
108 else{
109 echo " <tr>";
110 echo " <td>"; //<input type='checkbox' name='0' id='
ck0'>
111 echo " <td><input type='text' name='datenew[]' class
='datepicker' id='date_0' size=8px readonly
disabled>
112 <td><input type='text' name='reason[]' id='reason_0'
size=10px readonly disabled>
113 <td><input type='text' name='startdate[]' class='
datepicker' id='startdate_0' size=8px readonly
disabled>
114 <td><input type='text' name='enddate[]' class='
datepicker' id='enddate_0' size=8px readonly
disabled>
115 <td><textarea name='findings[]' id='findings_0' cols
=30 readonly></textarea>
116 </tr>";
117 }
118 }
119 ?>
120 </table><br><br>
121 </form>
122 </div>
123
124
125 </body>
126 </html>

```

Listing 78: dentalchartview.php

```

1 <?php
2 include('header.php');
3 //include (' navigation .php ');
4
5 echo " <link rel='stylesheet' type='text/css' href='
.base_url(). 'css/style.css'>";
6 echo " <script type='text/javascript' src='\".base_url().
'js/dynamic.js'></script>";
7 echo " <script type='text/javascript' src='\".base_url().
'js/patientdb.js'></script>";
8 echo " <script type='text/javascript' src='\".base_url().
'js/dentalchartscripts.js'></script>";
9 echo " <script type='text/javascript' src='\".base_url().
'js/test.js'></script>";
10 ?>
11
12 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" http://www.w3.org/TR/xhtml1
/DTD/xhtml1-transitional.dtd>
13 <html xmlns="http://www.w3.org/1999/xhtml" >
14 <head>
15 <link href=" <?php echo base_url(); ?>css/ui-lightness/
jquery-ui-1.10.3.custom.css" rel="stylesheet" >
16 <script src=" <?php echo base_url(); ?>js/jquery-1.9.1.js
" ></script>
17 <script src=" <?php echo base_url(); ?>js/jquery-ui
-1.10.3.custom.js" ></script>
18
19 <?php
20 $session_data = $this->session->userdata('logged_in');
21 $sect = $session_data['section'];
22 $section = "";
23 foreach($sect as $row){
24 if($row != "System Maintenance"){
25 $section = $row;
26 break;
27 }
28 }
29 ?>
30
31 <title>Dental Chart - <?php echo $section; ?></title>
32 >
33 <link rel="shortcut icon" href=" <?php echo base_url();
?>images/upcd-20140224-favicon.ico" >
34 </head>
35 <?php
36 $session_data = $this->session->userdata('logged_in');
37 $username = $session_data['username'];
38
39 $session_data2 = $this->session->userdata('has_error');
40 $invalid_input = $session_data2['invalid_input'];
41
42 if($recordexist){
43 foreach($info as $row){
44 //caries
45 $discar = $row['distal_caries'];
46 $buccar = $row['buccal_caries'];
47 $lincar = $row['lingual_caries'];
48 $mescar = $row['mesial_caries'];
49 $soccscar = $row['occlusal_caries'];
50 $disrescar = $row['distal_restorable_caries'];
51 $bucrescar = $row['buccal_restorable_caries'];
52 $linrescar = $row['lingual_restorable_caries'];
53 $mesrescar = $row['mesial_restorable_caries'];
54 $soccrescar = $row['occlusal_restorable_caries'];
55
56 $discaries = explode(" ", $discar);
57 $buccaries = explode(" ", $buccar);
58 $lincaries = explode(" ", $lincar);
59 $mesaries = explode(" ", $mescar);
60 $soccaries = explode(" ", $soccscar);
61 $disresaries = explode(" ", $disrescar);
62 $bucresaries = explode(" ", $bucrescar);
63 $linresaries = explode(" ", $linrescar);
64 $mesresaries = explode(" ", $mesrescar);
65 $soccresaries = explode(" ", $soccrescar);
66
67 //recurrent
68 $disrec = $row['distal_recurrent'];
69 $bucrec = $row['buccal_recurrent'];
70 $linrec = $row['lingual_recurrent'];
71 $mesrec = $row['mesial_recurrent'];
72 $soccres = $row['occlusal_recurrent'];
73 $disresrec = $row['distal_restorable_recurrent'];
74 $bucresrec = $row['buccal_restorable_recurrent'];
75 $linresrec = $row['lingual_restorable_recurrent'];
76 $mesresrec = $row['mesial_restorable_recurrent'];
77 $soccresrec = $row['occlusal_restorable_recurrent'];
78
79 $disrecurrent = explode(" ", $disrec);
80 $bucrescurrent = explode(" ", $bucrec);
81 $linrescurrent = explode(" ", $linrec);
82 $mesrescurrent = explode(" ", $mesrec);
83 $soccrescurrent = explode(" ", $soccres);
84 $disresrecurrent = explode(" ", $disresrec);
85 $bucresrecurrent = explode(" ", $bucresrec);
86 $linresrecurrent = explode(" ", $linresrec);
87 $mesresrecurrent = explode(" ", $mesresrec);
88 $soccresrecurrent = explode(" ", $soccresrec);
89
90 //restoration
91 $disres = $row['distal_restoration'];
92 $bucres = $row['buccal_restoration'];
93 $linres = $row['lingual_restoration'];
94 $mesres = $row['mesial_restoration'];
95 $soccres = $row['occlusal_restoration'];
96 $disresres = $row['distal_restorable_restoration'];
97 $bucresres = $row['buccal_restorable_restoration'];
98 $linresres = $row['lingual_restorable_restoration'];
99 $mesresres = $row['mesial_restorable_restoration'];
100 $soccresres = $row['occlusal_restorable_restoration'];
101
102 $disrestoration = explode(" ", $disres);
103 $bucrestoration = explode(" ", $bucres);
104 $linrestoration = explode(" ", $linres);
105 $mesrestoration = explode(" ", $mesres);
106 $soccrestoration = explode(" ", $soccres);
107 $disresrestoration = explode(" ", $disresres);

```

```

108 $bucresrestoration = explode(" ", $bucresres);
109 $linresrestoration = explode(" ", $linresres);
110 $mesresrestoration = explode(" ", $mesresres);
111 $sccresrestoration = explode(" ", $sccresres);
112
113 //serviceneeded
114 $class1 = $row['class1'];
115 $class2 = $row['class2'];
116 $class3 = $row['class3'];
117 $class4 = $row['class4'];
118 $class5 = $row['class5'];
119 $onlay = $row['onlay'];
120 $extraction = $row['extraction'];
121 $odontectomy = $row['odontectomy'];
122 $special_case = $row['special_case'];
123 $pulp_sedation = $row['pulp_sedation'];
124 $crown_recementation = $row['crown_recementation'];
125 $filling_service = $row['filling_service'];
126 $laminated = $row['laminated'];
127 $single_crown = $row['single_crown'];
128 $bridge_service = $row['bridge_service'];
129 $anterior = $row['anterior'];
130 $posterior = $row['posterior'];
131 $orthoendo = $row['orthoendo'];
132
133 $c1 = explode(" ", $class1);
134 $c2 = explode(" ", $class2);
135 $c3 = explode(" ", $class3);
136 $c4 = explode(" ", $class4);
137 $c5 = explode(" ", $class5);
138 $ol = explode(" ", $onlay);
139 $ex = explode(" ", $extraction);
140 $od = explode(" ", $odontectomy);
141 $sc = explode(" ", $special_case);
142 $ps = explode(" ", $pulp_sedation);
143 $cr = explode(" ", $crown_recementation);
144 $fs = explode(" ", $filling_service);
145 $la = explode(" ", $laminated);
146 $scr = explode(" ", $single_crown);
147 $bs = explode(" ", $bridge_service);
148 $ant = explode(" ", $anterior);
149 $pos = explode(" ", $posterior);
150 $or = explode(" ", $orthoendo);
151
152 //dental chart
153 $partialdenture = $row['removable_partial_denture'];
154 $extru = $row['extrusion'];
155 $intru = $row['intrusion'];
156 $mesrot = $row['mesial_rotation'];
157 $disrot = $row['distal_rotation'];
158 $rot = $row['rotation'];
159 $postcore = $row['postcore_crown'];
160 $root = $row['rootcanal_treatment'];
161 $pit = $row['pitifissure_sealants'];
162 $extra = $row['extracted'];
163 $miss = $row['missing'];
164 $erup = $row['unerupted'];
165 $impac = $row['impacted'];
166 $porcr = $row['porcelain_crown'];
167 $acr = $row['acrylic_crown'];
168 $metcr = $row['metal_crown'];
169 $porin = $row['porcelain_fused'];
170 $fixed = $row['fixed_bridge'];
171
172 $partialdentures = explode(" ", $partialdenture);
173 $extrus = explode(" ", $extru);
174 $intrus = explode(" ", $intru);
175 $mesrots = explode(" ", $mesrot);
176 $disrots = explode(" ", $disrot);
177 $rots = explode(" ", $rot);
178 $postcores = explode(" ", $postcore);
179 $roots = explode(" ", $root);
180 $pits = explode(" ", $pit);
181 $extras = explode(" ", $extra);
182 $misss = explode(" ", $miss);
183 $erups = explode(" ", $erup);
184 $impacs = explode(" ", $impac);
185 $porcrs = explode(" ", $porcr);
186 $acrers = explode(" ", $acr);
187 $metcrs = explode(" ", $metcr);
188 $porins = explode(" ", $porin);
189 $fixeds = explode(" ", $fixed);
190
191 //otherservices
192 $perio = $row['periodontics'];
193 $pedo = $row['pedodontics'];
194 $ortho = $row['orthodontics'];
195 $acute = $row['acuteinfections'];
196 $traumatic = $row['traumaticinjuries'];
197 $compdent = $row['completdenture'];
198 $singdent = $row['singledenture'];
199 $rempardent = $row['removablepartialdenture'];
200 $othdent = $row['otherdenture'];
201 $notes = $row['dentalnotes'];
202
203 //dentures
204 $dentcomp = $row['complete_denture'];
205 $dentup = $row['upper_denture'];
206 $dentlow = $row['lower_denture'];
207 }
208 }
209 ?>
210 <body>
211 <br>
212 <div style="position:absolute; border: 2px #7F00FF
solid; border-top-left-radius:12px; border-top-
right-radius:12px;">
213
214 <?php include('patient_header.php'); ?>
215
216 <div id="Content_Area" >
217
218 <form id="ADDDENTALCHART" name="
ADDDENTALCHART" action="<?php echo base_url
();?>index.php/verifyadddentalchart" method="post
">
219
220 <br><center><a href="<?php echo base_url();?>index.
php/loaddashboard/patientdb/<?php echo $id; ?>"
> Dashboard </a> &nbsp;   <a href="<?php echo
base_url();?>index.php/viewdentalchartversions">
View Versions </a></center><br><br>
221
222 <div class="validationexc" style="display: <?php if($this
->session->userdata('has_error')) echo 'block'; else
'none' ?>";>
223
224 <?php $session_data = $this->session->userdata('
has_error');
225 echo $session_data['error'];
226 ?>
227 </div>
228
229 <div class="tempDent">
230 <h3>Patient: </h3>
231
232
233
234 <!-- <input type="hidden" name="patient_id" value="
${patient_id}" />
235 <input type="hidden" name="version" value="${
version}" />
236 <input type="hidden" name="is_current" value="${
is_current}" />-->
237
238 Tooth
239 <table class="toothAlign1">
240 <tr>
241
242 <td><a href="javascript:void(0)" onclick="toothclick
(18)">18</a></td>
243 <td><a href="javascript:void(0)" onclick="toothclick
(17)">17</a></td>
244 <td><a href="javascript:void(0)" onclick="toothclick
(16)">16</a></td>
245 <td><a href="javascript:void(0)" onclick="toothclick
(15)">15</a></td>
246 <td><a href="javascript:void(0)" onclick="toothclick
(14)">14</a></td>
247 <td><a href="javascript:void(0)" onclick="toothclick
(13)">13</a></td>
248 <td><a href="javascript:void(0)" onclick="toothclick
(12)">12</a></td>
249 <td><a href="javascript:void(0)" onclick="toothclick
(11)">11</a></td>
250 <td><a href="javascript:void(0)" onclick="toothclick
(21)">21</a></td>
251 <td><a href="javascript:void(0)" onclick="toothclick
(22)">22</a></td>
252 <td><a href="javascript:void(0)" onclick="toothclick
(23)">23</a></td>
253 <td><a href="javascript:void(0)" onclick="toothclick
(24)">24</a></td>
254 <td><a href="javascript:void(0)" onclick="toothclick
(25)">25</a></td>
255 <td><a href="javascript:void(0)" onclick="toothclick
(26)">26</a></td>
256 <td><a href="javascript:void(0)" onclick="toothclick
(27)">27</a></td>
257 <td><a href="javascript:void(0)" onclick="toothclick
(28)">28</a></td>
258 </tr>
259 </table>
260
261 <section>
262
263 <div id="canvasesdiv2" style="position:relative; width
:1260px; height:70px; border: solid 1px #D9D9D9;">
264
265 <canvas id="layer63" style="z-index: 1; position:absolute;
left:0px; top:0px;" height="70px" width="1260px"
>
266 </canvas>
267 </div>
268
269 <canvas id="layer65" style="z-index: 1; position:absolute;
270

```

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        left:0px; top:0px;" height="70px" width="1260px" 338
    > 339 <canvas id="layer19" style="z-index: 19; position:absolute
271 </canvas> ; left:0px; top:0px;" height="250px" width="1260" >
272 340
273 <canvas id="layer67" style="z-index: 1; position:absolute; 341 </canvas>
    left:0px; top:0px;" height="70px" width="1260px" 342 <canvas id="layer20" style="z-index: 20; position:
    absolute; left:0px; top:0px;" height="250px" width=
274 </canvas> "1260" >
275 </div> 343
276 </section> 344 </canvas>
277 345 <canvas id="layer21" style="z-index: 21; position:
278 <section> absolute; left:0px; top:0px;" height="250px" width=
279 <div id="cnavasesdiv" style="position:relative; width:1260 "1260" >
    px; height:250px; border: solid 2px #D9D9D9;" > 346
280 <canvas id="layer1" style="z-index: 1; position:absolute; 347 </canvas>
    left:0px; top:0px;" height="250px" width="1260" > 348 <canvas id="layer22" style="z-index: 22; position:
    absolute; left:0px; top:0px;" height="250px" width=
281 </canvas> "1260" >
282 349
283 <canvas id="layer2" style="z-index: 2; position:absolute; 350 </canvas>
    left:0px; top:0px;" height="250px" width="1260" > 351
284 This text is displayed if your browser does not support 352 <canvas id="layer23" style="z-index: 23; position:absolute
    HTML5 Canvas. ; left:0px; top:0px;" height="250px" width="1260" >
285 </canvas> 353
286 <canvas id="layer3" style="z-index: 3; position:absolute; 354 </canvas>
    left:0px; top:0px;" height="250px" width="1260" > 355 <canvas id="layer24" style="z-index: 24; position:
    absolute; left:0px; top:0px;" height="250px" width=
287 </canvas> "1260" >
288 356
289 <canvas id="layer4" style="z-index: 4; position:absolute; 357 </canvas>
    left:0px; top:0px;" height="250px" width="1260" > 358 <canvas id="layer25" style="z-index: 25; position:
    absolute; left:0px; top:0px;" height="250px" width=
290 </canvas> "1260" >
291 359
292 360 </canvas>
293 <canvas id="layer5" style="z-index: 5; position:absolute; 361 <canvas id="layer26" style="z-index: 26; position:
    left:0px; top:0px;" height="250px" width="1260" > absolute; left:0px; top:0px;" height="250px" width=
294 </canvas> "1260" >
295 362
296 <canvas id="layer6" style="z-index: 6; position:absolute; 363 </canvas>
    left:0px; top:0px;" height="250px" width="1260" > 364
297 </canvas> 365 <canvas id="layer27" style="z-index: 27; position:
    absolute; left:0px; top:0px;" height="250px" width=
298 </canvas> "1260" >
299 <canvas id="layer7" style="z-index: 7; position:absolute; 366 </canvas>
    left:0px; top:0px;" height="250px" width="1260" > 367 <canvas id="layer28" style="z-index: 28; position:
    absolute; left:0px; top:0px;" height="250px" width=
300 </canvas> "1260" >
301 <canvas id="layer8" style="z-index: 8; position:absolute; 368 </canvas>
    left:0px; top:0px;" height="250px" width="1260" > 369
302 </canvas> 370 <canvas id="layer29" style="z-index: 29; position:absolute
    absolute; left:0px; top:0px;" height="250px" width=
303 </canvas> "1260" >
304 371
305 <canvas id="layer9" style="z-index: 9; position:absolute; 372 </canvas>
    left:0px; top:0px;" height="250px" width="1260" > 373
306 </canvas> 374 <canvas id="layer30" style="z-index: 30; position:
    absolute; left:0px; top:0px;" height="250px" width=
307 <canvas id="layer10" style="z-index: 10; position: "1260" >
    absolute; left:0px; top:0px;" height="250px" width= 375 </canvas>
    "1260" > 376
308 </canvas> 377 <canvas id="layer31" style="z-index: 31; position:
    absolute; left:0px; top:0px;" height="250px" width=
309 <canvas id="layer11" style="z-index: 11; position: "1260" >
    absolute; left:0px; top:0px;" height="250px" width= 378 </canvas>
    "1260" > 379
310 </canvas> 380 <canvas id="layer32" style="z-index: 32; position:
    absolute; left:0px; top:0px;" height="250px" width=
311 <canvas id="layer12" style="z-index: 12; position: "1260" >
    absolute; left:0px; top:0px;" height="250px" width= 381 </canvas>
    "1260" > 382
312 </canvas> 383 <canvas id="layer33" style="z-index: 33; position:absolute
    absolute; left:0px; top:0px;" height="250px" width= ; left:0px; top:0px;" height="250px" width="1260" >
    "1260" > 384
313 </canvas> 385 </canvas>
314 <canvas id="layer13" style="z-index: 13; position:absolute 386 <canvas id="layer34" style="z-index: 34; position:
    ; left:0px; top:0px;" height="250px" width="1260" > absolute; left:0px; top:0px;" height="250px" width=
315 </canvas> "1260" > 387 </canvas>
316 </canvas> 388 <canvas id="layer35" style="z-index: 35; position:
    absolute; left:0px; top:0px;" height="250px" width=
317 <canvas id="layer14" style="z-index: 14; position: "1260" >
    absolute; left:0px; top:0px;" height="250px" width= 389
318 </canvas> 390 </canvas>
319 <canvas id="layer15" style="z-index: 15; position: 391 <canvas id="layer36" style="z-index: 36; position:
    absolute; left:0px; top:0px;" height="250px" width= absolute; left:0px; top:0px;" height="250px" width=
320 </canvas> "1260" > 392 </canvas>
321 <canvas id="layer16" style="z-index: 16; position: 393 <canvas id="layer37" style="z-index: 37; position:
    absolute; left:0px; top:0px;" height="250px" width= absolute; left:0px; top:0px;" height="250px" width=
322 </canvas> "1260" > 394 </canvas>
323 <canvas id="layer17" style="z-index: 17; position: 395 <canvas id="layer38" style="z-index: 38; position:
    absolute; left:0px; top:0px;" height="250px" width= absolute; left:0px; top:0px;" height="250px" width=
324 </canvas> "1260" > 396 </canvas>
325 <canvas id="layer18" style="z-index: 18; position: 397 </canvas>
    absolute; left:0px; top:0px;" height="250px" width= 398 <canvas id="layer39" style="z-index: 39; position:
    "1260" > 399 </canvas>
326 </canvas> 400 </canvas>
327 <canvas id="layer19" style="z-index: 19; position:absolute; 401 <canvas id="layer40" style="z-index: 40; position:
    absolute; left:0px; top:0px;" height="250px" width= absolute; left:0px; top:0px;" height="250px" width=
328 </canvas> "1260" >
329 </canvas>
330 </canvas>
331 </canvas>
332 <canvas id="layer17" style="z-index: 17; position: 395
    absolute; left:0px; top:0px;" height="250px" width= 396
    "1260" > 397
333 </canvas> 398
334 <canvas id="layer18" style="z-index: 18; position: 399
    absolute; left:0px; top:0px;" height="250px" width= 400
    "1260" > 401
335 </canvas> <canvas id="layer38" style="z-index: 38; position:
    absolute; left:0px; top:0px;" height="250px" width=
336 </canvas>
337 </canvas>

```

```

402         "1260">
403     </canvas>
404
405     <canvas id="layer39" style="z-index: 39; position:absolute
406         ; left:0px; top:0px;" height="250px" width="1260">
407
408     </canvas>
409     <canvas id="layer40" style="z-index: 40; position:
410         absolute; left:0px; top:0px;" height="250px" width=
411         "1260">
412
413     </canvas>
414     <canvas id="layer41" style="z-index: 41; position:
415         absolute; left:0px; top:0px;" height="250px" width=
416         "1260">
417
418     </canvas>
419     <canvas id="layer42" style="z-index: 42; position:
420         absolute; left:0px; top:0px;" height="250px" width=
421         "1260">
422
423     </canvas>
424     <canvas id="layer43" style="z-index: 43; position:
425         absolute; left:0px; top:0px;" height="250px" width=
426         "1260">
427
428     </canvas>
429     <canvas id="layer44" style="z-index: 44; position:
430         absolute; left:0px; top:0px;" height="250px" width=
431         "1260">
432
433     </canvas>
434     <canvas id="layer45" style="z-index: 45; position:
435         absolute; left:0px; top:0px;" height="250px" width=
436         "1260">
437
438     </canvas>
439     <canvas id="layer46" style="z-index: 46; position:
440         absolute; left:0px; top:0px;" height="250px" width=
441         "1260">
442
443     </canvas>
444     <canvas id="layer47" style="z-index: 47; position:
445         absolute; left:0px; top:0px;" height="250px" width=
446         "1260">
447
448     </canvas>
449     <canvas id="layer48" style="z-index: 48; position:
450         absolute; left:0px; top:0px;" height="250px" width=
451         "1260">
452
453     </canvas>
454     <canvas id="layer49" style="z-index: 49; position:
455         absolute; left:0px; top:0px;" height="250px" width=
456         "1260">
457
458     </canvas>
459     <canvas id="layer50" style="z-index: 50; position:
460         absolute; left:0px; top:0px;" height="250px" width=
461         "1260">
462
463     </canvas>
464     <canvas id="layer51" style="z-index: 51; position:
465         absolute; left:0px; top:0px;" height="250px" width=
466         "1260">
467
468     </canvas>
469     <canvas id="layer52" style="z-index: 52; position:
470         absolute; left:0px; top:0px;" height="250px" width=
471         "1260">
472
473     </canvas>
474     <canvas id="layer53" style="z-index: 53; position:
475         absolute; left:0px; top:0px;" height="250px" width=
476         "1260">
477
478     </canvas>
479     <canvas id="layer54" style="z-index: 54; position:
480         absolute; left:0px; top:0px;" height="250px" width=
481         "1260">
482
483     </canvas>
484     <canvas id="layer55" style="z-index: 55; position:
485         absolute; left:0px; top:0px;" height="250px" width=
486         "1260">
487
488     </canvas>
489     <canvas id="layer56" style="z-index: 56; position:
490         absolute; left:0px; top:0px;" height="250px" width=
491         "1260">
492
493     </canvas>
494     <canvas id="layer57" style="z-index: 57; position:
495         absolute; left:0px; top:0px;" height="250px" width=
496         "1260">
497
498     </canvas>
499     <canvas id="layer58" style="z-index: 58; position:
500         absolute; left:0px; top:0px;" height="250px" width=
501         "1260">
502
503     </canvas>
504     <canvas id="layer59" style="z-index: 59; position:
505         absolute; left:0px; top:0px;" height="250px" width=
506         "1260">
507
508     </canvas>
509     <canvas id="layer60" style="z-index: 60; position:
510         absolute; left:0px; top:0px;" height="250px" width=
511         "1260">
512
513     </canvas>
514     <canvas id="layer61" style="z-index: 61; position:
515         absolute; left:0px; top:0px;" height="250px" width=
516         "1261">
517
518     </canvas>
519     <canvas id="layer62" style="z-index: 62; position:
520         absolute; left:0px; top:0px;" height="250px" width=
521         "1262">
522
523     </canvas>
524     <div id="cavasesdiv3" style="position:relative; width
525         :1260px; height:70px; border: solid 1px #D9D9D9;"
526         >
527     <canvas id="layer64" style="z-index: 64; position:
528         absolute; left:0px; top:0;" height="70" width="1260
529         px">
530
531     </canvas>
532     <canvas id="layer66" style="z-index: 64; position:
533         absolute; left:0px; top:0;" height="70" width="1260
534         px">
535
536     </canvas>
537     <canvas id="layer68" style="z-index: 64; position:
538         absolute; left:0px; top:0;" height="70" width="1260
539         px">
540
541     </canvas>
542     <table class="toothAlign1" >
543     <tr>
544     <td><a href = "javascript:void(0)" onclick = "toothclick
545         (48)">48</a></td>
546     <td><a href = "javascript:void(0)" onclick = "toothclick
547         (47)">47</a></td>
548     <td><a href = "javascript:void(0)" onclick = "toothclick
549         (46)">46</a></td>
550     <td><a href = "javascript:void(0)" onclick = "toothclick
551         (45)">45</a></td>
552     <td><a href = "javascript:void(0)" onclick = "toothclick
553         (44)">44</a></td>
554     <td><a href = "javascript:void(0)" onclick = "toothclick
555         (43)">43</a></td>
556     <td><a href = "javascript:void(0)" onclick = "toothclick
557         (42)">42</a></td>
558     <td><a href = "javascript:void(0)" onclick = "toothclick
559         (41)">41</a></td>
560     <td><a href = "javascript:void(0)" onclick = "toothclick
561         (31)">31</a></td>
562     <td><a href = "javascript:void(0)" onclick = "toothclick
563         (32)">32</a></td>
564     <td><a href = "javascript:void(0)" onclick = "toothclick
565         (33)">33</a></td>
566     <td><a href = "javascript:void(0)" onclick = "toothclick
567         (34)">34</a></td>
568     <td><a href = "javascript:void(0)" onclick = "toothclick
569         (35)">35</a></td>
570     <td><a href = "javascript:void(0)" onclick = "toothclick
571         (36)">36</a></td>
572     <td><a href = "javascript:void(0)" onclick = "toothclick
573         (37)">37</a></td>
574     <td><a href = "javascript:void(0)" onclick = "toothclick
575         (38)">38</a></td>
576     </tr>
577     </table>
578     Tooth
579     <br/><br/>
580     <font size="2"><a href="javascript:void(0)" onclick="
581         services()" class="button" style="text-decoration:
582         none; color:#1aac9b;">Other Services| </a></font

```



```

623 <a href = 'javascript:void(0)' onclick = 'cancelcond(".$tn
624 <br><input type='checkbox' name='dentalStatus' value='
        "$tn." id='dentalStatus".$tn.'" onclick='
        hideAllTooth()'";
625 if($recordexist){
626 if(in_array($tn, $discaries) || in_array($tn, $mesaries)
        || in_array($tn, $incaries) || in_array($tn,
        $buccaries) || in_array($tn, $occcaries) ||
        in_array($tn, $disrecurrent) || in_array($tn,
        $mesrecurrent) || in_array($tn, $linrecurrent) ||
        in_array($tn, $bucrecurrent) || in_array($tn,
        $occrecurrent) || in_array($tn, $disrestoration) ||
        in_array($tn, $mesrestoration) || in_array($tn,
        $linrestoration) || in_array($tn, $bucrestoration)
        || in_array($tn, $occrestoration)) echo "checked";
627 }
628 echo "><b>Dental Status</b><br/>
629 <div id='dentalstatussurface".$tn.'" style='display:none
        ;'><table><tr><td></td><td><input type='
        checkbox' name='caries' value="" $tn.'" id='caries'.
        $tn.'" onclick='hideOtherCaries()'";
630 if($recordexist){
631 if(in_array($tn, $discaries) || in_array($tn, $mesaries)
        || in_array($tn, $incaries) || in_array($tn,
        $buccaries) || in_array($tn, $occcaries)) echo "
        checked";
632 }
633 }
634 echo "></td><td>Caries</td>
635 <td><input type='checkbox' name='recurrentcaries' value
        ="" $tn.'" id='recurrentcaries".$tn.'" onclick='
        hideOtherRecurrent()'";
636 if($recordexist){
637 if(in_array($tn, $disrecurrent) || in_array($tn,
        $mesrecurrent) || in_array($tn, $linrecurrent) ||
        in_array($tn, $bucrecurrent) || in_array($tn,
        $occrecurrent)) echo "checked";
638 }
639 }
640 echo "></td><td>Reccurent</td>
641 <td><input type='checkbox' name='restoration' value=""
        $tn.'" id='restoration".$tn.'" onclick='
        hideOtherRestoration()'";
642 if($recordexist){if(in_array($tn, $disrestoration) ||
        in_array($tn, $mesrestoration) || in_array($tn,
        $linrestoration) || in_array($tn, $bucrestoration) ||
        in_array($tn, $occrestoration)) echo "checked";}
643 }
644 echo "></td><td>Restoration</td>
645 </tr>
646 }
647 }
648 <tr><td>Mesial</td><td><div id='caries_surfaces".$tn.
        "mesial' style='display:none;'><input type='
        checkbox' name='mesialcaries[]' value="" $tn.'" id='
        mesial".$tn.'" onclick='showvar("\mesial\" +
        cariesSelectSurfaceid,mesialformid);
        drawConditionMini("\caries\", \"mesial\", ".$tn.") "'
        ;
649 if($recordexist && in_array($tn, $mesaries)) echo "
        checked";
650 }
651 echo "></div></td>
652 <td><div id='mesialcariesSelectSurface".$tn.'" style='
        display:none;'><select name='selectCariesMesial[]'
        id='mesialcariesSelect".$tn.'">";
653 echo "<option value="" $tn.'"></option><option value='
        restorable".$tn.'" ";
654 if($recordexist && in_array("restorable".$tn,
        $mesresaries)) echo "selected";
655 }
656 echo "> O </option><option value='nonrestorable".$tn.'"
        ";
657 if($recordexist && in_array("nonrestorable".$tn,
        $mesresaries)) echo "selected";
658 }
659 echo "> / </option>
660 </select></div></td>
661 <td><div id='recurrent_surfaces".$tn.'" mesial' style='
        display:none;'><input type='checkbox' name='
        mesialrecurrent[]' value="" $tn.'" id='remesial".$tn.
        "' onclick='showvar("\mesial\" +
        recurrentSelectSurfaceid,remesialformid);
        drawConditionMini("\recurrent\", \"mesial\", ".$tn.
        ") "'";
662 if($recordexist && in_array($tn, $mesrecurrent)) echo "
        checked";
663 }
664 echo "></div></td>
665 <td><div id='mesialrecurrentSelectSurface".$tn.'" style
        ='display:none;'><select name='
        selectRecurrentMesial[]' id='mesialrecurrentSelect".
        $tn.'">
666 <option value="" $tn.'"></option><option value='
        restorable".$tn.'" ";
667 if($recordexist && in_array("restorable".$tn,
        $mesresrecurrent)) echo "selected";
668 }
669 echo "> O </option>
670 <option value='nonrestorable".$tn.'" ";
671 if($recordexist && in_array("nonrestorable".$tn,
        $mesresrecurrent)) echo "selected";
672 }
673 echo "> / </option>
674 </select></div></td>
675 <td><div id='restoration_surfaces".$tn.'" mesial' style='
        display:none;'><input type='checkbox' name='
        mesialrestoration[]' value="" $tn.'" id='restomesial".
        $tn.'" onclick='showvar("\mesial\" +
        restoreSelectSurfaceid,restomesialformid);
        drawConditionMini("\restoration\", \"mesial\", ".$tn.
        ") "'";
676 if($recordexist && in_array($tn, $mesrestoration)) echo
        "checked";
677 }
678 echo "></div></td><td><div id='
        mesialrestoreSelectSurface".$tn.'" style='display:none
        ;'><select name='selectRestorationMesial[]' id='
        mesialrestoreTypeSelect".$tn.'">
679 <option value="" $tn.'"></option>
680 <option value='AM".$tn.'" ";
681 if($recordexist && in_array("AM".$tn,
        $mesresrestoration)) echo "selected";
682 }
683 echo ">AM</option>
684 <option value='CO".$tn.'" ";
685 if($recordexist && in_array("CO".$tn, $mesresrestoration
        )) echo "selected";
686 }
687 echo ">CO</option>
688 <option value='GI".$tn.'" ";
689 if($recordexist && in_array("GI".$tn, $mesresrestoration
        )) echo "selected";
690 }
691 echo ">GI</option>
692 <option value='TF".$tn.'" ";
693 if($recordexist && in_array("TF".$tn, $mesresrestoration
        )) echo "selected";
694 }
695 echo ">TF</option>
696 </select></div></td></tr>
697 }
698 }
699 }
700 <tr><td>Distal</td><td><div id='caries_surfaces".$tn.
        "distal' style='display:none;'><input type='
        checkbox' name='distalcaries[]' value="" $tn.'" id='
        distal".$tn.'" onclick='showvar("\distal\" +
        cariesSelectSurfaceid,distalformid);
        drawConditionMini("\caries\", \"distal\", ".$tn.'" )
        ";
701 if($recordexist && in_array($tn, $discaries)) echo "
        checked";
702 }
703 echo "></div></td>
704 <td><div id='distalcariesSelectSurface".$tn.'" style='
        display:none;'>
705 <select name='selectCariesDistal[]' id=' distalcariesSelect
        ".$tn.'">
706 <option value="" $tn.'"></option>
707 <option value='restorable".$tn.'" ";
708 if($recordexist && in_array("restorable".$tn,
        $disresaries)) echo "selected";
709 }
710 echo "> O </option>
711 <option value='nonrestorable".$tn.'" ";
712 if($recordexist && in_array("nonrestorable".$tn,
        $disresaries)) echo "selected";
713 }
714 echo "> / </option>
715 </select></div></td>
716 <td><div id='recurrent_surfaces".$tn.'" distal' style='
        display:none;'><input type='checkbox' name='
        distalrecurrent[]' value="" $tn.'" id='redistal".$tn.'"
        onclick='showvar("\distal\" +
        recurrentSelectSurfaceid,redistalformid);
        drawConditionMini("\recurrent\", \"distal\", ".$tn.
        ") "'";
717 if($recordexist && in_array($tn, $disrecurrent)) echo "
        checked";
718 }
719 echo "></div></td>
720 <td><div id='distalrecurrentSelectSurface".$tn.'" style='
        display:none;'>
721 <select name='selectRecurrentDistal[]' id='
        distalrecurrentSelect".$tn.'">
722 <option value="" $tn.'"></option>
723 <option value='restorable".$tn.'" ";
724 if($recordexist && in_array("restorable".$tn,
        $disresrecurrent)) echo "selected";
725 }
726 echo "> O </option>
727 <option value='nonrestorable".$tn.'" ";
728 if($recordexist && in_array("nonrestorable".$tn,
        $disresrecurrent)) echo "selected";
729 }
730 echo "> / </option>

```

```

731 </select></div></td>
732 <td><div id='restoration_surfaces'. $tn.' distal' style='
display:none;'><input type='checkbox' name='
distalrestoration[]' value='". $tn.'" id='restodistal'.
$tn.'" onclick='showvar("\ distal\ " +
restoreSelectSurfaceid,restodistalformid);
drawConditionMini("\ restoration\ ", "\ distal\ ", ".
$tn.'" ' ";
733 if($recordexist && in_array($tn, $disrestoration)) echo "
checked";
734
735 echo " /></div></td><td><div id='
distalrestoreSelectSurface". $tn.'" style='display:none
;'><select name='selectRestorationDistal[]' id='
distalrestoreTypeSelect". $tn.'">
736 <option value='". $tn.'"></option>
737 <option value='AM". $tn.'" ;
738 if($recordexist && in_array("AM". $tn, $disrestoration
)) echo "selected";
739
740 echo ">AM</option>
741 <option value='CO". $tn.'" ;
742 if($recordexist && in_array("CO". $tn, $disrestoration)
) echo "selected";
743
744 echo ">CO</option>
745 <option value='GI". $tn.'" ;
746 if($recordexist && in_array("GI". $tn, $disrestoration))
echo "selected";
747
748 echo ">GI</option>
749 <option value='TF". $tn.'" ;
750 if($recordexist && in_array("TF". $tn, $disrestoration)
) echo "selected";
751
752 echo ">TF</option>
753 </select></div></td></tr>
754
755
756
757 <tr><td>Occlusal</td><td><div id='caries_surfaces".
$tn.'"occlusal' style='display:none;'><input type='
checkbox' name='occlusalcaries[]' value='". $tn.'" id
='occlusal". $tn.'" onclick='showvar("\ occlusal\ " +
cariesSelectSurfaceid,occlusalformid);
drawConditionMini("\ caries\ ", "\ occlusal\ ", ". $tn.'"
) ' ";
758 if($recordexist && in_array($tn, $occlusalcaries)) echo "
checked";
759
760 echo " /></div></td>
761 <td><div id='occlusalcariesSelectSurface". $tn.'" style='
display:none;'>
762 <select name='selectCariesOcclusal[]' id='
occlusalcariesSelect". $tn.'">
763 <option value='". $tn.'"></option>
764 <option value='restorable". $tn.'" ;
765 if($recordexist && in_array("restorable". $tn,
$occlusalcaries)) echo "selected";
766
767 echo "> O </option>
768 <option value='nonrestorable". $tn.'" ;
769 if($recordexist && in_array("nonrestorable". $tn,
$occlusalcaries)) echo "selected";
770
771 echo "> / </option>
772 </select></div></td>
773 <td><div id='recurrent_surfaces". $tn.'"occlusal' style='
display:none;'><input type='checkbox' name='
occlusalrecurrent[]' value='". $tn.'" id='reocclusal".
$tn.'" onclick='showvar("\ occlusal\ " +
recurrentSelectSurfaceid,reocclusalformid);
drawConditionMini("\ recurrent\ ", "\ occlusal\ ", ".
$tn.'" ' ";
774 if($recordexist && in_array($tn, $occlusalrecurrent)) echo "
checked";
775
776 echo " /></div></td>
777 <td><div id='occlusalrecurrentSelectSurface". $tn.'" style
='display:none;'>
778 <select name='selectRecurrentOcclusal[]' id='
occlusalrecurrentSelect". $tn.'">
779 <option value='". $tn.'"></option><option value='
restorable". $tn.'" ;
780 if($recordexist && in_array("restorable". $tn,
$occlusalrecurrent)) echo "selected";
781
782 echo "> O </option>
783 <option value='nonrestorable". $tn.'" ;
784 if($recordexist && in_array("nonrestorable". $tn,
$occlusalrecurrent)) echo "selected";
785
786 echo "> / </option>
787 </select></div></td>
788 <td><div id='restoration_surfaces". $tn.'"occlusal' style='
display:none;'><input type='checkbox' name='
occlusalrestoration[]' value='". $tn.'" id='
restoocclusal". $tn.'" onclick='showvar("\ occlusal
\ " + restoreSelectSurfaceid,restoocclusalformid);
drawConditionMini("\ restoration\ ", "\ occlusal\ ", ".
$tn.'" ' ";
789 if($recordexist && in_array($tn, $occlusalrestoration)) echo "
checked";
790
791 echo " /></div></td><td><div id='
occlusalrestoreSelectSurface". $tn.'" style='display:
none;'><select name='selectRestorationOcclusal[]' id
='occlusalrestoreTypeSelect". $tn.'">
792 <option value='". $tn.'"></option>
793 <option value='AM". $tn.'" ;
794 if($recordexist && in_array("AM". $tn, $occlusalrestoration
)) echo "selected";
795
796 echo ">AM</option>
797 <option value='CO". $tn.'" ;
798 if($recordexist && in_array("CO". $tn, $occlusalrestoration
)) echo "selected";
799
800 echo ">CO</option>
801 <option value='GI". $tn.'" ;
802 if($recordexist && in_array("GI". $tn, $occlusalrestoration)
) echo "selected";
803
804 echo ">GI</option>
805 <option value='TF". $tn.'" ;
806 if($recordexist && in_array("TF". $tn, $occlusalrestoration)
) echo "selected";
807
808 echo ">TF</option>
809
810 </select></div></td></tr>
811
812
813
814
815 <tr><td>Buccal</td><td><div id='caries_surfaces". $tn.'"
buccal' style='display:none;'><input type='
checkbox' name='buccalcaries[]' value='". $tn.'" id='
buccal". $tn.'" onclick='showvar("\ buccal\ " +
cariesSelectSurfaceid,buccalformid);
drawConditionMini("\ caries\ ", "\ buccal\ ", ". $tn.'" ) ' ";
816 if($recordexist && in_array($tn, $buccalcaries)) echo "
checked";
817
818 echo " /></div></td><td><div id='
buccalcariesSelectSurface". $tn.'" style='display:none
;'><select name='selectCariesBuccal[]' id='
buccalcariesSelect". $tn.'"><option value='". $tn.'"
'></option>
819 <option value='restorable". $tn.'" ;
820 if($recordexist && in_array("restorable". $tn,
$buccalcaries)) echo "selected";
821
822 echo "> O </option>
823 <option value='nonrestorable". $tn.'" ;
824 if($recordexist && in_array("nonrestorable". $tn,
$buccalcaries)) echo "selected";
825
826 echo "> / </option>
827 </select></div></td>
828 <td><div id='recurrent_surfaces". $tn.'" buccal' style='
display:none;'><input type='checkbox' name='
buccalrecurrent[]' value='". $tn.'" id='rebuccal". $tn.'"
onclick='showvar("\ buccal\ " +
recurrentSelectSurfaceid,rebuccalformid);
drawConditionMini("\ recurrent\ ", "\ buccal\ ", ". $tn.'"
) ' ";
829 if($recordexist && in_array($tn, $buccalrecurrent)) echo "
checked";
830
831 echo " /></div></td>
832 <td><div id='buccalrecurrentSelectSurface". $tn.'" style
='display:none;'>
833 <select name='selectRecurrentBuccal[]' id='
buccalrecurrentSelect". $tn.'">
834 <option value='". $tn.'"></option>
835 <option value='restorable". $tn.'" ;
836 if($recordexist && in_array("restorable". $tn,
$buccalrecurrent)) echo "selected";
837
838 echo "> O </option>
839 <option value='nonrestorable". $tn.'" ;
840 if($recordexist && in_array("nonrestorable". $tn,
$buccalrecurrent)) echo "selected";
841
842 echo "> / </option>
843 </select></div></td>
844 <td><div id='restoration_surfaces". $tn.'" buccal' style='
display:none;'><input type='checkbox' name='
buccalrestoration[]' value='". $tn.'" id='restobuccal".
$tn.'" onclick='showvar("\ buccal\ " +
restoreSelectSurfaceid,restobuccalformid);
drawConditionMini("\ restoration\ ", "\ buccal\ ", ".
$tn.'" ' ";
845 if($recordexist && in_array($tn, $buccalrestoration)) echo "
checked";
846

```



```

1113 <input type='checkbox' name='bridgeservice[]' id='
1114 bridgeservice". $tn."' value="" $tn."' ;
1115 if($recordexist && in_array($tn, $bs)) echo "checked";
1116 echo ">Bridge
1117 <br/><br/>
1118 <u> Endodontics </u><br/>
1119 <input type='checkbox' name='anterior[]' id='anterior".
1120 $tn."' value="" $tn."' ;
1121 if($recordexist && in_array($tn, $ant)) echo "checked";
1122 echo ">Anterior
1123 <input type='checkbox' name='posterior[]' id='posterior
1124 ". $tn."' value="" $tn."' ;
1125 if($recordexist && in_array($tn, $pos)) echo "checked";
1126 echo ">Posterior
1127 <input type='checkbox' name='otherendodontics[]' id='
1128 otherendodontics". $tn."' value="" $tn."' ;
1129 if($recordexist && in_array($tn, $or)) echo "checked";
1130 echo ">Others (Endosurgery, Bleaching, etc.)
1131 <br/><br/>
1132 <hr>
1133 <a href = 'javascript:void(0)' onclick = 'submitcond()
1134 'Submit</a>
1135 <a href = 'javascript:void(0)' onclick = 'document.
1136 getElementById(\"light\".$tn.\" \").style.display=\
1137 none\";document.getElementById(\"fade\".$tn.\" \")
1138 .style.display=\\"none\">Cancel</a>
1139 }
1140 }
1141 ?>
1142 <div id="serviceslight" class="white_content">
1143 <font size = "2">
1144 <b>Other Services</b><br/>
1145 <hr>
1146 <u>Periodontics</u><br/>
1147 <input type="checkbox" name="periodontics" id="
1148 periodontics" value="Yes" <?php if($recordexist
1149 && $perio == "Yes") echo "checked"; ?>>
1150 Management of Periodontal Disease
1151 <br/><br/>
1152 <u> Surgery </u><br/>
1153 <input type="checkbox" name="surgery[]" id="
1154 pedodontics" value="pedodontics" <?php if(
1155 $recordexist && $pedo == "Yes") echo "checked";
1156 ?>>Pedodontics <br/>
1157 <input type="checkbox" name="surgery[]" id="
1158 orthodontics" value="orthodontics" <?php if(
1159 $recordexist && $ortho == "Yes") echo "checked";
1160 ?>>Orthodontics
1161 <br/><br/>
1162 <u> Emergency Treatment </u><br/>
1163 <input type="checkbox" name="emergencytreatment[]"
1164 id="acuteinfections" value="acute infections" <?
1165 php if($recordexist && $acute == "Yes") echo "
1166 checked"; ?>>Management of Acute Infections <br
1167 />
1168 <input type="checkbox" name="emergencytreatment[]"
1169 id="traumaticinjuries" value="traumatic injuries"
1170 <?php if($recordexist && $traumatic == "Yes")
1171 echo "checked"; ?>>Management of Temporary
1172 Injuries
1173 <br/><br/>
1174 <u> Prosthodontics </u><br/>
1175 <input type="checkbox" name="prosthodontics[]" id="
1176 completedent" value="complete denture" <?php if(
1177 $recordexist && $compdent == "Yes") echo "
1178 checked"; ?>>Complete Denture<br/>
1179 <input type="checkbox" name="prosthodontics[]" id="
1180 singledent" value="single denture" <?php if(
1181 $recordexist && $singdent == "Yes") echo "
1182 checked"; ?>>Single Denture<br/>
1183 <input type="checkbox" name="prosthodontics[]" id="
1184 removedent" value="removable partial" <?php if(
1185 $recordexist && $rempardent == "Yes") echo "
1186 checked"; ?>>Removable Partial Denture<br/>
1187 <input type="checkbox" name="prosthodontics[]" id="
1188 otherss" value="others" <?php if($recordexist &&
1189 $othdent == "Yes") echo "checked"; ?>>Other
1190 Denture Services
1191 <br/><br/>
1192 <hr>
1193 <a href = "javascript:void(0)" onclick = "document.
1194 getElementById('serviceslight').style.display='none';
1195 document.getElementById('servicesfade').style.
1196 display='none'">Done</a>
1197 </font>
1198 </div>
1199 <div id="servicesfade" class="black_overlay"></div>
1200
1201 <div id="noteslight" class="white_content">
1202 <font size = "2">
1203 <b>Notes</b><br/>
1204 <hr>
1205 <textarea name="notes" rows="6" cols="100" ><?php if
1206 ($recordexist) echo $notes; ?></textarea>
1207 <br/><br/>
1208 <hr>
1209 <a href = "javascript:void(0)" onclick = "document.
1210 getElementById('noteslight').style.display='none';
1211 document.getElementById('notesfade').style.display
1212 = 'none'">Submit</a>
1213 <a href = "javascript:void(0)" onclick = "document.
1214 getElementById('noteslight').style.display='none';
1215 document.getElementById('notesfade').style.display
1216 = 'none'">Cancel</a>
1217 </font>
1218 </div>
1219 <div id="neededlight" class="white_content">
1220 <b>Service Needed Summary</b>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&||&nbsp;&nbsp;&nbsp;&
1221 ;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&
1222 <a href = "javascript:void(0)" onclick = "
1223 clearneeded_service();">Cancel</a>
1224
1225 <table>
1226 <tr>
1227 <td>
1228 <u><div id="periodonticsdiv"></div></u>
1229 <div id="periodiv"></div>
1230 </td>
1231 <td>
1232 <u><div id="emergencytreatmentdiv"></div></u>
1233 <div id="pulsedationdiv"></div>
1234 <div id="crownrecementationdiv"></div>
1235 <div id="fillingservicediv"></div>
1236 <div id="acuteinfectionsdiv"></div>
1237 <div id="traumaticdiv"></div>
1238 </td>
1239 <td>
1240 <u><div id="operativedentistrydiv"></div></u>
1241 <div id="class1div"></div>
1242 <div id="class2div"></div>
1243 <div id="class3div"></div>
1244 <div id="class4div"></div>
1245 <div id="class5div"></div>
1246 <div id="onlaydiv"></div>
1247 </td>
1248 <td>
1249 <u><div id="fixedpartialdenturediv"></div></u>
1250 <div id="laminateddiv"></div>
1251 <div id="singlecrowndiv"></div>
1252 <div id="bridgeservicediv"></div>
1253 <br/>
1254 <u><div id="endodonticsdiv"></div></u>
1255 <div id="anteriordiv"></div>
1256 <div id="posteriordiv"></div>
1257 <div id="othersdiv"></div>
1258 </td>
1259 <td>
1260 <u><div id="surgerydiv"></div></u>
1261 <div id="extractiondiv"></div>
1262 <div id="odontectomydiv"></div>
1263 <div id="specialcasediv"></div>
1264 <div id="pedonticsdiv"></div>
1265 <div id="orthodonticsdiv"></div>
1266 </td>
1267 <td>
1268 <u><div id="prosthodonticsdiv"></div></u>
1269 <div id="completedentdiv"></div>
1270 <div id="singledentdiv"></div>
1271 <div id="removedentdiv"></div>
1272 <div id="otherssdiv"></div>
1273 </td>
1274 </tr>
1275 </table>
1276 </div>
1277 <center><vr><input value="Submit" type="submit"
1278 ></center>
1279 <script type="text/javascript"> init(65, 65, 627);
1280 </script>

```

1259
1260
1261
1262
1263
1264
1265

```
<br/> <br/>  
</div>
```

Listing 79: dentalchartreadon-lyview.php

```
1 <?php  
2 include('header.php');  
3 //include('navigation.php');  
4  
5 echo "<link rel='stylesheet' type='text/css' href='  
6 ".base_url()."css/style.css'>";  
7 echo "<script type='text/javascript' src='".base_url().  
8 "js/dynamic.js"></script>";  
9 echo "<script type='text/javascript' src='".base_url().  
10 "js/patientdb.js"></script>";  
11 echo "<script type='text/javascript' src='".base_url().  
12 "js/dentalchartscripts.js"></script>";  
13 echo "<script type='text/javascript' src='".base_url().  
14 "js/test.js"></script>";  
15  
16 >?  
17 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0  
18 Transitional//EN" "http://www.w3.org/TR/xhtml1  
19 /DTD/xhtml1-transitional.dtd">  
20 <html xmlns="http://www.w3.org/1999/xhtml">  
21 <head>  
22 <link href="<?php echo base_url(); ?>css/ui-lightness/  
23 jquery-ui-1.10.3.custom.css" rel="stylesheet">  
24 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js  
25 "></script>  
26 <script src="<?php echo base_url(); ?>js/jquery-ui  
27 -1.10.3.custom.js"></script>  
28  
29 <?php  
30 $session_data = $this->session->userdata('logged_in');  
31 $sect = $session_data['section'];  
32 $section = "";  
33 foreach($sect as $row){  
34 if($row != "System Maintenance"){  
35 $section = $row;  
36 break;  
37 }  
38 }  
39 >?  
40 <title>Dental Chart - <?php echo $section; ?></title  
41 >  
42 <link rel="shortcut icon" href="<?php echo base_url();  
43 ?>images/upcd-20140224-favicon.ico">  
44 <style type="text/css">  
45 </style>  
46 </head>  
47 <?php  
48 $session_data = $this->session->userdata('logged_in');  
49 $username = $session_data['username'];  
50  
51 $session_data2 = $this->session->userdata('has_error');  
52 $invalid_input = $session_data2['invalid_input'];  
53  
54 if($recordexist){  
55 foreach($info as $row){  
56 //caries  
57 $discar = $row['distal_caries'];  
58 $buccar = $row['buccal_caries'];  
59 $lincar = $row['lingual_caries'];  
60 $mescar = $row['mesial_caries'];  
61 $occcar = $row['occlusal_caries'];  
62 $disrescar = $row['distal_restorable_caries'];  
63 $bucrescar = $row['buccal_restorable_caries'];  
64 $linrescar = $row['lingual_restorable_caries'];  
65 $mesrescar = $row['mesial_restorable_caries'];  
66 $occcrescar = $row['occlusal_restorable_caries'];  
67  
68 $discaries = explode(" ", $discar);  
69 $buccaries = explode(" ", $buccar);  
70 $lincaries = explode(" ", $lincar);  
71 $mesaries = explode(" ", $mescar);  
72 $occcaries = explode(" ", $occcar);  
73 $disresaries = explode(" ", $disrescar);  
74 $bucresaries = explode(" ", $bucrescar);  
75 $linresaries = explode(" ", $linrescar);  
76 $mesresaries = explode(" ", $mesrescar);  
77 $occcresaries = explode(" ", $occcrescar);  
78  
79 //recurrent  
80 $disrec = $row['distal_recurrent'];  
81 $bucrec = $row['buccal_recurrent'];  
82 $linrec = $row['lingual_recurrent'];
```

1266 </form>
1267 </div>
1268 </div>
1269
1270 </body>
1271 </html>

```
83 $mesrec = $row['mesial_recurrent'];  
84 $occcrec = $row['occlusal_recurrent'];  
85 $disresrec = $row['distal_restorable_recurrent'];  
86 $bucresrec = $row['buccal_restorable_recurrent'];  
87 $linresrec = $row['lingual_restorable_recurrent'];  
88 $mesresrec = $row['mesial_restorable_recurrent'];  
89 $occcresrec = $row['occlusal_restorable_recurrent'];  
90  
91 $disrecurrent = explode(" ", $disrec);  
92 $bucrecurrent = explode(" ", $bucrec);  
93 $linrecurrent = explode(" ", $linrec);  
94 $mesrecurrent = explode(" ", $mesrec);  
95 $occcrecurrent = explode(" ", $occcrec);  
96 $disresrecurrent = explode(" ", $disresrec);  
97 $bucresrecurrent = explode(" ", $bucresrec);  
98 $linresrecurrent = explode(" ", $linresrec);  
99 $mesresrecurrent = explode(" ", $mesresrec);  
100 $occcresrecurrent = explode(" ", $occcresrec);  
101  
102 //restoration  
103 $disres = $row['distal_restoration'];  
104 $bucres = $row['buccal_restoration'];  
105 $linres = $row['lingual_restoration'];  
106 $mesres = $row['mesial_restoration'];  
107 $occcres = $row['occlusal_restoration'];  
108 $disresres = $row['distal_restorable_restoration'];  
109 $bucresres = $row['buccal_restorable_restoration'];  
110 $linresres = $row['lingual_restorable_restoration'];  
111 $mesresres = $row['mesial_restorable_restoration'];  
112 $occcresres = $row['occlusal_restorable_restoration'];  
113  
114 $disrestoration = explode(" ", $disres);  
115 $bucrestoration = explode(" ", $bucres);  
116 $linrestoration = explode(" ", $linres);  
117 $mesrestoration = explode(" ", $mesres);  
118 $occcrestoration = explode(" ", $occcres);  
119 $disresrestoration = explode(" ", $disresres);  
120 $bucresrestoration = explode(" ", $bucresres);  
121 $linresrestoration = explode(" ", $linresres);  
122 $mesresrestoration = explode(" ", $mesresres);  
123 $occcresrestoration = explode(" ", $occcresres);  
124  
125 //serviceneeded  
126 $class1 = $row['class1'];  
127 $class2 = $row['class2'];  
128 $class3 = $row['class3'];  
129 $class4 = $row['class4'];  
130 $class5 = $row['class5'];  
131 $onlay = $row['onlay'];  
132 $extraction = $row['extraction'];  
133 $odontectomy = $row['odontectomy'];  
134 $special_case = $row['special_case'];  
135 $pulp_sedation = $row['pulp_sedation'];  
136 $crown_recementation = $row['crown_recementation'];  
137 $filling_service = $row['filling_service'];  
138 $laminated = $row['laminated'];  
139 $single_crown = $row['single_crown'];  
140 $bridge_service = $row['bridge_service'];  
141 $anterior = $row['anterior'];  
142 $posterior = $row['posterior'];  
143 $orthoendo = $row['orthoendo'];  
144  
145 $c1 = explode(" ", $class1);  
146 $c2 = explode(" ", $class2);  
147 $c3 = explode(" ", $class3);  
148 $c4 = explode(" ", $class4);  
149 $c5 = explode(" ", $class5);  
150 $ol = explode(" ", $onlay);  
151 $ex = explode(" ", $extraction);  
152 $od = explode(" ", $odontectomy);  
153 $sc = explode(" ", $special_case);  
154 $ps = explode(" ", $pulp_sedation);  
155 $cr = explode(" ", $crown_recementation);  
156 $fs = explode(" ", $filling_service);  
157 $la = explode(" ", $laminated);  
158 $scr = explode(" ", $single_crown);  
159 $bs = explode(" ", $bridge_service);  
160 $ant = explode(" ", $anterior);  
161 $pos = explode(" ", $posterior);  
162 $or = explode(" ", $orthoendo);  
163  
164 //dental chart  
165 $partialdenture = $row['removable_partial_denture'];  
166 $extru = $row['extrusion'];  
167 $intru = $row['intrusion'];  
168 $mesrot = $row['mesial_rotation'];  
169 $disrot = $row['distal_rotation'];  
170 $rot = $row['rotation'];  
171 $postcore = $row['postcore_crown'];  
172 $root = $row['rootcanal_treatment'];
```

```

165 $pit = $row['pitfissure_sealants'];
166 $extra = $row['extracted'];
167 $miss = $row['missing'];
168 $erup = $row['unerupted'];
169 $impac = $row['impacted'];
170 $porcr = $row['porcelain_crown'];
171 $acrccr = $row['acrylic_crown'];
172 $metcr = $row['metal_crown'];
173 $porin = $row['porcelain_fused'];
174 $fixed = $row['fixed_bridge'];
175
176 $partialdentures = explode(" ", $partialdenture);
177 $extrus = explode(" ", $extru);
178 $intrus = explode(" ", $intru);
179 $mesrots = explode(" ", $mesrot);
180 $disrots = explode(" ", $disrot);
181 $rots = explode(" ", $rot);
182 $postcores = explode(" ", $postcore);
183 $roots = explode(" ", $root);
184 $pits = explode(" ", $pit);
185 $extras = explode(" ", $extra);
186 $misss = explode(" ", $miss);
187 $erups = explode(" ", $erup);
188 $impacs = explode(" ", $impac);
189 $porcrs = explode(" ", $porcr);
190 $acrccrs = explode(" ", $acrccr);
191 $metcrs = explode(" ", $metcr);
192 $porins = explode(" ", $porin);
193 $fixeds = explode(" ", $fixed);
194
195 // otherservices
196 $perio = $row['periodontics'];
197 $pedo = $row['pedodontics'];
198 $ortho = $row['orthodontics'];
199 $acute = $row['acuteinfections'];
200 $traumatic = $row['traumaticinjuries'];
201 $compend = $row['completedenture'];
202 $singdent = $row['singledenture'];
203 $rempartial = $row['removablepartialdenture'];
204 $othdent = $row['otherdenture'];
205 $notes = $row['dentalnotes'];
206
207 //dentures
208 $dentcomp = $row['complete_denture'];
209 $dentup = $row['upper_denture'];
210 $dentlow = $row['lower_denture'];
211 }
212 }
213 ?>
214 <body>
215 <br>
216 <div style="position:absolute; border: 2px #7F00FF solid;
border-top-left-radius:12px; border-top-right-
radius:12px;">
217
218 <?php include('patient_header.php'); ?>
219
220 <div id="Content_Area" >
221
222 <form id="ADDDENTALCHART" name="
ADDDENTALCHART" action="<?php echo base_url
();?>index.php/verifyaddentalchart" method="post
">
223
224 <center><a href="<?php echo base_url();?>index.php/
loaddashboard/patientdb/<?php echo $id; ?>">
Dashboard </a> &nbsp;  <a href="<?php echo
base_url();?>index.php/viewdentalchartversions">
View Versions </a><br><br></center><br><br>
225
226 <div class="validationexc" style="display: <?php if($this
->session->userdata('has_error')) echo 'block'; else
'none' ?>";>
227
228 <?php $session_data = $this->session->userdata('
has_error');
229 <?php echo $session_data['error'];>
230 ?>
231 </div>
232
233 <?php if($forapproval) echo "<h4 style='color:red;' align
='center'>This patient's record is currently subject
for approval.</h4>";
234 <?php elseif($private) echo "<h4 style='color:red;' align='
center'>This patient's record is under other
clinician's supervision.</h4>"; ?>
235
236
237 <div class="tempDent">
238 <h3>Patient: </h3>
239
240
241 <input type="hidden" name="patient_id" value="{
patient_id}" />
242 <input type="hidden" name="version" value="{
version}" />
243 <input type="hidden" name="is_current" value="{
is_current}" />
244
245 Tooth
246 <table class="toothAlign1">
247 <tr>
248
249 <td><a href = "javascript:void(0)" onclick = "toothclick
(18)">18</a></td>
250 <td><a href = "javascript:void(0)" onclick = "toothclick
(17)">17</a></td>
251 <td><a href = "javascript:void(0)" onclick = "toothclick
(16)">16</a></td>
252 <td><a href = "javascript:void(0)" onclick = "toothclick
(15)">15</a></td>
253 <td><a href = "javascript:void(0)" onclick = "toothclick
(14)">14</a></td>
254 <td><a href = "javascript:void(0)" onclick = "toothclick
(13)">13</a></td>
255 <td><a href = "javascript:void(0)" onclick = "toothclick
(12)">12</a></td>
256 <td><a href = "javascript:void(0)" onclick = "toothclick
(11)">11</a></td>
257 <td><a href = "javascript:void(0)" onclick = "toothclick
(21)">21</a></td>
258 <td><a href = "javascript:void(0)" onclick = "toothclick
(22)">22</a></td>
259 <td><a href = "javascript:void(0)" onclick = "toothclick
(23)">23</a></td>
260 <td><a href = "javascript:void(0)" onclick = "toothclick
(24)">24</a></td>
261 <td><a href = "javascript:void(0)" onclick = "toothclick
(25)">25</a></td>
262 <td><a href = "javascript:void(0)" onclick = "toothclick
(26)">26</a></td>
263 <td><a href = "javascript:void(0)" onclick = "toothclick
(27)">27</a></td>
264 <td><a href = "javascript:void(0)" onclick = "toothclick
(28)">28</a></td>
265 </tr>
266 </table>
267
268 <section>
269
270 <div id="canvasesdiv2" style="position:relative; width
:1260px; height:70px; border: solid 1px #D9D9D9;">
271
272
273 <canvas id="layer63" style="z-index: 1; position:absolute;
left:0px; top:0px;" height="70px" width="1260px">
274 </canvas>
275
276
277 <canvas id="layer65" style="z-index: 1; position:absolute;
left:0px; top:0px;" height="70px" width="1260px">
278 </canvas>
279
280 <canvas id="layer67" style="z-index: 1; position:absolute;
left:0px; top:0px;" height="70px" width="1260px">
281 </canvas>
282 </div>
283 </section>
284
285 <section>
286 <div id="canvasesdiv" style="position:relative; width:1260
px; height:250px; border: solid 2px #D9D9D9;">
287 <canvas id="layer1" style="z-index: 1; position:absolute;
left:0px; top:0px;" height="250px" width="1260">
288 </canvas>
289 <canvas id="layer2" style="z-index: 2; position:absolute;
left:0px; top:0px;" height="250px" width="1260">
290 This text is displayed if your browser does not support
HTML5 Canvas.
291 </canvas>
292 <canvas id="layer3" style="z-index: 3; position:absolute;
left:0px; top:0px;" height="250px" width="1260">
293 </canvas>
294 <canvas id="layer4" style="z-index: 4; position:absolute;
left:0px; top:0px;" height="250px" width="1260">
295 </canvas>
296 <canvas id="layer5" style="z-index: 5; position:absolute;
left:0px; top:0px;" height="250px" width="1260">
297 </canvas>
298 <canvas id="layer6" style="z-index: 6; position:absolute;
left:0px; top:0px;" height="250px" width="1260">
299 </canvas>
300 <canvas id="layer7" style="z-index: 7; position:absolute;
left:0px; top:0px;" height="250px" width="1260">
301 </canvas>
302 <canvas id="layer8" style="z-index: 8; position:absolute;
left:0px; top:0px;" height="250px" width="1260">
303 </canvas>
304 </div>
305 <div id="layer7" style="z-index: 7; position:absolute;
left:0px; top:0px;" height="250px" width="1260">
306 </div>
307 </div>
308 <div id="layer8" style="z-index: 8; position:absolute;
left:0px; top:0px;" height="250px" width="1260">
309 </div>

```



```

hideOtherRestoration()";
650 if($recordexist){ if(in_array($tn,$disrestoration) ||
in_array($tn,$mesrestoration) || in_array($tn,
$linrestoration) || in_array($tn,$bucrestoration) ||
in_array($tn,$occrestoration)) echo "checked";
651 }
652 echo " disabled"</td><td>Restoration</td>
653 </tr>
654
655
656 <tr><td>Mesial</td><td><div id='caries_surfaces'$.tn.
"mesial" style='display:none;'><input type='
checkbox' name='mesialcaries[]' value='$.tn.'" id='
mesial'$.tn.'" onclick='showvar("\mesial"+
cariesSelectSurfaceid,mesialformid);
drawConditionMini("\caries", "\mesial", $.tn.'" )
";
657 if($recordexist && in_array($tn,$mesrescaries)) echo "
checked";
658
659 echo " disabled"></div></td>
660 <td><div id='mesialcariesSelectSurface'$.tn.'" style='
display:none;'><select name='selectCariesMesial[]'
id='mesialcariesSelect'$.tn.'" disabled>";
661 echo "<option value='$.tn.'"></option><option value='
restorable'$.tn.'" ";
662 if($recordexist && in_array("restorable"$.tn,
$mesrescaries)) echo "selected";
663
664 echo"> O </option><option value='nonrestorable'$.tn.'"
";
665 if($recordexist && in_array("nonrestorable"$.tn,
$mesrescaries)) echo "selected";
666
667 echo "> / </option>
668 </select></div></td>
669 <td><div id='recurrent_surfaces'$.tn.'" mesial" style='
display:none;'><input type='checkbox' name='
mesialrecurrent[]' value='$.tn.'" id='remesial'$.tn.
'" onclick='showvar("\mesial"+
recurrentSelectSurfaceid,remesialformid);
drawConditionMini("\recurrent", "\mesial", $.tn.
")' ";
670 if($recordexist && in_array($tn,$mesrecurrent)) echo "
checked";
671
672 echo " disabled /></div></td>
673 <td><div id='mesialrecurrentSelectSurface'$.tn.'" style
='display:none;'><select name='
selectRecurrentMesial[]' id='mesialrecurrentSelect'
$.tn.'" disabled>
674 <option value='$.tn.'"></option><option value='
restorable'$.tn.'" ";
675 if($recordexist && in_array("restorable"$.tn,
$mesresrecurrent)) echo "selected";
676
677 echo "> O </option>
678 <option value='nonrestorable'$.tn.'" ";
679 if($recordexist && in_array("nonrestorable"$.tn,
$mesresrecurrent)) echo "selected";
680
681 echo "> / </option>
682 </select></div></td>
683 <td><div id='restoration_surfaces'$.tn.'" mesial" style='
display:none;'><input type='checkbox' name='
mesialrestoration[]' value='$.tn.'" id='restomesial'
$.tn.'" onclick='showvar("\mesial"+
restoreSelectSurfaceid,restomesialformid);
drawConditionMini("\restoration", "\mesial", $.
$.tn.'" );
684 if($recordexist && in_array($tn,$mesrestoration)) echo
"checked";
685
686 echo " disabled /></div></td><td><div id='
mesialrestoreSelectSurface'$.tn.'" style='display:none
;'><select name='selectRestorationMesial[]' id='
mesialrestoreTypeSelect'$.tn.'" disabled >
687 <option value='$.tn.'" ></option>
688 <option value='AM'$.tn.'" ";
689 if($recordexist && in_array("AM"$.tn,
$mesresrestoration)) echo "selected";
690
691 echo ">AM</option>
692 <option value='CO'$.tn.'" ";
693 if($recordexist && in_array("CO"$.tn,$mesresrestoration
)) echo "selected";
694
695 echo ">CO</option>
696 <option value='GI'$.tn.'" ";
697 if($recordexist && in_array("GI"$.tn,$mesresrestoration
)) echo "selected";
698
699 echo ">GI</option>
700 <option value='TF'$.tn.'" ";
701 if($recordexist && in_array("TF"$.tn,$mesresrestoration
)) echo "selected";
702
703 echo ">TF</option>
704 </select></div></td></tr>
705
706
707
708 <tr><td>Distal</td><td><div id='caries_surfaces'$.tn.
"distal" style='display:none;'><input type='
checkbox' name='distalcaries[]' value='$.tn.'" id='
distal'$.tn.'" onclick='showvar("\distal"+
cariesSelectSurfaceid,distalformid);
drawConditionMini("\caries", "\distal", $.tn.'" )
";
709 if($recordexist && in_array($tn,$disrecaries)) echo "
checked";
710
711 echo " disabled /></div></td>
712 <td><div id='distalcariesSelectSurface'$.tn.'" style='
display:none;'>
713 <select name='selectCariesDistal[]' id=' distalcariesSelect
'$.tn.'" disabled >
714 <option value='$.tn.'"></option>
715 <option value='restorable'$.tn.'" ";
716 if($recordexist && in_array("restorable"$.tn,
$disresrecaries)) echo "selected";
717
718 echo "> O </option>
719 <option value='nonrestorable'$.tn.'" ";
720 if($recordexist && in_array("nonrestorable"$.tn,
$disresrecaries)) echo "selected";
721
722 echo "> / </option>
723 </select></div></td>
724 <td><div id='recurrent_surfaces'$.tn.'" distal" style='
display:none;'><input type='checkbox' name='
distalrecurrent[]' value='$.tn.'" id='redistal'$.tn.'"
onclick='showvar("\distal"+
recurrentSelectSurfaceid,redistalformid);
drawConditionMini("\recurrent", "\distal", $.tn.
")' ";
725 if($recordexist && in_array($tn,$disrecurrent)) echo "
checked";
726
727 echo " disabled /></div></td>
728 <td><div id='distalrecurrentSelectSurface'$.tn.'" style='
display:none;'>
729 <select name='selectRecurrentDistal[]' id='
distalrecurrentSelect'$.tn.'" disabled >
730 <option value='$.tn.'"></option>
731 <option value='restorable'$.tn.'" ";
732 if($recordexist && in_array("restorable"$.tn,
$disresrecurrent)) echo "selected";
733
734 echo "> O </option>
735 <option value='nonrestorable'$.tn.'" ";
736 if($recordexist && in_array("nonrestorable"$.tn,
$disresrecurrent)) echo "selected";
737
738 echo "> / </option>
739 </select></div></td>
740 <td><div id='restoration_surfaces'$.tn.'" distal" style='
display:none;'><input type='checkbox' name='
distalrestoration[]' value='$.tn.'" id='restodistal'
$.tn.'" onclick='showvar("\distal"+
restoreSelectSurfaceid,restodistalformid);
drawConditionMini("\restoration", "\distal", $.
$.tn.'" );
741 if($recordexist && in_array($tn,$disrestoration)) echo "
checked";
742
743 echo " disabled /></div></td><td><div id='
distalrestoreSelectSurface'$.tn.'" style='display:none
;'><select name='selectRestorationDistal[]' id='
distalrestoreTypeSelect'$.tn.'" disabled >
744 <option value='$.tn.'"></option>
745 <option value='AM'$.tn.'" ";
746 if($recordexist && in_array("AM"$.tn,$disresrestoration
)) echo "selected";
747
748 echo ">AM</option>
749 <option value='CO'$.tn.'" ";
750 if($recordexist && in_array("CO"$.tn,$disresrestoration
)) echo "selected";
751
752 echo ">CO</option>
753 <option value='GI'$.tn.'" ";
754 if($recordexist && in_array("GI"$.tn,$disresrestoration))
echo "selected";
755
756 echo ">GI</option>
757 <option value='TF'$.tn.'" ";
758 if($recordexist && in_array("TF"$.tn,$disresrestoration)
) echo "selected";
759
760 echo ">TF</option>
761 </select></div></td></tr>
762
763
764
765 <tr><td>Occlusal</td><td><div id='caries_surfaces'$.tn.
"occlusal" style='display:none;'><input type='
checkbox' name='occlusalcaries[]' value='$.tn.'" id

```



```

= 'occlusal'. $tn.' ' onclick='showvar(\ "occlusal\ " +
cariesSelectSurfaceid,occlusalformid);
drawConditionMini(\ "caries\ ", \ "occlusal\ ", ". $tn." )
';
766 if ($recordexist && in_array($tn, $occlusaries)) echo "
checked";
767
768 echo " disabled /></div></td><td><div id='
769 <td><div id='occlusalcariesSelectSurface". $tn.'" style='
display:none;'>
770 <select name='selectCariesOcclusal[]' id='
occlusalcariesSelect". $tn.'" disabled >
771 <option value="". $tn.'"></option>
772 <option value='restorable'. $tn.'" ";
773 if ($recordexist && in_array("restorable". $tn,
$occlusaries)) echo "selected";
774
775 echo "> O </option>
776 <option value='nonrestorable'. $tn.'" ";
777 if ($recordexist && in_array("nonrestorable". $tn,
$occlusaries)) echo "selected";
778
779 echo " > / </option>
780 </select></div></td>
781 <td><div id='recurrent_surfaces". $tn.'"occlusal' style='
display:none;'><input type='checkbox' name='
occlusalrecurrent[]' value="". $tn.'" id='reocclusal".
$tn.'" onclick='showvar(\ "occlusal\ " +
recurrentSelectSurfaceid,reocclusalformid);
drawConditionMini(\ "recurrent\ ", \ "occlusal\ ", ".
$tn.'" ); ";
782 if ($recordexist && in_array($tn, $occlusaries)) echo "
checked";
783
784 echo " disabled /></div></td>
785 <td><div id='occlusalrecurrentSelectSurface". $tn.'" style
='display:none;'>
786 <select name='selectRecurrentOcclusal[]' id='
occlusalrecurrentSelect". $tn.'" disabled >
787 <option value="". $tn.'"></option><option value='
restorable". $tn.'" ";
788 if ($recordexist && in_array("restorable". $tn,
$occlusaries)) echo "selected";
789
790 echo "> O </option>
791 <option value='nonrestorable'. $tn.'" ";
792 if ($recordexist && in_array("nonrestorable". $tn,
$occlusaries)) echo "selected";
793
794 echo " > / </option>
795 </select></div></td>
796 <td><div id='restoration_surfaces". $tn.'"occlusal' style='
display:none;'><input type='checkbox' name='
occlusalrestoration[]' value="". $tn.'" id='
restooocclusal". $tn.'" onclick='showvar(\ "occlusal
\ " + restoreSelectSurfaceid,restooocclusalformid);
drawConditionMini(\ "restoration\ ", \ "occlusal\ ", ".
$tn.'" ); ";
797 if ($recordexist && in_array($tn, $occlusaries)) echo "
checked";
798
799 echo " disabled /></div></td><td><div id='
occlusalrestoreSelectSurface". $tn.'" style='display:
none;'><select name='selectRestorationOcclusal[]' id
='occlusalrestoreTypeSelect". $tn.'" disabled >
800 <option value="". $tn.'"></option>
801 <option value='AM". $tn.'" ";
802 if ($recordexist && in_array("AM". $tn, $occlusaries))
echo "selected";
803
804 echo ">AM</option>
805 <option value='CO". $tn.'" ";
806 if ($recordexist && in_array("CO". $tn, $occlusaries))
echo "selected";
807
808 echo ">CO</option>
809 <option value='GI". $tn.'" ";
810 if ($recordexist && in_array("GI". $tn, $occlusaries))
echo "selected";
811
812 echo ">GI</option>
813 <option value='TF". $tn.'" ";
814 if ($recordexist && in_array("TF". $tn, $occlusaries))
echo "selected";
815
816 echo ">TF</option>
817
818 </select></div></td></tr>
819
820
821
822
823 <tr><td>Buccal</td><td><div id='caries_surfaces". $tn
.'" buccal' style='display:none;'><input type='
checkbox' name='buccalcaries[]' value="". $tn.'" id='
buccal". $tn.'" onclick='showvar(\ "buccal\ " +
cariesSelectSurfaceid,buccalformid);
drawConditionMini(\ "caries\ ", \ "buccal\ ", ". $tn.'" )
';
824 if ($recordexist && in_array($tn, $buccaries)) echo "
checked";
825
826 echo " disabled /></div></td><td><div id='
buccalcariesSelectSurface". $tn.'" style='display:none
;'><select name='selectCariesBuccal[]' id='
buccalcariesSelect". $tn.'" disabled ><option value='
". $tn.'"></option>
827 <option value='restorable". $tn.'" ";
828 if ($recordexist && in_array("restorable". $tn,
$buccaries)) echo "selected";
829
830 echo "> O </option>
831 <option value='nonrestorable". $tn.'" ";
832 if ($recordexist && in_array("nonrestorable". $tn,
$buccaries)) echo "selected";
833
834 echo " > / </option>
835 </select></div></td>
836 <td><div id='recurrent_surfaces". $tn.'" buccal' style='
display:none;'><input type='checkbox' name='
buccalrecurrent[]' value="". $tn.'" id='rebuccal". $tn.
'" onclick='showvar(\ "buccal\ " +
recurrentSelectSurfaceid,rebuccalformid);
drawConditionMini(\ "recurrent\ ", \ "buccal\ ", ". $tn.
'" ); ";
837 if ($recordexist && in_array($tn, $buccaries)) echo "
checked";
838
839 echo " disabled /></div></td>
840 <td><div id='buccalrecurrentSelectSurface". $tn.'" style
='display:none;'>
841 <select name='selectRecurrentBuccal[]' id='
buccalrecurrentSelect". $tn.'" disabled >
842 <option value="". $tn.'"></option>
843 <option value='restorable". $tn.'" ";
844 if ($recordexist && in_array("restorable". $tn,
$buccaries)) echo "selected";
845
846 echo "> O </option>
847 <option value='nonrestorable". $tn.'" ";
848 if ($recordexist && in_array("nonrestorable". $tn,
$buccaries)) echo "selected";
849
850 echo " disabled > / </option>
851 </select></div></td>
852 <td><div id='restoration_surfaces". $tn.'" buccal' style='
display:none;'><input type='checkbox' name='
buccalrestoration[]' value="". $tn.'" id='restobuccal
". $tn.'" onclick='showvar(\ "buccal\ " +
restoreSelectSurfaceid,restobuccalformid);
drawConditionMini(\ "restoration\ ", \ "buccal\ ", ".
$tn.'" ); ";
853 if ($recordexist && in_array($tn, $buccaries)) echo
"checked";
854
855 echo " disabled /></div></td><td><div id='
buccalrestoreSelectSurface". $tn.'" style='display:none
;'><select name='selectRestorationBuccal[]' id='
buccalrestoreTypeSelect". $tn.'" disabled >
856 <option value="". $tn.'"></option>
857 <option value='AM". $tn.'" ";
858 if ($recordexist && in_array("AM". $tn, $buccaries))
echo "selected";
859
860 echo ">AM</option>
861 <option value='CO". $tn.'" ";
862 if ($recordexist && in_array("CO". $tn, $buccaries))
echo "selected";
863
864 echo ">CO</option>
865 <option value='GI". $tn.'" ";
866 if ($recordexist && in_array("GI". $tn, $buccaries))
echo "selected";
867
868 echo ">GI</option>
869 <option value='TF". $tn.'" ";
870 if ($recordexist && in_array("TF". $tn, $buccaries))
echo "selected";
871
872 echo ">TF</option>
873 </select></div></td></tr>
874
875
876
877 <tr><td>Lingual</td><td><div id='caries_surfaces". $tn
.'" lingual' style='display:none;'><input type='
checkbox' name='lingualcaries[]' value="". $tn.'" id='
lingual". $tn.'" onclick='showvar(\ "lingual\ " +
cariesSelectSurfaceid,lingualformid);
drawConditionMini(\ "caries\ ", \ "lingual\ ", ". $tn.'" )
';
878 if ($recordexist && in_array($tn, $lingualcaries)) echo "
checked";
879
880 echo " disabled /></div> </td>
881 <td><div id='lingualcariesSelectSurface". $tn.'" style='
display:none;'><select name='selectCariesLingual[]'
id='lingualcariesSelect". $tn.'" disabled >

```



```

1155 <u>Periodontics</u><br/>
1156 <input type="checkbox" name="periodontics" id="
periodontics" value="Yes" <?php if($recordexist
&& $perio == "Yes") echo "checked"; ?> disabled
>Management of Periodontal Disease
1157 <br/><br/>
1158 <u> Surgery </u><br/>
1159 <input type="checkbox" name="surgery[]" id="
pedodontics" value="pedodontics" <?php if(
$recordexist && $pedo == "Yes") echo "checked";
?> disabled>Pedodontics <br/>
1160 <input type="checkbox" name="surgery[]" id="
orthodontics" value="orthodontics" <?php if(
$recordexist && $ortho == "Yes") echo "checked";
?> disabled>Orthodontics
1161 <br/><br/>
1162 <u> Emergency Treatment </u><br/>
1163 <input type="checkbox" name="emergencytreatment[]"
id="acuteinfections" value="acute infections" <?
php if($recordexist && $acute == "Yes") echo "
checked"; ?> disabled>Management of Acute
Infections <br/>
1164 <input type="checkbox" name="emergencytreatment[]"
id="traumaticinjuries" value="traumatic injuries"
<?php if($recordexist && $traumatic == "Yes")
echo "checked"; ?> disabled>Management of
Temporary Injuries
1165 <br/><br/>
1166 <u> Prosthodontics </u><br/>
1167 <input type="checkbox" name="prosthodontics[]" id="
completedent" value="complete denture" <?php if(
$recordexist && $compdent == "Yes") echo "
checked"; ?> disabled>Complete Denture<br/>
1168 <input type="checkbox" name="prosthodontics[]" id="
singledent" value="single denture" <?php if(
$recordexist && $singdent == "Yes") echo "
checked"; ?> disabled>Single Denture<br/>
1169 <input type="checkbox" name="prosthodontics[]" id="
removdent" value="removable partial" <?php if(
$recordexist && $rempardent == "Yes") echo "
checked"; ?> disabled>Removable Partial Denture<
br/>
1170 <input type="checkbox" name="prosthodontics[]" id="
otherss" value="others" <?php if($recordexist &&
$othdent == "Yes") echo "checked"; ?> disabled>
Other Denture Services
1171 <br/><br/>
1172 <hr>
1173 <a href = "javascript:void(0)" onclick = "document.
getElementById('serviceslight').style.display='none';
document.getElementById('servicesfade').style.
display='none'">Done</a>
1174
1175 </font>
1176 </div>
1177 <div id="servicesfade" class="black_overlay"></div>
1178
1179
1180
1181 <div id="noteslight" class="white_content">
1182 <font size = "2">
1183 <b>Notes</b><br/>
1184 <hr>
1185 <br/>
1186 <textarea name="notes" rows="6" cols="100" readonly
><?php if($recordexist) echo $notes; ?></textarea
>
1187 <br/><br/>
1188 <hr>
1189 <a href = "javascript:void(0)" onclick = "document.
getElementById('noteslight').style.display='none';
document.getElementById('notesfade').style.display
='none'">Submit</a>
1190 <a href = "javascript:void(0)" onclick = "document.
getElementById('noteslight').style.display='none';
document.getElementById('notesfade').style.display
='none'">Cancel</a>
1191
1192 </font>
1193 </div>
1194
1195 <div id="neededlight" class="white_content">
1196 <b>Service Needed Summary</b> &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&||&nbsp;&nbsp;&nbsp;&
&nbsp;&nbsp;&nbsp;&nbsp;&
1197 <a href = "javascript:void(0)" onclick = "
clearneeded_service();" >Cancel</a>
1198
1199 <table>
1200 <tr>
1201 <td>
1202 <u><div id="periodonticsdiv"></div></u>
1203 <div id="perioddiv"></div>
1204 </td>
1205 <td>
1206 <u><div id="emergencytreatmentdiv"></div></u>
1207 <div id="pulpseadationdiv"></div>
1208 <div id="crownrecementationdiv"></div>
1209 <div id="fillingservicediv"></div>
1210 <div id="acuteinfectionsdiv"></div>
1211 <div id="traumaticdiv"></div>
1212
1213
1214 </td>
1215 </tr>
1216
1217 <tr>
1218 <td>
1219 <u><div id="operativedentistrydiv"></div></u>
1220 <div id="class1div"></div>
1221 <div id="class2div"></div>
1222 <div id="class3div"></div>
1223 <div id="class4div"></div>
1224 <div id="class5div"></div>
1225 <div id="onlaydiv"></div>
1226 </td>
1227 <td>
1228 <u><div id="fixedpartialdenturediv"></div></u>
1229 <div id="laminateddiv"></div>
1230 <div id="singlecrowndiv"></div>
1231 <div id="bridgeservicediv"></div>
1232 <br/>
1233 <u><div id="endodonticsdiv"></div></u>
1234 <div id="anteriordiv"></div>
1235 <div id="posteriordiv"></div>
1236 <div id="othersdiv"></div>
1237 </td>
1238 </tr>
1239
1240
1241 <tr>
1242 <td>
1243 <u><div id="surgerydiv"></div></u>
1244 <div id="extractiondiv"></div>
1245 <div id="odontectomydiv"></div>
1246 <div id="specialcasediv"></div>
1247 <div id="pedonticsdiv"></div>
1248 <div id="orthodonticsdiv"></div>
1249 </td>
1250 <td>
1251 <u><div id="prosthodonticsdiv"></div></u>
1252 <div id="completedentdiv"></div>
1253 <div id="singledentdiv"></div>
1254 <div id="removdentdiv"></div>
1255 <div id="otherssdiv"></div>
1256 </td>
1257 </tr>
1258 </table>
1259
1260
1261 </div>
1262
1263 <center><vr></center>
1264
1265
1266 <script type="text/javascript"> init(65, 65, 627);
</script>
1267
1268
1269 <br/> <br/>
1270 </div>
1271 </div>
1272
1273 </form>
1274 </div>
1275 </div>
1276 </div>
1277
1278 </body>
1279 </html>

```

Listing 80: dentaldataview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
" . base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='\".base_url().
"js/dynamic.js\"></script>";
7 echo "<script type='text/javascript' src='\".base_url().
"js/patientdb.js\"></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" "http://www.w3.org/TR/xhtml1
/DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml">
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
"></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
-1.10.3.custom.js"></script>

```

```

16
17 <?php
18 $session_data = $this->session->userdata('logged_in');
19 $sect = $session_data['section'];
20 $section = "";
21 foreach($sect as $row){
22     if($row != "System Maintenance"){
23         $section = $row;
24         break;
25     }
26 }
27
28 ?>
29
30 <title>Dental Data - <?php echo $section; ?></title>
31 <link rel="shortcut icon" href="<?php echo base_url();
32     ?>images/upcd-20140224-favicon.ico">
33 <script>
34     var year = new Date().getFullYear();
35     $(function() {
36         $('#dolv').datepicker({
37             dateFormat: 'yy-mm-dd',
38             showAnim: 'slideDown',
39             changeMonth: true,
40             changeYear: true,
41             yearRange: '1910:'+year,
42             maxDate: 0
43         });
44     });
45 </script>
46 </head>
47 <?php
48 $session_data = $this->session->userdata('logged_in');
49 $username = $session_data['username'];
50
51 $session_data2 = $this->session->userdata('has_error');
52 $invalid_input = $session_data2['invalid_input'];
53
54 if($recordexist){
55     foreach($info as $row){
56         $dolv = $row['dateoflastvisit'];
57         $pdolv = $row['proceduresonlastvisit'];
58         $fodv = $row['frequencyofvisit'];
59         $seortle = $row['anesthesia_exposure'];
60         $cdaoadp = $row['dental_complications'];
61         $hnt = $row['headneckTMJ'];
62         $lfn = $row['lipsfrenum'];
63         $smuc = $row['mucosa'];
64         $plt = $row['palate'];
65         $prx = $row['pharynx'];
66         $ftm = $row['floorofthemouth'];
67         $tng = $row['tongue'];
68         $lym = $row['lymphnodes'];
69         $sald = $row['salivarygland'];
70         $thy = $row['thyroid'];
71         $ggv = $row['gingiva'];
72     }
73 }
74 ?>
75 <body>
76
77 <div class="maindiv">
78 <?php include('patient_header.php'); ?>
79
80 <div id="Content_Area">
81
82 <form id="ADDDENTALDATA" name="
83     ADDENTALDATA" action="<?php echo base_url
84     ();?>index.php/verifyaddentaldata" method="post
85     ">
86
87 <br><a href="<?php echo base_url();?>index.php/
88     loaddashboard/patientdb/<?php echo $id; ?>">
89     Dashboard </a> &nbsp;&nbsp;<a href="<?php echo
90     base_url();?>index.php/viewdentaldataversions">
91     View Versions </a><br><br>
92
93 <div class="validationexc" style="display: <?php if($this
94     ->session->userdata('has_error')) echo 'block'; else
95     'none' ?>;">
96 <?php $session_data = $this->session->userdata('
97     has_error');
98     echo $session_data['error'];
99 </div>
100
101 <div style="position: relative; text-align:right; color:
102     red; right: 5%;"><i>* means required</i></div>
103 <table frame="box" class="frame">
104 <tr class="header">
105 <td colspan=4>Soft Tissue Examination
106 </tr>
107 <tr>
108 <td>Head, neck and TMJ <font color='red'>*</font
109 >
110 <td><textarea id="hntd" name="hntd" cols=30><?
111     php if($invalid_input) echo $session_data2['hntd'
112     ]; elseif($recordexist == true) echo $hnt; ?></
113     textarea>
114 <td><textarea id="lfn" name="lfn" cols=30><?
115     php if($invalid_input) echo $session_data2['lfn'];
116     elseif($recordexist == true) echo $lfn; ?></
117     textarea>
118 <td><textarea id="mucd" name="mucd" cols
119     =30><?php if($invalid_input) echo $session_data2['mucd'];
120     elseif($recordexist == true) echo $smuc; ?></textarea>
121 <td><textarea id="plt" name="plt" cols=30><?
122     php if($invalid_input) echo $session_data2['plt'];
123     elseif($recordexist == true) echo $plt; ?></
124     textarea>
125 <td><textarea id="prxd" name="prxd" cols=30><?
126     php if($invalid_input) echo $session_data2['prxd'
127     ]; elseif($recordexist == true) echo $prx; ?></
128     textarea>
129 <td><textarea id="ftmd" name="ftmd" cols=30><?
130     php if($invalid_input) echo $session_data2['ftmd'
131     ]; elseif($recordexist == true) echo $ftm; ?></
132     textarea>
133 <td><textarea id="tngd" name="tngd" cols=30><?
134     php if($invalid_input) echo $session_data2['tngd'
135     ]; elseif($recordexist == true) echo $tng; ?></
136     textarea>
137 <td><textarea id="lymd" name="lymd" cols=30><?
138     php if($invalid_input) echo $session_data2['lymd'
139     ]; elseif($recordexist == true) echo $lym; ?></
140     textarea>
141 <td><textarea id="sald" name="sald" cols=30><?
142     php if($invalid_input) echo $session_data2['sald'];
143     elseif($recordexist == true) echo $sald; ?></
144     textarea>
145 <td><textarea id="thyd" name="thyd" cols=30><?
146     php if($invalid_input) echo $session_data2['thyd'
147     ];
148 </tr>
149 <tr>
150 <td><td>Salivary Gland <font color='red'>*</font>
151 <td><td><textarea id="sald" name="sald" cols=30><?
152     php if($invalid_input) echo $session_data2['sald'];
153     elseif($recordexist == true) echo $sald; ?></
154     textarea>
155 <td><td>Thyroid <font color='red'>*</font>
156 <td><td><textarea id="thyd" name="thyd" cols=30><?
157     php if($invalid_input) echo $session_data2['thyd'
158     ];
159 </tr>
160 </table><br>
161 <table frame="box" class="frame">
162 <tr class="header">
163 <td colspan=4>Soft Tissue Examination
164 </tr>
165 <tr>
166 <td>Head, neck and TMJ <font color='red'>*</font
167 >
168 <td><textarea id="hntd" name="hntd" cols=30><?
169     php if($invalid_input) echo $session_data2['hntd'
170     ]; elseif($recordexist == true) echo $hnt; ?></
171     textarea>
172 <td><textarea id="lfn" name="lfn" cols=30><?
173     php if($invalid_input) echo $session_data2['lfn'];
174     elseif($recordexist == true) echo $lfn; ?></
175     textarea>
176 <td><textarea id="mucd" name="mucd" cols
177     =30><?php if($invalid_input) echo $session_data2['mucd'];
178     elseif($recordexist == true) echo $smuc; ?></textarea>
179 <td><textarea id="plt" name="plt" cols=30><?
180     php if($invalid_input) echo $session_data2['plt'];
181     elseif($recordexist == true) echo $plt; ?></
182     textarea>
183 <td><textarea id="prxd" name="prxd" cols=30><?
184     php if($invalid_input) echo $session_data2['prxd'
185     ]; elseif($recordexist == true) echo $prx; ?></
186     textarea>
187 <td><textarea id="ftmd" name="ftmd" cols=30><?
188     php if($invalid_input) echo $session_data2['ftmd'
189     ]; elseif($recordexist == true) echo $ftm; ?></
190     textarea>
191 <td><textarea id="tngd" name="tngd" cols=30><?
192     php if($invalid_input) echo $session_data2['tngd'
193     ]; elseif($recordexist == true) echo $tng; ?></
194     textarea>
195 <td><textarea id="lymd" name="lymd" cols=30><?
196     php if($invalid_input) echo $session_data2['lymd'
197     ]; elseif($recordexist == true) echo $lym; ?></
198     textarea>
199 <td><textarea id="sald" name="sald" cols=30><?
200     php if($invalid_input) echo $session_data2['sald'];
201     elseif($recordexist == true) echo $sald; ?></
202     textarea>
203 <td><textarea id="thyd" name="thyd" cols=30><?
204     php if($invalid_input) echo $session_data2['thyd'
205     ];
206 </tr>
207 </table>

```

```

        ]; elseif($recordexist == true) echo $thy; ?></
        textarea>
155 </tr>
156 <tr>
157 <td>Gingiva <font color='red'>*</font>
158 <td><textarea id="ggvd" name="ggvd" cols=30><?
        php if($invalid_input) echo $session_data2['ggvd'
        ]; elseif($recordexist == true) echo $ggv; ?></
        textarea>
159 </tr>
160 </table><br><br>

```

```

161 <input type="submit" value="Save"/> <input type="
162 reset" value="Clear entries"/><br><br>
163 </form>
164 </div>
165 </body>
166 </html>

```

Listing 81: dentaldatareadon- lyview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
   ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='\".base_url().
   \"js/dynamic.js\"></script>";
7 echo "<script type='text/javascript' src='\".base_url().
   \"js/patientdb.js\"></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
   Transitional//EN" "http://www.w3.org/TR/xhtml1
   /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
   jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
   "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
   -1.10.3.custom.js"></script>
16
17 <?php
18 $session_data = $this->session->userdata('logged_in');
19 $sect = $session_data['section'];
20 $section = "";
21 foreach($sect as $row){
22     if($row != "System Maintenance"){
23         $section = $row;
24         break;
25     }
26 }
27
28 ?>
29
30 <title>Dental Data - <?php echo $section; ?></title>
31 <link rel="shortcut icon" href="<?php echo base_url();
   ?>images/upcd-20140224-favicon.ico">
32 <script type="text/javascript">
33
34
35 </script>
36 </head>
37 <?php
38 $session_data = $this->session->userdata('logged_in');
39 $username = $session_data['username'];
40
41 $session_data2 = $this->session->userdata('has_error');
42 $invalid_input = $session_data2['invalid_input'];
43
44 if($recordexist){
45     foreach($info as $row){
46         $dolv = $row['dateofflastvisit'];
47         $pdolv = $row['proceduresonlastvisit'];
48         $fodv = $row['frequencyofvisit'];
49         $eortle = $row['anesthesia_exposure'];
50         $cdaoadp = $row['dental_complications'];
51         $hnt = $row['headneckTMJ'];
52         $lfn = $row['lipsfrenum'];
53         $muc = $row['mucosa'];
54         $plt = $row['palate'];
55         $prx = $row['pharynx'];
56         $ftm = $row['floorofthemouth'];
57         $tng = $row['tongue'];
58         $lym = $row['lymphnodes'];
59         $sal = $row['salivarygland'];
60         $thy = $row['thyroid'];
61         $ggv = $row['gingiva'];
62
63     }
64 }
65 }
66 ?>
67 <body>
68
69 <div class="maindiv" style="border:0px;">
70 <?php include('patient.header.php'); ?>
71
72 <div id="Content_Area" style="border: solid 1px #7

```

```

73 F00FF;">
74 <form id="ADDDENTALDATA" name="
   ADDENTALDATA" action="<?php echo base_url
   ();?>index.php/verifyadddentaldata" method="post
   ">
75
76 <br><a href="<?php echo base_url();?>index.php/
   loaddashboard/patientdb/<?php echo $id; ?>">
   Dashboard </a> &nbsp;   <a href="<?php echo
   base_url();?>index.php/viewdentaldataversions">
   View Versions </a><br><br>
77
78 <div class="validationexc" style="display: <?php if($this
   ->session->userdata('has_error')) echo 'block'; else
   'none' ?>";>
79 <?php $session_data = $this->session->userdata('
   has_error');
80     echo $session_data['error'];
81 ?>
82 </div>
83
84 <?php if($forapproval) echo "<h4 style='color:red;'>This
   patient's record is currently subject for approval.</
   h4>";
85 elseif($private) echo "<h4 style='color:red;' align='
   center'>This patient's record is under other
   clinician's supervision.</h4>"; ?>
86
87
88 <table frame="box" class="frame">
89 <tr class="header">
90 <td colspan=2>Dental History
91 </tr>
92 <tr>
93 <td>Date of last visit:
94 <td><input type="text" name="dolv" id="dolv"
   value="<?php if($invalid_input) echo
   $session_data2['dolv']; elseif($recordexist == true)
   echo $dolv; ?>" readonly disabled>
95 </tr>
96 <tr>
97 <td>Procedures done on last visit:
98 <td><input type="text" name="pdolv" id="pdolv"
   value="<?php if($invalid_input) echo
   $session_data2['pdolv']; elseif($recordexist == true
   ) echo $pdolv; ?>" readonly disabled>
99 </tr>
100 <tr>
101 <td>Frequency of dental visit:
102 <td><input type="text" name="fodv" value="<?php
   if($invalid_input) echo $session_data2['fodv']; elseif
   ($recordexist == true) echo $fodv; ?>" readonly
   disabled>
103 </tr>
104 <tr>
105 <td>Exposure or response to local anesthesia</td>
106 <td><input type="text" name="eortle" value="<?php
   if($invalid_input) echo $session_data2['eortle'];
   elseif($recordexist == true) echo $eortle; ?>"
   readonly disabled>
107 </tr>
108 <tr>
109 <td>Complications during and or after dental
   procedure</td>
110 <td><input type="text" name="cdaoadp" value="<?
   php if($invalid_input) echo $session_data2['
   cdaoadp']; else if($recordexist == true) echo
   $cdaoadp; ?>" readonly disabled>
111 </tr>
112 </table><br>
113
114 <table frame="box" class="frame">
115 <tr class="header">
116 <td colspan=4>Soft Tissue Examination
117 </tr>
118 <tr>
119 <td>Head, neck and TMJ
120 <td><textarea id="hntd" name="hntd" cols=30
   readonly><?php if($invalid_input) echo
   $session_data2['hntd']; elseif($recordexist ==
   true) echo $hnt; ?></textarea>
121 <td>Lips/Frenum
122 <td><textarea id="lfn" name="lfn" cols=30
   readonly><?php if($invalid_input) echo
   $session_data2['lfn']; elseif($recordexist ==

```

```

123         true) echo $fn; ?></textarea>
124     </tr>
125     <tr>
126     <td><textarea id="mucd" name="mucd" cols=30
127     readonly><?php if($invalid_input) echo
128     $session_data2['mucd']; elseif($recordexist ==
129     true) echo $muc; ?></textarea>
130     <td>Palate
131     <td><textarea id="pltd" name="pltd" cols=30
132     readonly><?php if($invalid_input) echo
133     $session_data2['pltd']; elseif($recordexist ==
134     true) echo $plt; ?></textarea>
135     </tr>
136     <tr>
137     <td>Pharynx
138     <td><textarea id="prxd" name="prxd" cols=30
139     readonly><?php if($invalid_input) echo
140     $session_data2['prxd']; elseif($recordexist ==
141     true) echo $prx; ?></textarea>
142     <td>Floor of the mouth
143     <td><textarea id="ftmd" name="ftmd" cols=30
144     readonly><?php if($invalid_input) echo
145     $session_data2['ftmd']; elseif($recordexist ==
146     true) echo $ftm; ?></textarea>
147     </tr>
148     <tr>
149     <td>Tongue
150     <td><textarea id="tngd" name="tngd" cols=30
151     readonly><?php if($invalid_input) echo
152     $session_data2['tngd']; elseif($recordexist ==
153     true) echo $tng; ?></textarea>
154     <td>Lymph nodes
155     <td><textarea id="lymd" name="lymd" cols=30

```

```

141     readonly><?php if($invalid_input) echo
142     $session_data2['lymd']; elseif($recordexist ==
143     true) echo $lym; ?></textarea>
144     </tr>
145     <tr>
146     <td>Salivary Gland
147     <td><textarea id="sald" name="sald" cols=30
148     readonly><?php if($invalid_input) echo
149     $session_data2['sald']; elseif($recordexist ==
150     true) echo $sal; ?></textarea>
151     <td>Thyroid
152     <td><textarea id="thyd" name="thyd" cols=30
153     readonly><?php if($invalid_input) echo
154     $session_data2['thyd']; elseif($recordexist ==
155     true) echo $thy; ?></textarea>
156     </tr>
157     <tr>
158     <td>Gingiva
159     <td><textarea id="ggvd" name="ggvd" cols=30
160     readonly><?php if($invalid_input) echo
161     $session_data2['ggvd']; elseif($recordexist ==

```

Listing 82: edituserview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4 echo "<link rel='stylesheet' type='text/css' href='
5     ".base_url()."css/style.css'>";
6 //echo "<script type='text/javascript' src='
7     ".base_url()."js/dynamic.js'></script>"
8 ?>
9 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
10 Transitional//EN" "http://www.w3.org/TR/xhtml1
11 /DTD/xhtml1-transitional.dtd">
12 <html xmlns="http://www.w3.org/1999/xhtml" >
13 <head>
14 <title>Edit User – System Administrator</title>
15 <link rel="shortcut icon" href="<?php echo base_url();
16     ?>images/upcd-20140224-favicon.ico">
17 <script type="text/javascript">
18 function restrict2 (which2, itemx){
19     alert (itemx);
20 }
21 </script>
22 </head>
23 <?php
24 if ($invalid_input == false){
25     foreach($info as $row){
26         $lname = $row->userLName;
27         $fname = $row->userFName;
28         $mname = $row->userMName;
29         $uname = $row->username;
30         $secques = $row->secret_question;
31         $secans = $row->secret_answer;
32     }
33 }
34 ?>
35 <body>
36 >
37 <div class="maindiv">
38 <h3 align=center>Edit User</h3>
39 <div class="validationexc" style="display: <?php if($this
40     ->session->userdata('has_error')) echo 'block'; else
41     'none' ?>;">
42     <?php $session_data = $this->session->userdata('
43     has_error');
44     echo $session_data['error'];
45 ?>
46 </div>
47 <form id="EDITUSER" name="EDITUSER" action="
48     <?php echo base_url().'index.php/verifyedituser
49     ';?>" method="post">
50 <input type="hidden" name="userID" value="<?php
51     echo $userID; ?>">
52 <table align="center">
53 <tr>
54 <td>Name:

```

```

52 <td><input type="text" name="firstname" value="<?
53     php echo $fname; ?>" size=15>
54 <input type="text" name="midname" value="<?php
55     echo $mname; ?>" size=15>
56 <input type="text" name="lastname" value="<?php
57     echo $lname; ?>" size=15>
58 </tr>
59 <tr>
60 <td colspan=3> <hr width=100% align="center" color=
61     "#d3d3d3">
62 </tr>
63 <tr>
64 <td>Section/Role:
65 <td><input type="hidden" name="size" value="<?php
66     echo sizeof($role); ?>">
67 <?php
68 for($i = 0; $i < sizeof($role); $i++){
69     echo "<input type='hidden' name='roleID".$i."' value
70     ='". $roleIDt[$i]."'>";
71     echo "<select name='section".$i."' id='section".$i."'
72     onChange='restrict2(this.selectedIndex, 'role' . $i
73     .')'>";
74     echo "<option value='Select one..'";
75     if ($role [ $i ] == "System Administrator") {
76         echo "selected";
77     }
78     echo "> Select one.. </option>";
79
80     echo "<option value='Oral Diagnosis'";
81     if ($section [ $i ] == "Oral Diagnosis") {
82         echo "selected";
83     }
84     echo "> Oral Diagnosis </option>";
85
86     echo "<option value='Oral Medicine'";
87     if ($section [ $i ] == "Oral Medicine") {
88         echo "selected";
89     }
90     echo "> Oral Medicine </option>";
91
92     echo "<option value='Prosthodontics'";
93     if ($section [ $i ] == "Prosthodontics") {
94         echo "selected";
95     }
96     echo "> Prosthodontics </option>";
97
98     echo "<option value='Operative Dentistry'";
99     if ($section [ $i ] == "Operative Dentistry") {
100         echo "selected";
101     }
102     echo "> Operative Dentistry </option>";
103
104     echo "<option value='General Query'";
105     if ($section [ $i ] == "General Query") {
106         echo "selected";

```

```

107     }
108     echo "> System Maintenance </option></select>";
109
110     echo "<select name='role'. $i.'" id='role'. $i.'">";
111     echo "<option value='Select one..'> Select one.. </
112         option>";
113     echo "<option value='System Administrator'";
114     if ($rolet [$i]== "System Administrator"){
115         echo "selected";
116     }
117     echo "> System Administrator </option>";
118
119     echo "<option value='Faculty'";
120     if ($rolet [$i]== "Faculty"){
121         echo "selected";
122     }
123     echo "> Faculty </option>";
124
125     echo "<option value='Student'";
126     if ($rolet [$i]== "Student"){
127         echo "selected";
128     }
129     echo "> Student </option></select><br>";
130 }
131 ?>
132
133 </td>
134 </tr>
135 <tr>
136 <td colspan=3> <hr width=100% align="center" color=
137     "#d3d3d3">
138 </tr>
139 <td><label for="username">Username:</label>
140 <td><input type="text" size="20" id="username"
141     name="username" value="" <?php echo
142     $uname; ?>">
143 </tr>
144 <td><label for="password">Password:</label>
145 <td><input type="password" size="20" id="
146     password" name="password">
147 </tr>
148 <td><label for="password2">Retype password:</label
149 >
150 <td><input type="password" size="20" id="
151     password2" name="password2" />
152 </tr>
153 <tr>
154 <td colspan=3> <hr width=100% align="center" color=
155     "#d3d3d3">
156 </tr>
157 <td><label for="secques">Security Question:</label>
158 <td><select name="secques" id="secques">
159 <option value="Select a question.."> Select a question
160 .. </option>
161 <option value="What is your favorite childhood movie?"
162     " <?php if($secques == "What is your favorite
163     childhood movie?") echo "selected";?>> What is
164     your favorite childhood movie? </option>
165 <option value="What is your mother's maiden name?"
166     <?php if($secques == "What is your mother's
167     maiden name?") echo "selected";?>> What is
168     your mother's maiden name? </option>
169 <option value="Where is you father's hometown?" <?
170     php if($secques == "Where is you father's
171     hometown?") echo "selected";?>> Where is you
172     father's hometown? </option>
173 <option value="What is the name of your first pet dog?"
174     " <?php if($secques == "What is the name of
175     your first pet dog?") echo "selected";?>> What
176     is the name of your first pet dog? </option>
177 <option value="Who is your favorite elementary teacher
178     ?" <?php if($secques == "Who is your favorite
179     elementary teacher?") echo "selected";?>> Who
180     is your favorite elementary teacher? </option>
181 </select></td>
182
183 </tr>
184 <tr>
185 <td><label for="secans">Security Answer:</label>
186 <td><input type="text" size="20" id="secans"
187     name="secans" value="" <?php echo $secans;
188     ?>">
189 </tr>
190 </table><br>
191 <input type="submit" value="Edit User"/> <input
192     type="reset" value="Clear entries"/>
193 </form>
194 </div>
195 </body>
196 </html>

```

Listing 83: facultytasksview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
6     ".base_url()."css/style.css'>";
7 echo "<script type='text/javascript' src='".base_url
8     ()."js/dynamic.js"></script>";
9 echo "<script type='text/javascript' src='".base_url
10     ()."js/patientdb.js"></script>";
11
12 $session_data = $this->session->userdata('logged_in');
13 $username = $session_data['username'];
14
15 $session_data = $this->session->userdata('
16     current_patient');
17 $id = $session_data['id'];
18 ?>
19 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
20     Transitional//EN" "http://www.w3.org/TR/xhtml1
21     /DTD/xhtml1-transitional.dtd">
22 <html xmlns="http://www.w3.org/1999/xhtml" >
23 <head>
24 <link href="<?php echo base_url(); ?>css/ui-lightness/
25     jquery-ui-1.10.3.custom.css" rel="stylesheet">
26 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
27     "></script>
28 <script src="<?php echo base_url(); ?>js/jquery-ui
29     -1.10.3.custom.js"></script>
30
31 <?php $session_data = $this->session->userdata('
32     logged_in');
33 $sect = $session_data['section'];
34 $section = "";
35 foreach($sect as $row){
36     if($row != "System Maintenance"){
37         $section = $row;
38         break;
39     }
40 }
41 <title>Faculty Tasks - <?php echo $section; ?></
42     title>
43 <link rel="shortcut icon" href="<?php echo base_url();
44     ?>images/upcd-20140224-favicon.ico">
45 </head>
46
47 <body>
48
49 <div class="maindiv">
50 <div align="left"><br><a href="<?php echo base_url()
51     ;?>index.php/home"> Go Back </a></div><br>
52
53 <table align="center" class="altcolor" style="width
54     :90%; left:5%; text-align:center;">
55 <tr class="header">
56 <td colspan=6> Tasks Lists
57 </tr>
58 <tr>
59 <td>
60 <td> <b>Tasks</b>
61 <td> <b>Updated By</b>
62 <td> <b>Update Date</b>
63 <td> <b>Patient Name</b>
64 </tr>
65 <?php
66 $ctr = 0;
67 if($info){
68     $patientname="";
69 $count = sizeof($info);
70 foreach($info as $row){
71     if($row['patientdashboardversionID'] && $row['
72         updateStatus7'] == "Pending"){
73         $ctr++;
74         echo "<tr><td> $ctr ";
75         echo "<td> Verify Referral to ".$row['section7'];
76         $user = $this->user->getUserInfo($row['
77             updatedBy7']);
78         echo "<td>". $user['userName']. " ". $user['
79             userMName'], 0, 1)." ". $user['userLName'];
80         echo "<td>". $row['updateDate7'];
81         $patient = $this->patient->getPatient($row['
82             UPCD_ID7']);
83         foreach($patient as $row2){
84             $patientname = $row2['patientFName']. " ". $user[
85                 'userName'], 0, 1)." ". $row2['
86                 patientLName'];
87         }
88         echo "<td><a href='".base_url()."index.php/
89             loaddashboard/verifyentry/".$row['UPCD_ID7']
90             .'>". $patientname;
91         echo "</tr>";
92     }
93 }
94 if($info2){

```


Listing 87: header.php

```

1 <html>
2 <head>
3 <link href="<?php echo base_url(); ?>css/ui-lightness/
  jquery-ui-1.10.3.custom.css" rel="stylesheet">
4 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
  "></script>
5 <script src="<?php echo base_url(); ?>js/jquery-ui
  -1.10.3.custom.js"></script>
6 </head>
7 <body>
8 <?php
9 echo "<link rel='stylesheet' type='text/css' href='
  ".base_url()."css/style.css">";
10 $session_data = $this->session->userdata('logged_in');
11 $username = $session_data['username'];
12
13 ?>
14
15 <?php echo "<img src='".base_url()."images/upcd.png'
  style='position: absolute; top: 0%; height: 95px;'>"
  ; ?>
16
17 <?php
18 if($this->session->userdata('logged_in')){
19 echo "<div style='position: absolute; top: 1.25%; left :
  7%; color: white;'><h1><font face='Liberation

```

```

  Serif">Dental Information System 4.0</font></h1
  ></div>";
20 }
21 ?>
22
23 <div align=right class="rounded" style="margin-top:
  2%; width: 98%; background: #9400D3; height:30px;
  line-height:30px; padding: 7px; color: white;" >
24 <?php
25
26
27
28 if($this->session->userdata('logged_in'))
29 {
30 echo "You are logged in as: <a href='".base_url()."index
  .php/home'> $username </a> | <a href='".
  base_url()."index.php/profile'> My Profile </a> |
  <a href='".base_url()."index.php/home/logout'>
  Logout</a></div><br>";
31 }
32 else {
33 echo "You are not logged in | <a href='".base_url()."
  index.php/login'>Login</a></div><br><br><br><br>";
34 }
35 ?>
36 </body>
37 </html>

```

Listing 88: homeview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4 echo "<link rel='stylesheet' type='text/css' href='
  ".base_url()."css/style.css">";
5
6 ?>
7 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
  Transitional//EN" "http://www.w3.org/TR/xhtml1
  /DTD/xhtml1-transitional.dtd">
8 <html xmlns="http://www.w3.org/1999/xhtml">
9 <head>
10 <title>Home</title>
11 <link rel="shortcut icon" href="<?php echo base_url();
  ?>images/upcd-20140224-favicon.ico">
12 </head>
13 <body>
14 <div class="maindiv">
15 <br>
16
17 <?php
18 $session_data = $this->session->userdata('logged_in');
19 $roles = $session_data['role'];
20
21 if(in_array("System Administrator", $roles)){
22 echo "<table align='center' class='altcolor' style='
  width: 98%; color='violet' cellpadding=5px>
23 <tr class='header'>
24 <td colspan=5 style='text-align:center;'> Users
25 </tr>
26 <tr>
27 <td class='tab' align='center'><b> User </b>
28 <td class='tab' align='center'><b> Username </b>
29 <td class='tab' align='center'><b> Role </b>
30 <td class='tab' align='center'><b> Section </b>
31 <td class='tab' align='center'><b> Options </b>
32 </tr>";
33 if($users == FALSE) echo "<tr><td colspan=5><br
  > No users found <tr>";
34 else{
35 foreach($users as $row){
36 $uname = $row->username;
37 echo "<tr class='tab'><td class='tab'>". $row->
  userFName." ". $row->userLName;
38 echo "<td class='tab'>". $row->username;
39 echo "<td class='tab'>";
40 foreach($users2[$uname] as $row2){
41 echo $row2->role_type." <br>";
42 }
43 echo "<td class='tab'>";
44 foreach($users2[$uname] as $row2){
45 echo $row2->role_section." <br>";
46 }
47 echo "<td class='tab'><a href='".base_url()."index.
  php/edituser/edit/'. $row->userID.'">Edit</a
  >&nbsp;&nbsp;&nbsp;<a href=# onClick='confirmDelete('
  $row->userID.'"')>Delete</a><input type='
  hidden' name='userID' value='". $row->userID.'"
  '></tr>";
48 }
49 }
50 echo "</table><br><br>";
51 }
52
53 if(in_array("Faculty", $roles) || in_array("Student",
  $roles)){
54 echo "<table class='altcolor' align='center' style='

```

```

  width:98%; left:1%; text-align:center;'>
55 <tr class='header'>
56 <td colspan=6> Appointments
57 </tr>
58 <tr>
59 <td><br>
60 <td><b>Patient</b>
61 <td><b>Date</b>
62 <td>
63 </tr>";
64 if($appointments){
65 $count = sizeof($appointments);
66 $ctr = 1;
67 $patientname = "";
68 foreach($appointments as $row){
69 $patient = $this->patient->getPatient($row['
  UPCD_ID']);
70 foreach($patient as $row2){
71 $patientname = $row2['patientFName']." ".substr(
  $row2['patientMName'], 0, 1)." ". $row2['
  patientLName'];
72 }
73 echo "<tr><td>". $ctr;
74 echo "<td><a href='".base_url()."index.php/
  loadashboard/patientdb/'. $row['UPCD_ID']."'>"
  . $patientname." </a>";
75 echo "<td>". $row['appointmentDate'];
76 echo "<td>";
77 if($row['appointmentDate'] == 'Pending') echo "<a
  href='".base_url()."index.php/setappointment/
  patient/'. $row['UPCD_ID']."' onClick='setIDvalue
  (\\". $row['UPCD_ID'].\"')> Set Appointment
  </a>";
78 else echo "<a href='".base_url()."index.php/
  setappointment/patient/'. $row['UPCD_ID']."'>
  Reschedule </a> &nbsp;&nbsp;&nbsp;<a href=#'
  onClick='confirmDeleteSched(\\". $row['UPCD_ID
  ].\"')> Remove </a>";
79 echo "</tr>";
80 $ctr++;
81 }
82 }
83 else echo "<tr><td colspan=4> <br>No appointments
  found </tr>";
84
85 echo "<input type=hidden name='id' id='patientid'>
  </table><br><br>
86
87 <table align='center' class='altcolor' style='width
  :98%; left:5%; text-align:center;'>
88 <tr class='header'>
89 <td colspan=6> Tasks Lists
90 </tr>
91 <tr>
92 <td>
93 <td> <b>Tasks</b>
94 <td> <b>Updated By</b>
95 <td> <b>Update Date</b>
96 <td> <b>Patient Name</b>
97 </tr>";
98 $ctr = 0;
99 if($factasks){
100 $patientname="";
101 $count = sizeof($factasks);
102 foreach($factasks as $row){
103 if($row['patientdashboardversionID'] && $row['
  updateStatus7'] == "Pending"){
104 $ctr++;
105 echo "<tr><td> $ctr ";
106

```

```

107     echo "<td> Verify Referral to ".$row['section7'];
108     $user = $this->user->getUserInfo($row['updatedBy7']
109     );
110     echo "<td>".$user['userFName']. ". ".substr($user['
111     userMName'], 0, 1). ". ".substr($user['userLName'];
112     echo "<td>".$row['updateDate7'];
113     $patient = $this->patient->getPatient($row['
114     UPCD_ID7']);
115     foreach($patient as $row2){
116         $patientname = $row2['patientFName']. ". ".substr(
117         $row2['patientMName'], 0, 1). ". ".substr($row2['
118         patientLName'];
119     }
120     echo "<td><a href='".$base_url()."index.php/
121     loaddashboard/verifyentry/".$row['UPCD_ID7'].
122     ">".$patientname;
123     echo "</tr>";
124 }
125 }
126 if($tasks){
127     foreach($tasks as $row){
128         $ctr++;
129         $patientname = "";
130         $patient = $this->patient->getPatient($row['
131         UPCD_ID7']);
132     }
133     foreach($patient as $row2){
134         $patientname = $row2['patientFName']. ". ".substr(
135         $row2['patientMName'], 0, 1). ". ".substr($row2['
136         patientLName'];
137     }
138     if($ctr==0) echo "<tr> <td colspan=5> <br> No tasks
139     found </br>";
140 }
141 }
142 }
143 }
144 }
145 }
146 }

```

Listing 89: loadpatientdashboard.php

```

1 <?php if ( ! defined('BASEPATH')) exit('No direct script
2 access allowed');
3 session_start(); //we need to call PHP's session object to
4 access it through CI
5 class LoadDashboard extends CI_Controller {
6
7     function __construct()
8     {
9         parent::__construct();
10        $this->load->model('user','TRUE');
11    }
12
13    function patientdb(){
14        $session_data = $this->session->userdata('logged_in');
15        if($this->session->userdata('logged_in'))
16        {
17            $bool = false;
18            $sec = $session_data['section'];
19            foreach($sec as $row){
20                if($row == "Oral Diagnosis"){
21                    $bool = true;
22                    break;
23                }
24            }
25        }
26    }
27
28    }
29
30    }
31
32    }
33
34    }
35
36    }
37
38    }
39
40    }
41
42    }

```

Listing 90: loginview.php

```

1 <?php
2 echo "<link rel='stylesheet' type='text/css' href='
3 ".base_url()."css/style.css'>";
4
5 include('header.php');
6
7 <?>
8
9 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
10 Transitional//EN" "http://www.w3.org/TR/xhtml1
11 /DTD/xhtml1-transitional.dtd">
12 <html xmlns="http://www.w3.org/1999/xhtml">
13 <head>
14 <title>DentIST 4.0</title>
15 <link rel="shortcut icon" href="<?php echo base_url();
16 ?>images/upcd-20140224-favicon.ico">
17
18 </head>
19 <body>
20
21 <?php echo form_open('verifylogin'); ?>
22 <div style="margin: 0 auto; text-align:center;">
23 <br>
25
26
27
28
29
30
31
32
33
34

```

Listing 91: manageusersview.php

```

1 <?php
2 include('header.php');
3 echo "<link rel='stylesheet' type='text/css' href='
4 ".base_url()."css/style.css'>";
5
6 <?>
7
8 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
9 Transitional//EN" "http://www.w3.org/TR/xhtml1
10 /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml">
12 <head>
13 <title>Users - System Administrator </title>
14 <link rel="shortcut icon" href="<?php echo base_url();
15 ?>images/upcd-20140224-favicon.ico">
16
17 <script type="text/javascript">
18 function confirmDelete(choice){
19     var conf = confirm("Delete this user?");
20 }
21
22
23
24
25
26
27
28
29
30
31

```

```

126     $patientname = $row2['patientFName']. ". ".substr(
127     $row2['patientMName'], 0, 1). ". ".substr($row2['
128     patientLName'];
129 }
130 echo "<tr> <td> $ctr";
131 echo "<td>".$row['taskdescription'];
132 echo "<td><i> Pending </i>";
133 echo "<td><i> Pending </i>";
134 echo "<td><a href='".$base_url()."index.php/
135 loaddashboard/claimpatient/".$row['UPCD_ID7'].
136 ">".$patientname."</a></tr>";
137 }
138 }
139 if($ctr==0) echo "<tr> <td colspan=5> <br> No tasks
140 found </br>";
141 }
142 }
143 }
144 }
145 }
146 }

```

```

21 }
22 }
23 }
24 if($bool){
25     $serviceneeded = $this->patient->
26     getPatientInfoTreatmentPlan();
27
28     $this->load->view('patientdashboard_view',
29     $serviceneeded);
30 }
31 else
32     redirect('home','refresh');
33 }
34 else
35     {
36         //If no session, redirect to login page
37         redirect('login','refresh');
38     }
39 }
40 }
41 }
42 }

```

```

17 <div class="validation" style="display:<?if(
18 validation_errors() == true) echo 'block'; else
19 echo 'none'?>>
20 <?php echo validation_errors(); ?>
21 </div><br>
22 <table align="center"><tr>
23 <td><label for="username">Username:</label>
24 <input type="text" size="20" id="username"
25 name="username"/>
26 </tr>
27 <tr>
28 <td><label for="password">Password:</label>
29 <input type="password" size="20" id="
30 password" name="password"/>
31 </tr>
32 </table>
33 <a href="<?php echo base_url().'index.php/forgotpword
34 ?>">Forgot Password?</a><br><br>
35 <input type="submit" value="Login"/>
36 </div>
37 </form>
38 </body>
39 </html>

```

```

14 if(conf == true){
15     var url = "http://localhost/DentIST/index.php/
16     deleteuser/delete/" + choice;
17     window.location = url;
18 }
19 }
20 }
21 </script>
22
23 <style>
24 .altcolor tr:nth-child(even) {
25     background-color: #EEEEEE;
26 }
27 </style>
28 </head>
29 <body>
30 <?php include('navigation.php'); ?>
31 <div class="maindiv">

```

```

32 <h3 align=center>Users </h3>
33
34 <form action="<?php echo base_url().'.index.php/
    searchuser'?>" method=post>
35
36 <input type="text" name="searchuser" id="searchuser"
    class="search"> <input type="submit" value="
    Search" name="searchbtn"><br><br>
37
38 <hr width="95%">
39 <br>
40 <center>
41 <table class="altcolor" style="width: 90%;" color="
    violet" cellpadding=5px>
42 <tr class="header">
43 <td class="tab" align="center"> User
44 <td class="tab" align="center"> Username
45 <td class="tab" align="center"> Role
46 <td class="tab" align="center"> Section
47 <td class="tab" align="center"> Options
48 </tr>
49 </table>
50 <?php
51 if ($users == FALSE) echo "users:". $users;
52 else{
53     foreach($users as $row){
54         $uname = $row->username;
55
56         echo "<tr class='tab'><td class='tab'>". $row->
57             userFName. " ". $row->userLName;
58         echo "<td class='tab'>". $row->username;
59         echo "<td class='tab'>";
60         foreach($users2[$uname] as $row2){
61             echo $row2->role_type."<br>";
62         }
63         echo "<td class='tab'>";
64         foreach($users2[$uname] as $row2){
65             echo $row2->role_section."<br>";
66         }
67         echo "<td class='tab'><a href='". base_url().'.index.
68             php/edituser/edit/'. $row->userID.'">Edit</
69             a>&nbsp;&nbsp;<a href=# onClick='confirmDelete("
70             $.row->userID.'">Delete</a><input type='
71             hidden' name='userID' value='". $row->
72             userID.'"></tr>";
73     }
74 }
75 </table>
76 </center>
77 </form>
78 </div>
79 </body>
80 </html>

```

Listing 92: medandsochistoryview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
    ". base_url().'.css/style.css'>";
6 echo "<script type='text/javascript' src='". base_url().
    'js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='". base_url().
    'js/patientdb.js'></script>";
8
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml">
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
    jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
    -1.10.3.custom.js"></script>
16
17 <?php
18 $sec = $session_data['section'];
19 $sect = "";
20 foreach($sec as $row){
21     if($row != "System Maintenance");
22     $sect = $row;
23 } ?>
24
25 <title>Medical & Social History - <?php echo
    $section; ?></title>
26 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
27 <script>
28
29 $(function() {
30     $('datepicker').each(function(){
31         $(this).datepicker({
32             dateFormat: 'yy-mm-dd',
33             showAnim: 'slideDown',
34             changeMonth: true,
35             changeYear: true,
36             yearRange: '1910:'+year,
37             maxDate: 0
38         });
39     });
40
41 });
42
43 </script>
44 </head>
45 <?php
46 $session_data = $this->session->userdata('logged_in');
47 $username = $session_data['username'];
48
49
50 $session_data2 = $this->session->userdata('has_error');
51 $invalid_input = $session_data2['invalid_input'];
52
53 if ($recordexist){
54     foreach($info as $row){
55         $phname = $row['physician_name'];
56         $phnum = $row['physician_phone'];
57
58         $hospdate = $row['dateoflasthospitalization'];
59         $hospreason = $row['hospitalizationreason'];
60         $allergies = $row['allergies'];
61         $illnesses = $row['illnesses'];
62         $med = $row['medications'];
63         $sci = $row['childhood_illnesses'];
64         $cig = $row['cigarette'];
65         $cigkind = $row['cigarette_type'];
66         $cigfreq = $row['cigarette_frequency'];
67         $cigdur = $row['cigarette_duration'];
68         $cigdole = $row['cigarette_dateoflastexposure'];
69         $alco = $row['alcohol'];
70         $alcokind = $row['alcohol_type'];
71         $alcofreq = $row['alcohol_frequency'];
72         $alcodur = $row['alcohol_duration'];
73         $alcodole = $row['alcohol_dateoflastexposure'];
74         $drug = $row['drug'];
75         $drugkind = $row['drug_type'];
76         $drugfreq = $row['drug_frequency'];
77         $drugdur = $row['drug_duration'];
78         $drugdole = $row['drug_dateoflastexposure'];
79     }
80 }
81 <body>
82
83 <div class="maindiv">
84 <?php include('patient_header.php'); ?>
85
86 <div id="Content_Area">
87
88 <form id="ADDMEDANDSOCHISTORY" name="
    ADDMEDANDSOCHISTORY" action="<?php echo
    base_url();?>index.php/verifyaddmedandsochistory"
    method="post">
89
90 <br><a href="<?php echo base_url();?>index.php/
    loaddashboard/patientdb/<?php echo $id; ?>">
    Dashboard </a> &nbsp;&nbsp;<a href="<?php echo
    base_url();?>index.php/viewmedandsochistoversions">
    View Versions </a><br><br>
91
92 <div class="validationexc" style="display: <?php if($this
    ->session->userdata('has_error')) echo 'block'; else
    'none' ?>;">
93 <?php $session_data = $this->session->userdata('
    has_error');
94     echo $session_data['error'];
95 ?>
96 </div>
97 <div style="position: relative; text-align:right; color:
    red; right: 5%;"><i>* means required</i></div>
98 <table border="1" style="width: 100%; border-collapse: collapse">
99 <tr class="header">
100 <td colspan="2">Medical History
101 </tr>
102 <tr>
103 <td colspan="2"><font color='red'>*</font>
104 <td><input type="text" name="physicianname" value="
    "<?php if($invalid_input) echo $session_data2['
    phname']; elseif($recordexist == true) echo
    $phname; ?>">
105 </td>
106 <td><input type="text" name="physicianphone" value="
    "<?php if($invalid_input) echo
    $session_data2['phphone']; elseif($recordexist ==
    true) echo $phnum; ?>">
107 </td>
108 </tr>
109 </table>

```



```

233     };
234     elseif($recordexist == true && $drug=='Yes') echo
        'checked'; ?>> Yes <input type="radio" name
        ="drug" value="No" onClick="showHosp(this.
        name, this.value)" <?php
235     if($invalid_input){
236     if($session_data2['drug'] == "No") echo "checked";
237     }
238     elseif($recordexist == true && $drug=='No') echo
        'checked'; ?>> No
239 </tr>
240 <tr>
241 <td colspan=2><div id="drugtb" <?php
242     if($invalid_input){
243     if($session_data2['drug'] == "Yes") echo "style="
        display:block;left:15%; position: relative ;";
244     else echo "style='display:none;left:15%; position:
        relative ;";
245     }
246     elseif($recordexist == true && $drug=='Yes'){
247     echo "style='display:block; left:15%; position:
        relative ;";
248     }
249     else
250     echo "style='display:none; left:15%; position:
        relative ;";
251     ?>>
252 </table>
253 <tr>
254 <td>Type: <font color='red'*</font>
255 <td><input type="text" name="drugkind" value="
        <?php if($invalid_input) echo $session_data2[
        drugkind]; elseif($recordexist == true &&
        $drug=='Yes') echo $drugkind; ?>">
256 </tr>
257 <tr>
258 <td>Frequency: <font color='red'*</font>
259 <td><input type="text" name="drugfreq" value="
        <?php if($invalid_input) echo $session_data2[
        drugfreq]; elseif($recordexist == true && $drug
        =='Yes') echo $drugfreq; ?>">
260 </tr>
261 <tr>
262 <td>Duration: <font color='red'*</font>
263 <td><input type="text" name="drugdur" value="
        <?php if($invalid_input) echo $session_data2[
        drugdur]; elseif($recordexist == true && $drug
        =='Yes') echo $drugdur; ?>">
264 </tr>
265 <tr>
266 <td>Date of last exposure: <font color='red'*</
        font>
267 <td><input type="text" name="drugdole" class="
        datepicker" id="drugdole" value="<?php if(
        $invalid_input) echo $session_data2['drugdole'];
        elseif($recordexist == true && $drug=='Yes')
        echo $drugdole; ?>">
268 </tr>
269 </table>
270 </div></td>
271 </tr>
272 </table>
273
274
275 <br><br>
276
277 <input type="submit" value="Save"/> <input type="
        reset" value="Clear entries"/><br><br>
278 </form>
279 </div>
280 </div>
281
282 </body>
283 </html>

```

Listing 93: medandsochistoryreadon- lyview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
        ".base_url()."css/style.css">";
6 echo "<script type='text/javascript' src='".base_url().
        "js/dynamic.js"></script>";
7 echo "<script type='text/javascript' src='".base_url().
        "js/patientdb.js"></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
        Transitional//EN" "http://www.w3.org/TR/xhtml1
        /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
        jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
        "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
        -1.10.3.custom.js"></script>
16
17 <?php
18 $session_data = $this->session->userdata('logged_in');
19 $sect = $session_data['section'];
20 $section = "";
21 foreach($sect as $row){
22     if($row != "System Maintenance"){
23         $section = $row;
24         break;
25     }
26 }
27 ?>
28
29 <title>Medical & Social History - <?php echo
        $section; ?></title>
30
31 <link rel="shortcut icon" href="<?php echo base_url();
        ?>images/upcd-20140224-favicon.ico">
32 <script type="text/javascript">
33
34 </script>
35 </head>
36 <?php
37 $session_data = $this->session->userdata('logged_in');
38 $username_log = $session_data['username'];
39
40 $session_data2 = $this->session->userdata('has_error');
41 $invalid_input = $session_data2['invalid_input'];
42
43 if($recordexist){
44     foreach($info as $row){
45         $physname = $row['physician_name'];
46         $phynum = $row['physician_phone'];
47         $hospdate = $row['dateoflatesthospitalization'];
48         $hospreason = $row['hospitalizationreason'];
49         $allergies = $row['allergies'];
50         $illnesses = $row['illnesses'];
51         $med = $row['medications'];
52         $sci = $row['childhood_illnesses'];
53         $cig = $row['cigarette'];
54         $cigkind = $row['cigarette_type'];
55         $cigfreq = $row['cigarette_frequency'];
56         $cigdur = $row['cigarette_duration'];
57         $cigdole = $row['cigarette_dateoflastexposure'];
58         $alco = $row['alcohol'];
59         $alcokind = $row['alcohol_type'];
60         $alcofreq = $row['alcohol_frequency'];
61         $alcodur = $row['alcohol_duration'];
62         $alcodole = $row['alcohol_dateoflastexposure'];
63         $drug = $row['drug'];
64         $drugkind = $row['drug_type'];
65         $drugfreq = $row['drug_frequency'];
66         $drugdur = $row['drug_duration'];
67         $drugdole = $row['drug_dateoflastexposure'];
68     }
69 }
70 ?>
71 <body>
72
73 <div class="maindiv" style="border:0px;">
74 <?php include('patient_header.php'); ?>
75
76 <div id="Content_Area" style="border: solid 1px #7
        F00FF;">
77
78 <form id="ADDMEDANDSOCHISTORY" name="
        ADDMEDANDSOCHISTORY" action="<?php echo
        base_url(); ?>index.php/verifyaddmedandsochistory"
        method="post">
79
80 <br><a href="<?php echo base_url(); ?>index.php/
        loaddashboard/patientdb/<?php echo $id; ?>">
        Dashboard </a> &nbsp; <a href="<?php echo
        base_url(); ?>index.php/viewmedandsochistoversions"
        > View Versions </a><br><br>
81
82 <?php if($forapproval) echo "<h4 style='color:red;'>This
        patient's record is currently subject for approval.</
        h4>";
83
84 elseif($private) echo "<h4 style='color:red;' align='
        center'>This patient's record is under other
        clinician's supervision.</h4>"; ?>
85 <br>
86 <div class="validationexc" style="display: <?php if($this
        ->session->userdata('has_error')) echo 'block'; else
        'none' ?>"; ?>
87 <?php $session_data = $this->session->userdata('
        has_error');
88     echo $session_data['error'];
89

```

```

90     ?>
91 </div>
92
93
94
95
96 <table frame="box" class="frame">
97 <tr class="header">
98 <td colspan=2>Medical History
99 </tr>
100 <tr>
101 <td>Physician Name:
102 <td><input type="text" name="physicianname" value
    ="<?php if($invalid_input) echo $session_data2[
    'phyname']; elseif($recordexist == true) echo
    $phyname; ?>" readonly disabled>
103 </tr>
104 <tr>
105 <td>Phone number:
106 <td><input type="text" name="physicianphone"
    value="<?php if($invalid_input) echo
    $session_data2['phyphone']; elseif($recordexist ==
    true) echo $phynum; ?>" readonly disabled>
107 </tr>
108 <tr>
109 <td>Date of latest hospitalization:
110 <td><input type="text" name="hospdate" id="
    hospdate" value="<?php if($invalid_input) echo
    $session_data2['hospdate']; elseif($recordexist ==
    true) echo $hospdate; ?>" readonly disabled>
111 </tr>
112 <tr>
113 <td>Reason:
114 <td><input type="text" name="hospreason" value="
    <?php if($invalid_input) echo $session_data2[
    'hospreason']; elseif($recordexist == true) echo
    $hospreason; ?>" readonly disabled>
115 </tr>
116 <tr>
117 <td>Allergies:
118 <td><input type="text" name="allergies" value="<?
    php if($invalid_input) echo $session_data2[
    'allergies']; elseif($recordexist == true) echo
    $allergies; ?>" readonly disabled>
119 </tr>
120 <tr>
121 <td>Illnesses
122 <td><input type="text" name="illnesses" value="<?
    php if($invalid_input) echo $session_data2[
    'illnesses']; elseif($recordexist == true) echo
    $illnesses; ?>" readonly disabled>
123 </tr>
124 <tr>
125 <td>Medications
126 <td><input type="text" name="medications" value="
    <?php if($invalid_input) echo $session_data2[
    'medications']; elseif($recordexist == true) echo
    $med; ?>" readonly disabled>
127 </tr>
128 <tr>
129 <td>Childhood illnesses (below 18 y.o.)
130 <td><input type="text" name="ci" value="<?php if(
    $invalid_input) echo $session_data2['ci']; elseif(
    $recordexist == true) echo $ci; ?>" readonly
    disabled>
131 </tr>
132 </table><br>
133
134 <table frame="box" class="frame">
135 <tr class="header">
136 <td colspan=2>Social History
137 </tr>
138 <tr>
139 <td width=75%>Are you using or have you used
    tobacco/cigarettes?
140 <td><input type="radio" name="cig" value="Yes"
    onClick="showHosp(this.name, this.value)" <?
    php
141     if($invalid_input){
142     if($session_data2['cig'] == "Yes") echo "checked";
143     }
144     elseif($recordexist == true && $cig=='Yes') echo
    'checked'; ?> readonly disabled> Yes <input
    type="radio" name="cig" value="No" onClick
    ="showHosp(this.name, this.value)" <?php
145     if($invalid_input){
146     if($session_data2['cig'] == "No") echo "checked";
147     }
148     elseif($recordexist == true && $cig=='No') echo
    'checked'; ?> readonly disabled> No
149 </tr>
150 <tr>
151 <td colspan=2><div id="cigtb">
152 <?php if($invalid_input){
153     if($session_data2['cig'] == "Yes") echo "style="
    display:block;left:15%; position: relative ;";
154     else echo "style='display:none;left:15%; position:
    relative ;";
155     }
156     elseif($recordexist == true && $cig=='Yes'){
157     echo "style='display:block; left:15%; position:
    relative ;";
158     }
159     else
160     echo "style='display:none; left:15%; position:
    relative ;";
161     ?>>
162 <table>
163 <tr>
164 <td>Type:
165 <td><input type="text" name="cigkind" value="<?
    php if($invalid_input) echo $session_data2[
    'cigkind']; elseif($recordexist == true && $cig
    =='Yes') echo $cigkind; ?>" readonly disabled>
166 </tr>
167 <tr>
168 <td>Frequency:
169 <td><input type="text" name="cigfreq" value="<?
    php if($invalid_input) echo $session_data2[
    'cigfreq']; elseif($recordexist == true && $cig
    =='Yes') echo $cigfreq; ?>" readonly disabled>
170 </tr>
171 <tr>
172 <td>Duration:
173 <td><input type="text" name="cigdur" value="<?
    php if($invalid_input) echo $session_data2[
    'cigdur']; elseif($recordexist == true && $cig
    =='Yes') echo $cigdur; ?>" readonly disabled>
174 </tr>
175 <tr>
176 <td>Date of last exposure:
177 <td><input type="text" name="cigdole" id="
    cigdole" value="<?php if($invalid_input) echo
    $session_data2['cigdole']; elseif($recordexist ==
    true && $cig=='Yes') echo $cigdole; ?>"
    readonly disabled>
178 </tr>
179 </table>
180 </div></td>
181 </tr>
182 <tr>
183 <td width=75%>Do you drink alcoholic beverages?
184 <td><input type="radio" name="alco" value="Yes"
    onClick="showHosp(this.name, this.value)" <?
    php
185     if($invalid_input){
186     if($session_data2['alco'] == "Yes") echo "checked"
    ;
187     }
188     elseif($recordexist == true && $alco=='Yes') echo
    'checked'; ?> readonly disabled> Yes <input
    type="radio" name="alco" value="No" onClick
    ="showHosp(this.name, this.value)" <?php
189     if($invalid_input){
190     if($session_data2['alco'] == "No") echo "checked";
191     }
192     elseif($recordexist == true && $alco=='No') echo
    'checked'; ?> readonly disabled> No
193 </tr>
194 <tr>
195 <td colspan=2><div id="alcotb">
196 <?php if($invalid_input){
197     if($session_data2['alco'] == "Yes") echo "style="
    display:block;left:15%; position: relative ;";
198     else echo "style='display:none;left:15%; position:
    relative ;";
199     }
200     elseif($recordexist == true && $alco=='Yes'){
201     echo "style='display:block; left:15%; position:
    relative ;";
202     }
203     else
204     echo "style='display:none; left:15%; position:
    relative ;";
205     ?>>
206 <table>
207 <tr>
208 <td>Type:
209 <td><input type="text" name="alcokind" value="
    <?php if($invalid_input) echo $session_data2[
    'alcokind']; elseif($recordexist == true && $alco
    =='Yes') echo $alcokind; ?>" readonly disabled
    >
210 </tr>
211 <tr>
212 <td>Frequency:
213 <td><input type="text" name="alcofreq" value="
    <?php if($invalid_input) echo $session_data2[
    'alcofreq']; elseif($recordexist == true && $alco
    =='Yes') echo $alcofreq; ?>" readonly disabled
    >
214 </tr>
215 <tr>
216 <td>Duration:
217 <td><input type="text" name="alcodur" value="
    <?php if($invalid_input) echo $session_data2[
    'alcodur']; elseif($recordexist == true && $alco
    =='Yes') echo $alcodur; ?>" readonly disabled

```

```

218 >
219 </tr>
220 <tr>
221 <td><input type="text" name="alcodole" id="
alcodole" value="<?php if($invalid_input) echo
$session_data2['alcodole']; elseif($recordexist ==
true && $sig=='Yes') echo $alcodole; ?>"
readonly disabled>
222 </tr>
223 </table>
224 </div></td>
225 </tr>
226 <tr>
227 <td width="75%">Have you ever used drugs for
recreation or non-therapeutic purposes?
228 <td><input type="radio" name="drug" value="Yes"
onClick="showHosp(this.name, this.value)" <?
php
229 if($invalid_input){
230 if($session_data2['drug'] == "Yes") echo "checked"
;
231 }
232 elseif($recordexist == true && $drug=='Yes') echo
'checked'; ?> readonly disabled> Yes <input
type="radio" name="drug" value="No"
onClick="showHosp(this.name, this.value)" <?
php
233 if($invalid_input){
234 if($session_data2['drug'] == "No") echo "checked";
235 }
236 elseif($recordexist == true && $drug=='No') echo
'checked'; ?> readonly disabled> No
237 </tr>
238 <tr>
239 <td colspan=2><div id="drugtb" <?php
240 if($invalid_input){
241 if($session_data2['drug'] == "Yes") echo "style='
display:block;left:15%; position: relative ;'";
242 else echo "style='display:none;left:15%; position:
relative ;'";
243 }
244 elseif($recordexist == true && $drug=='Yes'){
245 echo "style='display:block; left:15%; position:
relative ;'";
246 }
247 else
248 echo "style='display:none; left:15%; position:
relative ;'";
249 ?>>
250 <table>
251 <tr>
252 <td>Type:
253 <td><input type="text" name="drugkind" value="
<?php if($invalid_input) echo $session_data2['
drugkind']; elseif($recordexist == true &&
$drug=='Yes') echo $drugkind; ?>" readonly
disabled>
254 </tr>
255 <tr>
256 <td>Frequency:
257 <td><input type="text" name="drugfreq" value="
<?php if($invalid_input) echo $session_data2['
drugfreq']; elseif($recordexist == true &&
$drug=='Yes') echo $drugfreq; ?>" readonly
disabled
>
258 </tr>
259 <tr>
260 <td>Duration:
261 <td><input type="text" name="drugdur" value="
<?php if($invalid_input) echo $session_data2['
drugdur']; elseif($recordexist == true &&
$drug=='Yes') echo $drugdur; ?>" readonly
disabled
>
262 </tr>
263 <tr>
264 <td>Date of last exposure:
265 <td><input type="text" name="drugdole" id="
drugdole" value="<?php if($invalid_input) echo
$session_data2['drugdole']; elseif($recordexist
== true && $drug=='Yes') echo $drugdole; ?>
" readonly disabled>
266 </tr>
267 </table>
268 </div></td>
269 </tr>
270 </table>
271 <br><br>
272 <br><br>
273 <br><br>
274 <br><br>
275 </form>
276 </div>
277 </div>
278 </body>
279 </body>
280 </html>
281 </html>

```

Listing 94: navigation.php

```

1 <style>
2 /* calendar */
3 table.calendar {
4 border-left:1px solid #999;
5 }
6 tr.calendar-row { }
7 td.calendar-day {
8 min-height:80px;
9 font-size:11px;
10 position: relative;
11 } * html div.calendar-day { height:80px; }
12
13 td.calendar-day:hover {
14 background:#eee;
15 }
16 td.calendar-day-np {
17 background:#eee; min-height:80px;
18 } * html div.calendar-day-np { height:80px; }
19
20 td.calendar-day-head {
21 background:#9400D3;
22 font-weight:bold;
23 text-align:center;
24 width:120px;
25 padding:1px;
26 border-bottom:1px solid #999;
27 border-top:1px solid #999;
28 border-right:1px solid #999;
29 color: white;
30 }
31
32 div.day-number {
33 background:#999;
34 padding:5px;
35 color:#fff;
36 font-weight:bold;
37 float:right;
38 margin:-5px -5px 0 0;
39 width:10px;
40 text-align:center; }
41 /* shared */
42 td.calendar-day, td.calendar-day-np { width:120px;
padding:5px; border: 1px solid #999;}
43
44 #accordion .ui-accordion-content { padding: 0;
45
46 </style>
47 <?php
48 echo "<link rel='stylesheet' type='text/css' href='
.base_url().'css/style.css'>";
49 $session_data = $this->session->userdata('logged_in');
50 $username = $session_data['username'];
51
52 ?>
53
54 <meta charset="utf-8">
55 <link href="<?php echo base_url(); ?>css/ui-lightness/
jquery-ui-1.10.3.custom.css" rel="stylesheet">
56 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
"></script>
57 <script src="<?php echo base_url(); ?>js/jquery-ui
-1.10.3.custom.js"></script>
58 <script>
59 $(function() {
60 $( "#accordion" ).accordion();
61 });
62 </script>
63 <body><br>
64 <div style="align: left ; width: 20%; position: absolute;
height:100%;">
65 <?php
66
67 $sysad = false;
68 $fac = false;
69 $stud = false;
70 $ODi = false;
71 $OM = false;
72 $PD = false;
73 $ODE = false;
74 $GQ = false;
75
76 $session_data = $this->session->userdata('logged_in');
77 $role = $session_data['role'];
78 $section = $session_data['section'];
79
80 foreach($role as $row){
81 if($row == "System Administrator")
82 $sysad = true;
83 elseif($row == "Faculty")
84 $fac = true;
85 elseif($row == "Student")
86 $stud = true;
87 }
88

```



```

89 foreach($section as $row){
90     if($row == "Oral Diagnosis")
91         $ODi = true;
92     elseif($row == "Oral Medicine")
93         $OM = true;
94     elseif($row == "Prosthodontics")
95         $PD = true;
96     elseif($row == "Operative Dentistry")
97         $ODe = true;
98     elseif($row == "General Query")
99         $GQ = true;
100 }
101 echo "<div id='accordion'>";
102 //echo "<center>";
103 if($sysad){
104     echo "<h3 align='center'> System Administrator</h3
105 >";
106     echo "<div style='text-align:center;'>
107 <div class='accord'><a href='\".base_url().\"index.php/
108 adduser'>Add a User</a></div>
109 <div class='accord'><a href='\".base_url().\"index.php/
110 manageusers'> View Users </a></div>
111 <div class='accord'><a href='\".base_url().\"index.php/
112 viewstat'> View Statistics </a></div>
113 <div class='accord'><a href='\".base_url().\"index.php/
114 searchpatient'><a href='\".base_url().\"index.php/
115 viewaudittrail'> View Audit Trail </a></div></
116 div>";
117 }
118 if($fac){
119     echo "<h3 align='center'> Faculty<br> (";
120     if($ODi) echo "Oral Diagnosis";
121     elseif($OM) echo "Oral Medicine";
122     elseif($PD) echo "Prosthodontics";
123     elseif($ODe) echo "Operative Dentistry";
124     elseif($GQ) echo "General Query";
125     echo ") </h3><div style='text-align:left;' >";
126     if($ODi){
127         echo "<div class='accord'><a href='\".base_url().\"
128 index.php/addpatient'> Add a Patient </a></
129 div>";
130     }
131     echo "<div class='accord'><a href='\".base_url().\"
132 index.php/searchpatient'> Query for Patient/s </
133 a></div>";
134     echo "<div class='accord'><a href='\".base_url().\"
135 index.php/facultytasks'> Tasks </a></div>";
136     echo "<div class='accord'><a href='\".base_url().\"
137 index.php/clinicianappointments'> View Clinician
138 Appointments </a></div>";
139     echo "<div class='accord'><a href='\".base_url().\"
140 index.php/viewclinicians'> View Section
141 Clinicians </a></div>";
142     echo "<div class='accord'><a href='\".base_url().\"
143 index.php/viewstat'> View Statistics </a></div
144 > </div>";
145 }
146 if($stud){
147     echo "<h3 align='center'> Student<br> (";
148     if($ODi) echo "Oral Diagnosis";
149     elseif($OM) echo "Oral Medicine";
150     elseif($PD) echo "Prosthodontics";
151     elseif($ODe) echo "Operative Dentistry";
152     elseif($GQ) echo "General Query";
153     echo ") </h3><div style='text-align:center;'>";
154     if($ODi){
155         echo "<div class='accord'><a href='\".base_url().\"
156 index.php/searchpatient'><a href='\".base_url().
157 \"index.php/addpatient'> Add a Patient </a></
158 div>";
159     }
160     echo "<div class='accord'><a href='\".base_url().\"
161 index.php/searchpatient'> Query for Patient/s </
162 a></div>
163 <div class='accord'><a href='\".base_url().\"index.php/
164 studenttasks'> Tasks </a></div>
165 <div class='accord'><a href='\".base_url().\"index.php/
166 viewappointments'> View Appointments </a
167 ></div> </div>";
168 }
169 echo "</center>";
170 echo "</div>";
171 }
172 }
173 }
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176 }
177 }
178 }
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1000 }

```

Listing 95: patientchecklistview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='\"stylesheet\"' type='\"text/css\"' href='
6 \".base_url().\"css/style.css\">";
7 echo "<script type='\"text/javascript\"' src='\".base_url().
8 \"js/dynamic.js\"></script>";
9 echo "<script type='\"text/javascript\"' src='\".base_url().
10 \"js/patientdb.js\"></script>";
11
12 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
13 Transitional//EN" "http://www.w3.org/TR/xhtml1
14 /DTD/xhtml1-transitional.dtd" >
15 <html xmlns="http://www.w3.org/1999/xhtml" >
16 <head>
17 <link href="<?php echo base_url(); ?>css/ui-lightness/
18 jquery-ui-1.10.3.custom.css" rel="stylesheet" >
19
20 ?>
21 </div>
22 </body>

```

```

14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
    -1.10.3.custom.js"></script>
16
17 <title>Patient Checklist - Oral Diagnosis</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21
22 </script>
23 </head>
24 <?php
25 $session_data = $this->session->userdata('logged_in');
26 $username_log = $session_data['username'];
27
28 $session_data2 = $this->session->userdata('has_error');
29 $invalid_input = $session_data2['invalid_input'];
30
31 if ($recordexist) {
32     foreach ($info as $row) {
33         $hbp = $row['highbloodpressure'];
34         $pij = $row['joint_pain'];
35         $ha = $row['heart_attack'];
36         $strem = $row['tremors'];
37         $sapcp = $row['chest_pain'];
38         $sbt = $row['blood_transfusion'];
39         $ssa = $row['swollen_ankles'];
40         $sdptgb = $row['denied_blood'];
41         $sfhf = $row['high_fever'];
42         $spal = $row['pallor'];
43         $spahv = $row['pacemaker'];
44         $sdia = $row['diabetes'];
45         $semp = $row['emphysema'];
46         $sgoi = $row['goiter'];
47         $saf = $row['afternoon_fever'];
48         $sboht = $row['bruising_tendency'];
49         $scc = $row['chronic_cough'];
50         $sswlog = $row['weight_change'];
51         $sbrp = $row['breathing_problem'];
52         $sft = $row['frequent_thirst'];
53         $sbs = $row['bloody_sputum'];
54         $sfh = $row['frequent_hunger'];
55         $ssin = $row['sinusitis'];
56         $sfur = $row['frequent_urination'];
57         $sfha = $row['frequent_headaches'];
58         $sche = $row['chemotherapy'];
59         $sdiz = $row['dizziness'];
60         $spuu = $row['pain_urination'];
61         $sfslc = $row['loss_consciousness'];
62         $sbiu = $row['urine_blood'];
63         $svi = $row['visual_impairment'];
64         $shep = $row['hepatitis'];
65         $shi = $row['hearing_impairment'];
66         $shiv = $row['HIV_positive'];
67         $sart = $row['arthritis'];
68         $spad = $row['pelvic_discomfort'];
69         $sner = $row['nervousness'];
70         $sdep = $row['depression'];
71         $sanx = $row['anxiety'];
72         $sast = $row['asthma'];
73         $spatientoth = $row['patientothers'];
74         $spatientoht = $row['patientothers.text'];
75         $sdiaf = $row['familydiabetes'];
76         $sbdf = $row['bleeding_disorder'];
77         $shdf = $row['heart_diseases'];
78         $scanf = $row['cancer'];
79         $sfamilyoth = $row['familyothers'];
80         $sfamilyoht = $row['familyothers.text'];
81         $sdruga = $row['familydiabetes'];
82         $sfooda = $row['familydiabetes'];
83         $sruba = $row['familydiabetes'];
84         $sallergyoth = $row['allergyothers'];
85         $sallergyoht = $row['allergyothers.text'];
86         $spregfe = $row['pregnant'];
87         $sbffe = $row['breastfeeding'];
88         $shrtfe = $row['hormonetherapy'];
89         $smensfe = $row['menstruation'];
90         $sconfe = $row['contraceptive'];
91
92     }
93 }
94 ?>
95 <body>
96
97
98
99 <div class="maindiv">
100 <?php include('patient_header.php'); ?>
101 <div id="Content_Area">
102
103 <form id="ADDPATIENTCHECKLIST" name="
    ADDPATIENTCHECKLIST" action="<?php echo
    base_url();?>index.php/verifyaddpatientchecklist"
    method="post">
104
105 <br><a href="<?php echo base_url();?>index.php/
    loaddashboard/patientdb/<?php echo $id; ?>">
    Dashboard </a> &nbsp;   <a href="<?php echo
    base_url();?>index.php/viewpatientchecklistversions"
    > View Versions </a><br><br>
106
107 <div class="validationexc" style="display: <?php if($this
    ->session->userdata('has_error')) echo 'block'; else
    'none' ?>;">
108 <?php $session_data = $this->session->userdata('
    has_error');
109     echo $session_data['error'];
110 ?>
111 </div>
112 <div style="position: relative; text-align:right; color:
    red; right: 5%;"><i>* means required</i></div>
113 <table frame="box" class="frame">
114 <tr class="header">
115 <td colspan=6>Patient Checklist
116 </tr>
117 <tr>
118 <td colspan=6>Do you have or have you had any of
    the following?
119 <input type=button name="first" value="Yes" all"
    onClick="checkAll1(true);"><input type=
    button value="No" all" onClick="checkAll1(
    false);">
120 </tr>
121 <tr>
122 <td> YES
123 <td> NO
124 <td>
125 <td> YES
126 <td> NO
127 <td>
128 </tr>
129 <tr>
130 <td><input type="radio" name="hbp" id="hbpy"
    value="Yes" <?php
131     if ($invalid_input) {
132         if ($session_data2['hbp'] == "Yes") echo "checked";
133     }
134     elseif ($recordexist == true && $hbp=="Yes") echo
    'checked'; ?>>
135 <td><input type="radio" name="hbp" id="hbpn"
    value="No" <?php
136     if ($invalid_input) {
137         if ($session_data2['hbp'] == "No") echo "checked";
138     }
139     elseif ($recordexist == true && $hbp=="No") echo
    'checked'; ?>>
140 <td>High blood pressure<font color='red'*</font>
141 <td><input type="radio" name="pij" id="pijy"
    value="Yes" <?php
142     if ($invalid_input) {
143         if ($session_data2['pij'] == "Yes") echo "checked";
144     }
145     elseif ($recordexist == true && $pij=="Yes") echo
    'checked'; ?>>
146 <td><input type="radio" name="pij" id="pijn"
    value="No" <?php
147     if ($invalid_input) {
148         if ($session_data2['pij'] == "No") echo "checked";
149     }
150     elseif ($recordexist == true && $pij=="No") echo
    'checked'; ?>>
151 <td>Pain in joints<font color='red'*</font>
152 </tr>
153 <tr>
154 <td><input type="radio" name="ha" id="hay" value
    ="Yes" <?php
155     if ($invalid_input) {
156         if ($session_data2['ha'] == "Yes") echo "checked";
157     }
158     elseif ($recordexist == true && $ha=="Yes") echo
    'checked'; ?>>
159 <td><input type="radio" name="ha" id="han" value
    ="No" <?php
160     if ($invalid_input) {
161         if ($session_data2['ha'] == "No") echo "checked";
162     }
163     elseif ($recordexist == true && $ha=="No") echo
    'checked'; ?>>
164 <td>Heart attack<font color='red'*</font>
165 <td><input type="radio" name="trem" id="tremy"
    value="Yes" <?php
166     if ($invalid_input) {
167         if ($session_data2['trem'] == "Yes") echo "checked"
    ;
168     }
169     elseif ($recordexist == true && $trem=="Yes") echo
    'checked'; ?>>
170 <td><input type="radio" name="trem" id="tremn"
    value="No" <?php
171     if ($invalid_input) {
172         if ($session_data2['trem'] == "No") echo "checked";
173     }
174     elseif ($recordexist == true && $trem=="No") echo
    'checked'; ?>>
175 <td>Tremors<font color='red'*</font>
176 </tr>

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177 <tr>
178 <td><input type="radio" name="apcp" id="apcpy"
179 value="Yes" <?php
180 if ($invalid_input){
181     if ($session_data2['apcp'] == "Yes") echo "checked"
182     ;
183 }
184 elseif ($recordexist == true && $apcp=="Yes")
185     echo 'checked'; ?>>
186 <td><input type="radio" name="apcp" id="apcpn"
187 value="No" <?php
188 if ($invalid_input){
189     if ($session_data2['apcp'] == "No") echo "checked";
190 }
191 elseif ($recordexist == true && $apcp=="No") echo
192     'checked'; ?>>
193 <td>Angia Pectoris, chest pain<font color='red'*</
194 font>
195 <td><input type="radio" name="bt" id="bty" value
196 ="Yes" <?php
197 if ($invalid_input){
198     if ($session_data2['bt'] == "Yes") echo "checked";
199 }
200 elseif ($recordexist == true && $bt=="Yes") echo '
201 checked'; ?>>
202 <td><input type="radio" name="bt" id="btn" value
203 ="No" <?php
204 if ($invalid_input){
205     if ($session_data2['bt'] == "No") echo "checked";
206 }
207 elseif ($recordexist == true && $bt=="No") echo '
208 checked'; ?>>
209 <td>Blood transfusion<font color='red'*</font>
210 </tr>
211 <tr>
212 <td><input type="radio" name="sa" id="say" value
213 ="Yes" <?php
214 if ($invalid_input){
215     if ($session_data2['sa'] == "Yes") echo "checked";
216 }
217 elseif ($recordexist == true && $sa=="Yes") echo '
218 checked'; ?>>
219 <td><input type="radio" name="sa" id="san" value
220 ="No" <?php
221 if ($invalid_input){
222     if ($session_data2['sa'] == "No") echo "checked";
223 }
224 elseif ($recordexist == true && $sa=="No") echo '
225 checked'; ?>>
226 <td>Swollen ankles<font color='red'*</font>
227 <td><input type="radio" name="dptgb" id="dptgby
228 " value="Yes" <?php
229 if ($invalid_input){
230     if ($session_data2['dptgb'] == "Yes") echo "checked
231     ";
232 }
233 elseif ($recordexist == true && $dptgb=="Yes")
234     echo 'checked'; ?>>
235 <td><input type="radio" name="dptgb" id="dptgbn
236 " value="No" <?php
237 if ($invalid_input){
238     if ($session_data2['dptgb'] == "No") echo "checked
239     ";
240 }
241 elseif ($recordexist == true && $dptgb=="No")
242     echo 'checked'; ?>>
243 <td>Denied permission to give blood<font color='red'
244 >*</font>
245 </tr>
246 <tr>
247 <td><input type="radio" name="fhf" id="fhfy"
248 value="Yes" <?php
249 if ($invalid_input){
250     if ($session_data2['fhf'] == "Yes") echo "checked";
251 }
252 elseif ($recordexist == true && $fhf=="Yes") echo '
253 checked'; ?>>
254 <td><input type="radio" name="fhf" id="fhfn"
255 value="No" <?php
256 if ($invalid_input){
257     if ($session_data2['fhf'] == "No") echo "checked";
258 }
259 elseif ($recordexist == true && $fhf=="No") echo '
260 checked'; ?>>
261 <td>Frequent high fever<font color='red'*</font>
262 <td><input type="radio" name="pal" id="paly"
263 value="Yes" <?php
264 if ($invalid_input){
265     if ($session_data2['pal'] == "Yes") echo "checked";
266 }
267 elseif ($recordexist == true && $pal=="Yes") echo '
268 checked'; ?>>
269 <td><input type="radio" name="pal" id="paln"
270 value="No" <?php
271 if ($invalid_input){
272     if ($session_data2['pal'] == "No") echo "checked";
273 }
274 elseif ($recordexist == true && $pal=="No") echo '
275 checked'; ?>>
276 <td>Pallor<font color='red'*</font>
277 </tr>
278 <tr>
279 <td><input type="radio" name="pahv" id="pahvy"
280 value="Yes" <?php
281 if ($invalid_input){
282     if ($session_data2['pahv'] == "Yes") echo "checked"
283     ;
284 }
285 elseif ($recordexist == true && $pahv=="Yes")
286     echo 'checked'; ?>>
287 <td><input type="radio" name="pahv" id="pahvn"
288 value="No" <?php
289 if ($invalid_input){
290     if ($session_data2['pahv'] == "No") echo "checked";
291 }
292 elseif ($recordexist == true && $pahv=="No") echo
293     'checked'; ?>>
294 <td>Pacemakers, artificial heart valves<font color='
295 red'*</font>
296 <td><input type="radio" name="dia" id="diay"
297 value="Yes" <?php
298 if ($invalid_input){
299     if ($session_data2['dia'] == "Yes") echo "checked";
300 }
301 elseif ($recordexist == true && $dia=="Yes") echo '
302 checked'; ?>>
303 <td><input type="radio" name="dia" id="dian"
304 value="No" <?php
305 if ($invalid_input){
306     if ($session_data2['dia'] == "No") echo "checked";
307 }
308 elseif ($recordexist == true && $dia=="No") echo '
309 checked'; ?>>
310 <td>Diabetes<font color='red'*</font>
311 </tr>
312 <tr>
313 <td><input type="radio" name="emp" id="empy"
314 value="Yes" <?php
315 if ($invalid_input){
316     if ($session_data2['emp'] == "Yes") echo "checked";
317 }
318 elseif ($recordexist == true && $emp=="Yes") echo
319     'checked'; ?>>
320 <td><input type="radio" name="emp" id="empn"
321 value="No" <?php
322 if ($invalid_input){
323     if ($session_data2['emp'] == "No") echo "checked";
324 }
325 elseif ($recordexist == true && $emp=="No") echo
326     'checked'; ?>>
327 <td>Emphysema<font color='red'*</font>
328 <td><input type="radio" name="goi" id="goiy"
329 value="Yes" <?php
330 if ($invalid_input){
331     if ($session_data2['goi'] == "Yes") echo "checked";
332 }
333 elseif ($recordexist == true && $goi=="Yes") echo '
334 checked'; ?>>
335 <td><input type="radio" name="goi" id="goin"
336 value="No" <?php
337 if ($invalid_input){
338     if ($session_data2['goi'] == "No") echo "checked";
339 }
340 elseif ($recordexist == true && $goi=="No") echo '
341 checked'; ?>>
342 <td>Goiter<font color='red'*</font>
343 </tr>
344 <tr>
345 <td><input type="radio" name="af" id="afy" value
346 ="Yes" <?php
347 if ($invalid_input){
348     if ($session_data2['af'] == "Yes") echo "checked";
349 }
350 elseif ($recordexist == true && $af=="Yes") echo '
351 checked'; ?>>
352 <td><input type="radio" name="af" id="afn" value
353 ="No" <?php
354 if ($invalid_input){
355     if ($session_data2['af'] == "No") echo "checked";
356 }
357 elseif ($recordexist == true && $af=="No") echo '
358 checked'; ?>>
359 <td>Afternoon fever<font color='red'*</font>
360 <td><input type="radio" name="bobt" id="bobty"
361 value="Yes" <?php
362 if ($invalid_input){
363     if ($session_data2['bobt'] == "Yes") echo "checked"
364     ;
365 }
366 elseif ($recordexist == true && $bobt=="Yes") echo
367     'checked'; ?>>
368 <td><input type="radio" name="bobt" id="bobtn"
369 value="No" <?php
370 if ($invalid_input){
371     if ($session_data2['bobt'] == "No") echo "checked";
372 }
373 elseif ($recordexist == true && $bobt=="No") echo
374     'checked'; ?>>

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319 <td>Bleeding or bruising tendency<font color='red'
320 >*</font>
321 </tr>
322 <td><input type="radio" name="cc" id="ccy" value
323 ="Yes" <?php
324 if($invalid_input){
325 if($session_data2['cc'] == "Yes") echo "checked";
326 }
327 elseif($recordexist == true && $cc=='Yes') echo '
328 checked'; ?>>
329 <td><input type="radio" name="cc" id="ccn" value
330 ="No" <?php
331 if($invalid_input){
332 if($session_data2['cc'] == "No") echo "checked";
333 }
334 elseif($recordexist == true && $cc=='No') echo '
335 checked'; ?>>
336 <td>Chronic cough<font color='red'>*</font>
337 <td><input type="radio" name="swlog" id="swlogy"
338 value="Yes" <?php
339 if($invalid_input){
340 if($session_data2['swlog'] == "Yes") echo "checked
341 ";
342 }
343 elseif($recordexist == true && $swlog=='Yes')
344 echo 'checked'; ?>>
345 <td><input type="radio" name="swlog" id="swlogn"
346 value="No" <?php
347 if($invalid_input){
348 if($session_data2['swlog'] == "No") echo "checked
349 ";
350 }
351 elseif($recordexist == true && $swlog=='No')
352 echo 'checked'; ?>>
353 <td>Sudden weight loss or gain<font color='red'>*</
354 font>
355 </tr>
356 <td><input type="radio" name="brp" id="brpy"
357 value="Yes" <?php
358 if($invalid_input){
359 if($session_data2['brp'] == "Yes") echo "checked";
360 }
361 elseif($recordexist == true && $brp=='Yes') echo
362 'checked'; ?>>
363 <td><input type="radio" name="brp" id="brpn"
364 value="No" <?php
365 if($invalid_input){
366 if($session_data2['brp'] == "No") echo "checked";
367 }
368 elseif($recordexist == true && $brp=='No') echo
369 'checked'; ?>>
370 <td>Breathing problems<font color='red'>*</font>
371 <td><input type="radio" name="ft" id="fty" value=
372 ="Yes" <?php
373 if($invalid_input){
374 if($session_data2['ft'] == "Yes") echo "checked";
375 }
376 elseif($recordexist == true && $ft=='Yes') echo
377 'checked'; ?>>
378 <td><input type="radio" name="ft" id="ftn" value=
379 ="No" <?php
380 if($invalid_input){
381 if($session_data2['ft'] == "No") echo "checked";
382 }
383 elseif($recordexist == true && $ft=='No') echo
384 'checked'; ?>>
385 <td>Frequent thirst<font color='red'>*</font>
386 </tr>
387 <td><input type="radio" name="bs" id="bsy" value
388 ="Yes" <?php
389 if($invalid_input){
390 if($session_data2['bs'] == "Yes") echo "checked";
391 }
392 elseif($recordexist == true && $bs=='Yes') echo
393 'checked'; ?>>
394 <td><input type="radio" name="bs" id="bsn" value
395 ="No" <?php
396 if($invalid_input){
397 if($session_data2['bs'] == "No") echo "checked";
398 }
399 elseif($recordexist == true && $bs=='No') echo
400 'checked'; ?>>
401 <td>Bloody sputum<font color='red'>*</font>
402 <td><input type="radio" name="fh" id="fhy" value
403 ="Yes" <?php
404 if($invalid_input){
405 if($session_data2['fh'] == "Yes") echo "checked";
406 }
407 elseif($recordexist == true && $fh=='Yes') echo
408 'checked'; ?>>
409 <td><input type="radio" name="fh" id="fhn" value
410 ="No" <?php
411 if($invalid_input){
412 if($session_data2['fh'] == "No") echo "checked";
413 }
414 elseif($recordexist == true && $fh=='No') echo
415 'checked'; ?>>
416 <td>Bleeding or bruising tendency<font color='red'>
417 >*</font>
418 </tr>
419 <td><input type="radio" name="sin" id="siny"
420 value="Yes" <?php
421 if($invalid_input){
422 if($session_data2['sin'] == "Yes") echo "checked";
423 }
424 elseif($recordexist == true && $sin=='Yes') echo
425 'checked'; ?>>
426 <td><input type="radio" name="sin" id="sinn"
427 value="No" <?php
428 if($invalid_input){
429 if($session_data2['sin'] == "No") echo "checked";
430 }
431 elseif($recordexist == true && $sin=='No') echo
432 'checked'; ?>>
433 <td>Sinusitis<font color='red'>*</font>
434 <td><input type="radio" name="fur" id="fury"
435 value="Yes" <?php
436 if($invalid_input){
437 if($session_data2['fur'] == "Yes") echo "checked";
438 }
439 elseif($recordexist == true && $fur=='Yes') echo
440 'checked'; ?>>
441 <td><input type="radio" name="fur" id="furn"
442 value="No" <?php
443 if($invalid_input){
444 if($session_data2['fur'] == "No") echo "checked";
445 }
446 elseif($recordexist == true && $fur=='No') echo
447 'checked'; ?>>
448 <td>Frequent urination<font color='red'>*</font>
449 </tr>
450 <td><input type="radio" name="fha" id="fhay"
451 value="Yes" <?php
452 if($invalid_input){
453 if($session_data2['fha'] == "Yes") echo "checked";
454 }
455 elseif($recordexist == true && $fha=='Yes') echo
456 'checked'; ?>>
457 <td><input type="radio" name="fha" id="fhan"
458 value="No" <?php
459 if($invalid_input){
460 if($session_data2['fha'] == "No") echo "checked";
461 }
462 elseif($recordexist == true && $fha=='No') echo
463 'checked'; ?>>
464 <td>Frequent headaches<font color='red'>*</font>
465 <td><input type="radio" name="che" id="chey"
466 value="Yes" <?php
467 if($invalid_input){
468 if($session_data2['che'] == "Yes") echo "checked";
469 }
470 elseif($recordexist == true && $che=='Yes') echo
471 'checked'; ?>>
472 <td><input type="radio" name="che" id="chen"
473 value="No" <?php
474 if($invalid_input){
475 if($session_data2['che'] == "No") echo "checked";
476 }
477 elseif($recordexist == true && $che=='No') echo
478 'checked'; ?>>
479 <td>Chemotherapy<font color='red'>*</font>
480 </tr>
481 <td><input type="radio" name="diz" id="dizy"
482 value="Yes" <?php
483 if($invalid_input){
484 if($session_data2['diz'] == "Yes") echo "checked";
485 }
486 elseif($recordexist == true && $diz=='Yes') echo
487 'checked'; ?>>
488 <td><input type="radio" name="diz" id="dizn"
489 value="No" <?php
490 if($invalid_input){
491 if($session_data2['diz'] == "No") echo "checked";
492 }
493 elseif($recordexist == true && $diz=='No') echo
494 'checked'; ?>>
495 <td>Dizziness<font color='red'>*</font>
496 <td><input type="radio" name="puu" id="puuy"
497 value="Yes" <?php
498 if($invalid_input){
499 if($session_data2['puu'] == "Yes") echo "checked";
500 }
501 elseif($recordexist == true && $puu=='Yes') echo
502 'checked'; ?>>
503 <td><input type="radio" name="puu" id="puun"
504 value="No" <?php
505 if($invalid_input){
506 if($session_data2['puu'] == "No") echo "checked";
507 }
508 elseif($recordexist == true && $puu=='No') echo
509 'checked'; ?>>
510 <td>Pain upon urination<font color='red'>*</font>
511 </tr>

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465 <tr>
466 <td><input type="radio" name="fslc" id="fslcy"
      value="Yes" <?php
467 if ($invalid_input){
468 if ($session_data2['fslc'] == "Yes") echo "checked"
      ;
469 }
470 elseif ($recordexist == true && $fslc=="Yes") echo
      'checked'; ?>>
471 <td><input type="radio" name="fslc" id="fslcn"
      value="No" <?php
472 if ($invalid_input){
473 if ($session_data2['fslc'] == "No") echo "checked";
474 }
475 elseif ($recordexist == true && $fslc=="No") echo '
      checked'; ?>>
476 <td>Fainting spells or loss of conciousness<font color
      ='red'>*</font>
477 <td><input type="radio" name="biu" id="biuy"
      value="Yes" <?php
478 if ($invalid_input){
479 if ($session_data2['biu'] == "Yes") echo "checked";
480 }
481 elseif ($recordexist == true && $biu=="Yes") echo '
      checked'; ?>>
482 <td><input type="radio" name="biu" id="biun"
      value="No" <?php
483 if ($invalid_input){
484 if ($session_data2['biu'] == "No") echo "checked";
485 }
486 elseif ($recordexist == true && $biu=="No") echo '
      checked'; ?>>
487 <td>Blood/pus in urine<font color='red'>*</font>
488 </tr>
489 <tr>
490 <td><input type="radio" name="vi" id="viy" value
      ="Yes" <?php
491 if ($invalid_input){
492 if ($session_data2['vi'] == "Yes") echo "checked";
493 }
494 elseif ($recordexist == true && $vi=="Yes") echo '
      checked'; ?>>
495 <td><input type="radio" name="vi" id="vin" value
      ="No" <?php
496 if ($invalid_input){
497 if ($session_data2['vi'] == "No") echo "checked";
498 }
499 elseif ($recordexist == true && $vi=="No") echo '
      checked'; ?>>
500 <td>Visual impairment<font color='red'>*</font>
501 <td><input type="radio" name="hep" id="hepy"
      value="Yes" <?php
502 if ($invalid_input){
503 if ($session_data2['hep'] == "Yes") echo "checked";
504 }
505 elseif ($recordexist == true && $hep=="Yes") echo
      'checked'; ?>>
506 <td><input type="radio" name="hep" id="hepn"
      value="No" <?php
507 if ($invalid_input){
508 if ($session_data2['hep'] == "No") echo "checked";
509 }
510 elseif ($recordexist == true && $hep=="No") echo '
      checked'; ?>>
511 <td>Hepatitis (A, B, C, D)<font color='red'>*</font
      >
512 </tr>
513 <tr>
514 <td><input type="radio" name="hi" id="hiy" value
      ="Yes" <?php
515 if ($invalid_input){
516 if ($session_data2['hi'] == "Yes") echo "checked";
517 }
518 elseif ($recordexist == true && $hi=="Yes") echo '
      checked'; ?>>
519 <td><input type="radio" name="hi" id="hin" value
      ="No" <?php
520 if ($invalid_input){
521 if ($session_data2['hi'] == "No") echo "checked";
522 }
523 elseif ($recordexist == true && $hi=="No") echo '
      checked'; ?>>
524 <td>Hearing impairment<font color='red'>*</font>
525 <td><input type="radio" name="hiv" id="hivy"
      value="Yes" <?php
526 if ($invalid_input){
527 if ($session_data2['hiv'] == "Yes") echo "checked";
528 }
529 elseif ($recordexist == true && $hiv=="Yes") echo '
      checked'; ?>>
530 <td><input type="radio" name="hiv" id="hivn"
      value="No" <?php
531 if ($invalid_input){
532 if ($session_data2['hiv'] == "No") echo "checked";
533 }
534 elseif ($recordexist == true && $hiv=="No") echo '
      checked'; ?>>
535 <td>HIV positive?<font color='red'>*</font>
536 </tr>
537 <tr>
538 <td><input type="radio" name="art" id="arty"
      value="Yes" <?php
539 if ($invalid_input){
540 if ($session_data2['art'] == "Yes") echo "checked";
541 }
542 elseif ($recordexist == true && $art=="Yes") echo '
      checked'; ?>>
543 <td><input type="radio" name="art" id="artn"
      value="No" <?php
544 if ($invalid_input){
545 if ($session_data2['art'] == "No") echo "checked";
546 }
547 elseif ($recordexist == true && $art=="No") echo '
      checked'; ?>>
548 <td>Arthritis<font color='red'>*</font>
549 <td><input type="radio" name="pad" id="pady"
      value="Yes" <?php
550 if ($invalid_input){
551 if ($session_data2['pad'] == "Yes") echo "checked";
552 }
553 elseif ($recordexist == true && $pad=="Yes") echo
      'checked'; ?>>
554 <td><input type="radio" name="pad" id="padn"
      value="No" <?php
555 if ($invalid_input){
556 if ($session_data2['pad'] == "No") echo "checked";
557 }
558 elseif ($recordexist == true && $pad=="No") echo '
      checked'; ?>>
559 <td>Pelvic/lower abdominal discomfort<font color='
      red'>*</font>
560 </tr>
561 <tr>
562 <td><input type="radio" name="ner" id="nery"
      value="Yes" <?php
563 if ($invalid_input){
564 if ($session_data2['ner'] == "Yes") echo "checked";
565 }
566 elseif ($recordexist == true && $ner=="Yes") echo '
      checked'; ?>>
567 <td><input type="radio" name="ner" id="nern"
      value="No" <?php
568 if ($invalid_input){
569 if ($session_data2['ner'] == "No") echo "checked";
570 }
571 elseif ($recordexist == true && $ner=="No") echo '
      checked'; ?>>
572 <td>Nervousness<font color='red'>*</font>
573 <td><input type="radio" name="dep" id="depy"
      value="Yes" <?php
574 if ($invalid_input){
575 if ($session_data2['dep'] == "Yes") echo "checked";
576 }
577 elseif ($recordexist == true && $dep=="Yes") echo
      'checked'; ?>>
578 <td><input type="radio" name="dep" id="depn"
      value="No" <?php
579 if ($invalid_input){
580 if ($session_data2['dep'] == "No") echo "checked";
581 }
582 elseif ($recordexist == true && $dep=="No") echo '
      checked'; ?>>
583 <td>Depression<font color='red'>*</font>
584 </tr>
585 <tr>
586 <td><input type="radio" name="anx" id="anxy"
      value="Yes" <?php
587 if ($invalid_input){
588 if ($session_data2['anx'] == "Yes") echo "checked";
589 }
590 elseif ($recordexist == true && $anx=="Yes") echo
      'checked'; ?>>
591 <td><input type="radio" name="anx" id="anxn"
      value="No" <?php
592 if ($invalid_input){
593 if ($session_data2['anx'] == "No") echo "checked";
594 }
595 elseif ($recordexist == true && $anx=="No") echo '
      checked'; ?>>
596 <td>Anxiety<font color='red'>*</font>
597 <td><input type="radio" name="oth" id="othy"
      value="Yes" onChange="showdiv(this.name, this
      .value);" onLoad="showdiv(this.name, this.value)
      ;" <?php
598 if ($invalid_input){
599 if ($session_data2['oth'] == "Yes") echo "checked";
600 }
601 elseif ($recordexist == true && $patientoth=="Yes")
      echo 'checked'; ?>>
602 <td><input type="radio" name="oth" id="othn"
      value="No" onChange="showdiv(this.name, this.
      value);" onLoad="showdiv(this.name, this.value);"
      <?php
603 if ($invalid_input){
604 if ($session_data2['oth'] == "No") echo "checked";
605 }
606 elseif ($recordexist == true && $patientoth=="No")
      echo 'checked'; ?>>

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607 <td>Others<font color='red'*</font>
608 </tr>
609 <tr>
610 <td><input type="radio" name="ast" id="asty"
        value="Yes" <?php
611 if($invalid_input){
612 if($session_data2['ast'] == "Yes") echo "checked";
613 }
614 elseif($recordexist == true && $ast=="Yes") echo '
        checked'; ?>>
615 <td><input type="radio" name="ast" id="astn"
        value="No" <?php
616 if($invalid_input){
617 if($session_data2['ast'] == "No") echo "checked";
618 }
619 elseif($recordexist == true && $ast=="No") echo '
        checked'; ?>>
620 <td>Asthma<font color='red'*</font>
621 <td>
622 <td>
623 <td><div id="checklist"
624 <?php
625 if($invalid_input){
626 if($session_data2['oth'] == "Yes") echo "style='
        display:block;";
627 else echo "style='display:none;";
628 }
629 elseif(($recordexist == true && $patientoth=="Yes
        '))){
630 echo "style='display:block;";
631 }
632 else
633 echo "style='display:none;";
634 ?>><input type="text" name="cloth" placeholder="
        please specify here" value="<?php if(
        $invalid_input) echo $session_data2['checklist'];
        elseif($recordexist == true) echo $patientoth;
        ?>"><font color='red'*</font></div>
635 </tr>
636 <tr>
637 <td colspan=6><br><b>Family History</b> (
        Grandparents, Parents, Brothers, Sisters,
        Children)
638 <input type=button value="Yes" all" onClick="
        checkAll2(true)"><input type=button value="
        No" all" onClick="checkAll2(false)">
639 </tr>
640 <tr>
641 <td>YES
642 <td>NO
643 <td>
644 <td>
645 <td>
646 <td>
647 </tr>
648 <tr>
649 <td><input type="radio" name="diaf" id="diafy"
        value="Yes" <?php
650 if($invalid_input){
651 if($session_data2['diaf'] == "Yes") echo "checked"
        ;
652 }
653 elseif($recordexist == true && $diaf=="Yes") echo
        'checked'; ?>>
654 <td><input type="radio" name="diaf" id="diafn"
        value="No" <?php
655 if($invalid_input){
656 if($session_data2['diaf'] == "No") echo "checked";
657 }
658 elseif($recordexist == true && $diaf=="No") echo '
        checked'; ?>>
659 <td>Diabetes<font color='red'*</font>
660 <td>
661 <td>
662 <td>
663 </tr>
664 <tr>
665 <td><input type="radio" name="bdf" id="bdfy"
        value="Yes" <?php
666 if($invalid_input){
667 if($session_data2['bdf'] == "Yes") echo "checked";
668 }
669 elseif($recordexist == true && $bdf=="Yes") echo
        'checked'; ?>>
670 <td><input type="radio" name="bdf" id="bdfn"
        value="No" <?php
671 if($invalid_input){
672 if($session_data2['bdf'] == "No") echo "checked";
673 }
674 elseif($recordexist == true && $bdf=="No") echo '
        checked'; ?>>
675 <td>Bleeding disorders<font color='red'*</font>
676 <td>
677 <td>
678 <td>
679 </tr>
680 <tr>
681 <td><input type="radio" name="hdf" id="hdfy"
        value="Yes" <?php
682 if($invalid_input){
683 if($session_data2['hdf'] == "Yes") echo "checked";
684 }
685 elseif($recordexist == true && $hdf=="Yes") echo '
        checked'; ?>>
686 <td><input type="radio" name="hdf" id="hdfn"
        value="No" <?php
687 if($invalid_input){
688 if($session_data2['hdf'] == "No") echo "checked";
689 }
690 elseif($recordexist == true && $hdf=="No") echo '
        checked'; ?>>
691 <td>Heart Diseases<font color='red'*</font>
692 <td>
693 <td>
694 <td>
695 </tr>
696 <tr>
697 <td><input type="radio" name="canf" id="canfy"
        value="Yes" <?php
698 if($invalid_input){
699 if($session_data2['canf'] == "Yes") echo "checked"
        ;
700 }
701 elseif($recordexist == true && $canf=="Yes") echo
        'checked'; ?>>
702 <td><input type="radio" name="canf" id="canfn"
        value="No" <?php
703 if($invalid_input){
704 if($session_data2['canf'] == "No") echo "checked";
705 }
706 elseif($recordexist == true && $canf=="No") echo
        'checked'; ?>>
707 <td>Cancer<font color='red'*</font>
708 <td>
709 <td>
710 <td>
711 </tr>
712 <tr>
713 <td><input type="radio" name="famoth" id="
        famothy" value="Yes" onClick="showdiv(this.
        name, this.value);" <?php
714 if($invalid_input){
715 if($session_data2['famoth'] == "Yes") echo "
        checked";
716 }
717 elseif($recordexist == true && $familyoth=="Yes")
        echo 'checked'; ?>>
718 <td><input type="radio" name="famoth" id="
        famohtn" value="No" onClick="showdiv(this.
        name, this.value);" <?php
719 if($invalid_input){
720 if($session_data2['famoth'] == "No") echo "
        checked";
721 }
722 elseif($recordexist == true && $familyoth=="No")
        echo 'checked'; ?>>
723 <td>Others<font color='red'*</font>
724 <td>
725 <td>
726 <td>
727 </tr>
728 <tr>
729 <td>
730 <td>
731 <td><div id="family" <?php
732 if($invalid_input){
733 if($session_data2['family'] == "Yes") echo "style
        ='display:block;";
734 else echo "style='display:none;";
735 }
736 elseif($recordexist == true && $familyoth=="Yes")
        {
737 echo "style='display:block;";
738 }
739 else
740 echo "style='display:none;";
741 ?>><input type="text" name="famotht" placeholder
        ="please specify here" value="<?php if(
        $invalid_input) echo $session_data2['family'];
        elseif($recordexist == true) echo $familyoth;
        ?>"><font color='red'*</font></div>
742 <td>
743 <td>
744 <td>
745 </tr>
746 <tr>
747 <td colspan=6><br><b>Allergies</b>
748 <input type=button value="Yes" all" onClick="
        checkAll3(true)"><input type=button value="
        No" all" onClick="checkAll3(false)">
749 </tr>
750 <tr>
751 <td>YES
752 <td>NO
753 <td>
754 <td>
755 <td>
756 <td>

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757 </tr>
758 <tr>
759 <td><input type="radio" name="druga" id="drugay
      " value="Yes" <?php
760 if($invalid_input){
761 if($session_data2['druga'] == "Yes") echo "checked
      ";
762 }
763 elseif($recordexist == true && $druga=="Yes')
      echo 'checked';?>>
764 <td><input type="radio" name="druga" id="drugan
      " value="No" <?php
765 if($invalid_input){
766 if($session_data2['druga'] == "No") echo "checked
      ";
767 }
768 elseif($recordexist == true && $druga=="No')
      echo 'checked';?>>
769 <td>Drugs<font color='red'*></font>
770 <td>
771 <td>
772 <td>
773 </tr>
774 <tr>
775 <td><input type="radio" name="fooda" id="fooday"
      value="Yes" <?php
776 if($invalid_input){
777 if($session_data2['fooda'] == "Yes") echo "checked
      ";
778 }
779 elseif($recordexist == true && $fooda=="Yes')
      echo 'checked';?>>
780 <td><input type="radio" name="fooda" id="foodan"
      value="No" <?php
781 if($invalid_input){
782 if($session_data2['fooda'] == "No") echo "checked
      ";
783 }
784 elseif($recordexist == true && $fooda=="No')
      echo 'checked';?>>
785 <td>Food<font color='red'*></font>
786 <td>
787 <td>
788 <td>
789 </tr>
790 <tr>
791 <td><input type="radio" name="ruba" id="rubay"
      value="Yes" <?php
792 if($invalid_input){
793 if($session_data2['ruba'] == "Yes") echo "checked
      ";
794 }
795 elseif($recordexist == true && $ruba=="Yes') echo
      'checked';?>>
796 <td><input type="radio" name="ruba" id="ruban"
      value="No" <?php
797 if($invalid_input){
798 if($session_data2['ruba'] == "No") echo "checked";
799 }
800 elseif($recordexist == true && $ruba=="No') echo
      'checked';?>>
801 <td>Rubber<font color='red'*></font>
802 <td>
803 <td>
804 <td>
805 </tr>
806 <tr>
807 <td><input type="radio" name="aloth" id="alothy"
      value="Yes" onClick="showdiv(this.name, this.
      value);" <?php
808 if($invalid_input){
809 if($session_data2['aloth'] == "Yes") echo "checked
      ";
810 }
811 elseif($recordexist == true && $allergyoth=="Yes')
      echo 'checked';?>>
812 <td><input type="radio" name="aloth" id="alothn"
      value="No" onClick="showdiv(this.name, this.
      value);" <?php
813 if($invalid_input){
814 if($session_data2['aloth'] == "No") echo "checked
      ";
815 }
816 elseif($recordexist == true && $allergyoth=="No')
      echo 'checked';?>>
817 <td>Others<font color='red'*></font>
818 <td>
819 <td>
820 <td>
821 </tr>
822 <tr>
823 <td>
824 <td>
825 <td><div id="allergy" <?php
826 if($invalid_input){
827 if($session_data2['aloth'] == "Yes") echo "style='
      display:block;";
828 else echo "style='display:none;";
829 }
830 elseif($recordexist == true && $allergyoth=="Yes')
      {
831 echo "style='display:block;";
832 }
833 else
834 echo "style='display:none;";
835 ?>><input type="text" name="alotht" placeholder=
      "please specify here" value="" <?php if(
      $invalid_input) echo $session_data2['allergy'];
      elseif($recordexist == true) echo $allergyoth;
      ?>><font color='red'*></font></div>
836 <td>
837 <td>
838 <td>
839 </tr>
840 <tr>
841 <td colspan=6><br><b>Females</b>
842 <input type=button value="Yes" all" onClick="
      checkAll4(true)"><input type=button value="
      'No" all" onClick="checkAll4(false)">
843 </tr>
844 <tr>
845 <td>YES
846 <td>NO
847 <td>
848 <td>
849 <td>
850 <td>
851 </tr>
852 <tr>
853 <td><input type="radio" name="pregfe" id="pregfey
      " value="Yes" <?php
854 if($invalid_input){
855 if($session_data2['pregfe'] == "Yes") echo "
      checked";
856 }
857 elseif($recordexist == true && $pregfe=="Yes')
      echo 'checked';?>>
858 <td><input type="radio" name="pregfe" id="pregfen
      " value="No" <?php
859 if($invalid_input){
860 if($session_data2['pregfe'] == "No") echo "
      checked";
861 }
862 elseif($recordexist == true && $pregfe=="No')
      echo 'checked';?>>
863 <td>Are you pregnant now?<font color='red'*></
      font>
864 <td>
865 <td>
866 <td>
867 </tr>
868 <tr>
869 <td><input type="radio" name="bffe" id="bffey"
      value="Yes" <?php
870 if($invalid_input){
871 if($session_data2['bffe'] == "Yes") echo "checked"
      ";
872 }
873 elseif($recordexist == true && $bffe=="Yes') echo
      'checked';?>>
874 <td><input type="radio" name="bffe" id="bffen"
      value="No" <?php
875 if($invalid_input){
876 if($session_data2['bffe'] == "No") echo "checked";
877 }
878 elseif($recordexist == true && $bffe=="No') echo
      'checked';?>>
879 <td>Are you breastfeeding now?<font color='red'
      >*></font>
880 <td>
881 <td>
882 <td>
883 </tr>
884 <tr>
885 <td><input type="radio" name="hrtfe" id="hrtfey"
      value="Yes" <?php
886 if($invalid_input){
887 if($session_data2['hrtfe'] == "Yes") echo "checked
      ";
888 }
889 elseif($recordexist == true && $hrtfe=="Yes')
      echo 'checked';?>>
890 <td><input type="radio" name="hrtfe" id="hrtfen"
      value="No" <?php
891 if($invalid_input){
892 if($session_data2['hrtfe'] == "No") echo "checked
      ";
893 }
894 elseif($recordexist == true && $hrtfe=="No') echo
      'checked';?>>
895 <td>Under hormone replacement therapy?<font color
      ='red'*></font>
896 <td>
897 <td>
898 <td>
899 </tr>
900 <tr>
901 <td><input type="radio" name="mensfe" id="

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    mensfey" value="Yes" <?php
902 if ($invalid_input){
903     if ($session_data2['mensfe'] == "Yes") echo "
        checked";
904 }
905 elseif ($recordexist == true && $mensfe=="Yes')
        echo 'checked'; ?>>
906 <td><input type="radio" name="mensfe" id="
        mensfen" value="No" <?php
907 if ($invalid_input){
908     if ($session_data2['mensfe'] == "No") echo "
        checked";
909 }
910 elseif ($recordexist == true && $mensfe=="No')
        echo 'checked'; ?>>
911 <td>Menstruation?<font color='red'*</font>
912 <td>
913 <td>
914 <td>
915 </tr>
916 <tr>
917 <td><input type="radio" name="confe" id="confey"
        value="Yes" <?php
918 if ($invalid_input){
919     if ($session_data2['confe'] == "Yes") echo "checked
        ";
920 }
921 elseif ($recordexist == true && $confe=="Yes')
        echo 'checked'; ?>>
922 <td><input type="radio" name="confe" id="confen"
        value="No" <?php
923 if ($invalid_input){
924     if ($session_data2['confe'] == "No") echo "checked
        ";
925 }
926 elseif ($recordexist == true && $confe=="No') echo
        'checked'; ?>>
927 <td>Taking any form of contraceptive?<font color='
        red'*</font>
928 <td>
929 <td>
930 <td>
931 </tr>
932 </table>
933
934 <br><br>
935
936 <input type="submit" value="Save"/> <input type="
        reset" value="Clear entries"/><br><br>
937
938
939 </form></div>
940 </div>
941 </body>
942 </html>

```

Listing 96: patientchecklistreadon-lyview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
        ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='".base_url().
        "js/dynamic.js"></script>";
7 echo "<script type='text/javascript' src='".base_url().
        "js/patientdb.js"></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
        Transitional/EN" "http://www.w3.org/TR/xhtml1
        /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
        jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
        "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
        -1.10.3.custom.js"></script>
16
17 <title>Patient Checklist - Oral Diagnosis</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
        ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21
22 </script>
23 </head>
24 <?php
25 $session_data = $this->session->userdata('logged_in');
26 $username = $session_data['username'];
27
28 $session_data2 = $this->session->userdata('has_error');
29 $invalid_input = $session_data2['invalid_input'];
30
31 if ($recordexist){
32     foreach($info as $row){
33         $hbp = $row['highbloodpressure'];
34         $pij = $row['joint_pain'];
35         $sha = $row['heart_attack'];
36         $trem = $row['tremors'];
37         $apcp = $row['chest_pain'];
38         $bt = $row['blood_transfusion'];
39         $ssa = $row['swollen_ankles'];
40         $dptgb = $row['denied_blood'];
41         $fhf = $row['high_fever'];
42         $pal = $row['pallor'];
43         $pahv = $row['pacemaker'];
44         $dia = $row['diabetes'];
45         $emp = $row['emphysema'];
46         $goi = $row['goiter'];
47         $faf = $row['afternoon_fever'];
48         $bbob = $row['bruising_tendency'];
49         $cc = $row['chronic_cough'];
50         $swlog = $row['weight_change'];
51         $brp = $row['breathing_problem'];
52         $ft = $row['frequent_thirst'];
53         $bs = $row['bloody_sputum'];
54         $fh = $row['frequent_hunger'];
55         $sin = $row['sinusitis'];
56         $fur = $row['frequent_urination'];
57         $fha = $row['frequent_headaches'];
58         $sche = $row['chemotherapy'];
59         $diz = $row['dizziness'];
60         $puu = $row['pain_urination'];
61         $fslc = $row['loss_consciousness'];
62         $biu = $row['urine_blood'];
63         $vi = $row['visual_impairment'];
64         $shep = $row['hepatitis'];
65         $shi = $row['hearing_impairment'];
66         $shiv = $row['HIV_positive'];
67         $art = $row['arthritis'];
68         $pad = $row['pelvic_discomfort'];
69         $ner = $row['nervousness'];
70         $dep = $row['depression'];
71         $anx = $row['anxiety'];
72         $ast = $row['asthma'];
73         $patientoth = $row['patientothers'];
74         $patientotht = $row['patientothers.text'];
75         $diaf = $row['familydiabetes'];
76         $bdf = $row['bleeding_disorder'];
77         $hdf = $row['heart_diseases'];
78         $canf = $row['cancer'];
79         $familyoth = $row['familyothers'];
80         $familyotht = $row['familyothers.text'];
81         $druga = $row['familydiabetes'];
82         $fooda = $row['familydiabetes'];
83         $ruba = $row['familydiabetes'];
84         $allergyoth = $row['allergyothers'];
85         $allergyotht = $row['allergyothers.text'];
86         $pregfe = $row['pregnant'];
87         $bffe = $row['breastfeeding'];
88         $hrtfe = $row['hormonetherapy'];
89         $mensfe = $row['menstruation'];
90         $confe = $row['contraceptive'];
91
92     }
93 }
94 }
95 ?>
96 </body>
97
98
99 <div class="maindiv" style="border:0px;" >
100 <?php include('patient_header.php'); ?>
101 <div id="Content_Area" style="border: solid 1px #7
        F00FF;" >
102
103 <form id="ADDPATIENTCHECKLIST" name="
        ADDPATIENTCHECKLIST" action="<?php echo
        base_url(); ?>index.php/verifyadpatientchecklist"
        method="post">
104
105 <br><br>
106 <?php if($forapproval) echo "<h4 style='color:red;'>This
        patient's record is currently subject for approval.</
        h4>";
107 elseif($private) echo "<h4 style='color:red;' align='
        center">This patient's record is under other
        clinician's supervision.</h4>"; ?>
108 <br>
109
110 <center><a href="<?php echo base_url(); ?>index.php/
        loaddashboard/patientdb/<?php echo $id; ?>">
        Dashboard </a> &nbsp;&nbsp;&lt;a href="<?php echo
        base_url(); ?>index.php/viewdentalchartversions">
        View Versions </a><br><br></center><br><br>
111
112 <div class="validationexc" style="display: <?php if($this

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    ->session->userdata('has_error')) echo 'block'; else
113 <?php $session_data = $this->session->userdata('
    has_error');
114     echo $session_data['error'];
115     ?>
116 </div>
117
118 <table frame="box" class="frame">
119 <tr class="header">
120 <td colspan=6>Patient Checklist
121 </td>
122 </tr>
123 <tr>
124 <td colspan=6>Do you have or have you had any of
    the following?
125 </td>
126 <tr>
127 <td> YES
128 <td> NO
129 <td>
130 <td> YES
131 <td> NO
132 <td>
133 </tr>
134 <tr>
135 <td><input type="radio" name="hbp" id="hbpy"
    value="Yes" <?php
136     if ($invalid_input){
137         if ($session_data2['hbp'] == "Yes") echo "checked";
138     }
139     elseif ($recordexist == true && $hbp=="Yes") echo
    'checked'; ?> readonly>
140 <td><input type="radio" name="hbp" id="hbpn"
    value="No" <?php
141     if ($invalid_input){
142         if ($session_data2['hbp'] == "No") echo "checked";
143     }
144     elseif ($recordexist == true && $hbp=="No") echo '
    checked'; ?> readonly>
145 <td>High blood pressure
146 <td><input type="radio" name="pij" id="pijy"
    value="Yes" <?php
147     if ($invalid_input){
148         if ($session_data2['pij'] == "Yes") echo "checked";
149     }
150     elseif ($recordexist == true && $pij=="Yes") echo '
    checked'; ?> readonly>
151 <td><input type="radio" name="pij" id="pijn"
    value="No" <?php
152     if ($invalid_input){
153         if ($session_data2['pij'] == "No") echo "checked";
154     }
155     elseif ($recordexist == true && $pij=="No") echo '
    checked'; ?> readonly>
156 <td>Pain in joints
157 </tr>
158 <tr>
159 <td><input type="radio" name="ha" id="hay" value
    ="Yes" <?php
160     if ($invalid_input){
161         if ($session_data2['ha'] == "Yes") echo "checked";
162     }
163     elseif ($recordexist == true && $ha=="Yes") echo '
    checked'; ?> readonly>
164 <td><input type="radio" name="ha" id="han" value
    ="No" <?php
165     if ($invalid_input){
166         if ($session_data2['ha'] == "No") echo "checked";
167     }
168     elseif ($recordexist == true && $ha=="No") echo '
    checked'; ?> readonly>
169 <td>Heart attack
170 <td><input type="radio" name="trem" id="tremy"
    value="Yes" <?php
171     if ($invalid_input){
172         if ($session_data2['trem'] == "Yes") echo "checked"
173         ;
174     }
175     elseif ($recordexist == true && $trem=="Yes") echo
    'checked'; ?> readonly>
176 <td><input type="radio" name="trem" id="tremn"
    value="No" <?php
177     if ($invalid_input){
178         if ($session_data2['trem'] == "No") echo "checked";
179     }
180     elseif ($recordexist == true && $trem=="No") echo
    'checked'; ?> readonly>
181 <td>Tremors
182 </tr>
183 <tr>
184 <td><input type="radio" name="apcp" id="apcpy"
    value="Yes" <?php
185     if ($invalid_input){
186         if ($session_data2['apcp'] == "Yes") echo "checked"
187         ;
188     }
189     elseif ($recordexist == true && $apcp=="Yes")
    echo 'checked'; ?> readonly>
190 <td><input type="radio" name="apcp" id="apcpn"
    value="No" <?php
191     if ($invalid_input){
192         if ($session_data2['apcp'] == "No") echo "checked";
193     }
194     elseif ($recordexist == true && $apcp=="No") echo
    'checked'; ?> readonly>
195 <td>Angia Pectoris, chest pain
196 <td><input type="radio" name="bt" id="bty" value
    ="Yes" <?php
197     if ($invalid_input){
198         if ($session_data2['bt'] == "Yes") echo "checked";
199     }
200     elseif ($recordexist == true && $bt=="Yes") echo '
    checked'; ?> readonly>
201 <td><input type="radio" name="bt" id="btn" value
    ="No" <?php
202     if ($invalid_input){
203         if ($session_data2['bt'] == "No") echo "checked";
204     }
205     elseif ($recordexist == true && $bt=="No") echo '
    checked'; ?> readonly>
206 <td>Blood transfusion
207 </tr>
208 <tr>
209 <td><input type="radio" name="sa" id="say" value
    ="Yes" <?php
210     if ($invalid_input){
211         if ($session_data2['sa'] == "Yes") echo "checked";
212     }
213     elseif ($recordexist == true && $sa=="Yes") echo '
    checked'; ?> readonly>
214 <td><input type="radio" name="sa" id="san" value
    ="No" <?php
215     if ($invalid_input){
216         if ($session_data2['sa'] == "No") echo "checked";
217     }
218     elseif ($recordexist == true && $sa=="No") echo '
    checked'; ?> readonly>
219 <td>Swollen ankles
220 <td><input type="radio" name="dptgb" id="dptgby"
    value="Yes" <?php
221     if ($invalid_input){
222         if ($session_data2['dptgb'] == "Yes") echo "checked"
223         ;
224     }
225     elseif ($recordexist == true && $dptgb=="Yes")
    echo 'checked'; ?> readonly>
226 <td><input type="radio" name="dptgb" id="dptgbn"
    value="No" <?php
227     if ($invalid_input){
228         if ($session_data2['dptgb'] == "No") echo "checked"
229         ;
230     }
231     elseif ($recordexist == true && $dptgb=="No")
    echo 'checked'; ?> readonly>
232 <td>Denied permission to give blood
233 </tr>
234 <tr>
235 <td><input type="radio" name="fhf" id="fhfy"
    value="Yes" <?php
236     if ($invalid_input){
237         if ($session_data2['fhf'] == "Yes") echo "checked";
238     }
239     elseif ($recordexist == true && $fhf=="Yes") echo
    'checked'; ?> readonly>
240 <td><input type="radio" name="fhf" id="fhfn"
    value="No" <?php
241     if ($invalid_input){
242         if ($session_data2['fhf'] == "No") echo "checked";
243     }
244     elseif ($recordexist == true && $fhf=="No") echo
    'checked'; ?> readonly>
245 <td>Frequent high fever
246 <td><input type="radio" name="pal" id="paly"
    value="Yes" <?php
247     if ($invalid_input){
248         if ($session_data2['pal'] == "Yes") echo "checked";
249     }
250     elseif ($recordexist == true && $pal=="Yes") echo
    'checked'; ?> readonly>
251 <td><input type="radio" name="pal" id="paln"
    value="No" <?php
252     if ($invalid_input){
253         if ($session_data2['pal'] == "No") echo "checked";
254     }
255     elseif ($recordexist == true && $pal=="No") echo
    'checked'; ?> readonly>
256 <td>Pallor
257 </tr>
258 <tr>
259 <td><input type="radio" name="pahv" id="pahvy"
    value="Yes" <?php
260     if ($invalid_input){
261         if ($session_data2['pahv'] == "Yes") echo "checked"
262         ;
263     }
264     elseif ($recordexist == true && $pahv=="Yes")
    echo 'checked'; ?> readonly>

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260 <td><input type="radio" name="pahv" id="pahvn" value="No" <?php
261 if($invalid_input){
262 if($session_data2['pahv'] == "No") echo "checked";
263 }
264 elseif($recordexist == true && $pahv=="No") echo
'checked'; ?> readonly>
265 <td>Pacemakers, artificial heart valves
266 <td><input type="radio" name="dia" id="diay"
value="Yes" <?php
267 if($invalid_input){
268 if($session_data2['dia'] == "Yes") echo "checked";
269 }
270 elseif($recordexist == true && $dia=="Yes") echo '
checked'; ?> readonly>
271 <td><input type="radio" name="dia" id="dian"
value="No" <?php
272 if($invalid_input){
273 if($session_data2['dia'] == "No") echo "checked";
274 }
275 elseif($recordexist == true && $dia=="No") echo '
checked'; ?> readonly>
276 <td>Diabetes
277 </tr>
278 <tr>
279 <td><input type="radio" name="emp" id="empy"
value="Yes" <?php
280 if($invalid_input){
281 if($session_data2['emp'] == "Yes") echo "checked";
282 }
283 elseif($recordexist == true && $emp=="Yes") echo
'checked'; ?> readonly>
284 <td><input type="radio" name="emp" id="empn"
value="No" <?php
285 if($invalid_input){
286 if($session_data2['emp'] == "No") echo "checked";
287 }
288 elseif($recordexist == true && $emp=="No") echo
'checked'; ?> readonly>
289 <td>Emphysema
290 <td><input type="radio" name="goi" id="goiy"
value="Yes" <?php
291 if($invalid_input){
292 if($session_data2['goi'] == "Yes") echo "checked";
293 }
294 elseif($recordexist == true && $goi=="Yes") echo '
checked'; ?> readonly>
295 <td><input type="radio" name="goi" id="goin"
value="No" <?php
296 if($invalid_input){
297 if($session_data2['goi'] == "No") echo "checked";
298 }
299 elseif($recordexist == true && $goi=="No") echo '
checked'; ?> readonly>
300 <td>Goiter
301 </tr>
302 <tr>
303 <td><input type="radio" name="af" id="afy" value
="Yes" <?php
304 if($invalid_input){
305 if($session_data2['af'] == "Yes") echo "checked";
306 }
307 elseif($recordexist == true && $af=="Yes") echo '
checked'; ?> readonly>
308 <td><input type="radio" name="af" id="afn" value
="No" <?php
309 if($invalid_input){
310 if($session_data2['af'] == "No") echo "checked";
311 }
312 elseif($recordexist == true && $af=="No") echo '
checked'; ?> readonly>
313 <td>Afternoon fever
314 <td><input type="radio" name="bobt" id="bobty"
value="Yes" <?php
315 if($invalid_input){
316 if($session_data2['bobt'] == "Yes") echo "checked"
;
317 }
318 elseif($recordexist == true && $bobt=="Yes") echo
'checked'; ?> readonly>
319 <td><input type="radio" name="bobt" id="bobtn"
value="No" <?php
320 if($invalid_input){
321 if($session_data2['bobt'] == "No") echo "checked";
322 }
323 elseif($recordexist == true && $bobt=="No") echo
'checked'; ?> readonly>
324 <td>Bleeding or bruising tendency
325 </tr>
326 <tr>
327 <td><input type="radio" name="cc" id="ccy" value
="Yes" <?php
328 if($invalid_input){
329 if($session_data2['cc'] == "Yes") echo "checked";
330 }
331 elseif($recordexist == true && $cc=="Yes") echo '
checked'; ?> readonly>
332 <td><input type="radio" name="cc" id="ccn" value
="No" <?php
333 if($invalid_input){
334 if($session_data2['cc'] == "No") echo "checked";
335 }
336 elseif($recordexist == true && $cc=="No") echo '
checked'; ?> readonly>
337 <td>Chronic cough
338 <td><input type="radio" name="swlog" id="swlogy"
value="Yes" <?php
339 if($invalid_input){
340 if($session_data2['swlog'] == "Yes") echo "checked"
;
341 }
342 elseif($recordexist == true && $swlog=="Yes")
echo 'checked'; ?> readonly>
343 <td><input type="radio" name="swlog" id="swlogn"
value="No" <?php
344 if($invalid_input){
345 if($session_data2['swlog'] == "No") echo "checked"
;
346 }
347 elseif($recordexist == true && $swlog=="No")
echo 'checked'; ?> readonly>
348 <td>Sudden weight loss or gain
349 </tr>
350 <tr>
351 <td><input type="radio" name="brp" id="brpy"
value="Yes" <?php
352 if($invalid_input){
353 if($session_data2['brp'] == "Yes") echo "checked";
354 }
355 elseif($recordexist == true && $brp=="Yes") echo
'checked'; ?> readonly>
356 <td><input type="radio" name="brp" id="brpn"
value="No" <?php
357 if($invalid_input){
358 if($session_data2['brp'] == "No") echo "checked";
359 }
360 elseif($recordexist == true && $brp=="No") echo '
checked'; ?> readonly>
361 <td>Breathing problems
362 <td><input type="radio" name="ft" id="fty" value=
"Yes" <?php
363 if($invalid_input){
364 if($session_data2['ft'] == "Yes") echo "checked";
365 }
366 elseif($recordexist == true && $ft=="Yes") echo '
checked'; ?> readonly>
367 <td><input type="radio" name="ft" id="ftn" value=
"No" <?php
368 if($invalid_input){
369 if($session_data2['ft'] == "No") echo "checked";
370 }
371 elseif($recordexist == true && $ft=="No") echo '
checked'; ?> readonly>
372 <td>Frequent thirst
373 </tr>
374 <tr>
375 <td><input type="radio" name="bs" id="bsy" value
="Yes" <?php
376 if($invalid_input){
377 if($session_data2['bs'] == "Yes") echo "checked";
378 }
379 elseif($recordexist == true && $bs=="Yes") echo '
checked'; ?> readonly>
380 <td><input type="radio" name="bs" id="bsn" value
="No" <?php
381 if($invalid_input){
382 if($session_data2['bs'] == "No") echo "checked";
383 }
384 elseif($recordexist == true && $bs=="No") echo '
checked'; ?> readonly>
385 <td>Bloody sputum
386 <td><input type="radio" name="fh" id="fhy" value
="Yes" <?php
387 if($invalid_input){
388 if($session_data2['fh'] == "Yes") echo "checked";
389 }
390 elseif($recordexist == true && $fh=="Yes") echo '
checked'; ?> readonly>
391 <td><input type="radio" name="fh" id="fhn" value
="No" <?php
392 if($invalid_input){
393 if($session_data2['fh'] == "No") echo "checked";
394 }
395 elseif($recordexist == true && $fh=="No") echo '
checked'; ?> readonly>
396 <td>Frequent hunger
397 </tr>
398 <tr>
399 <td><input type="radio" name="sin" id="siny"
value="Yes" <?php
400 if($invalid_input){
401 if($session_data2['sin'] == "Yes") echo "checked";
402 }
403 elseif($recordexist == true && $sin=="Yes") echo '
checked'; ?> readonly>
404 <td><input type="radio" name="sin" id="sinn"
value="No" <?php
405 if($invalid_input){

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406     if($session_data2['sin'] == "No") echo "checked"; 480
407 }
408 elseif($recordexist == true && $sin=="No") echo ' 481
         checked'; ?> readonly> 482
409 <td>Sinusitis 483
410 <td><input type="radio" name="fur" id="fury" 484
         value="Yes" <?php 485
411 if($invalid_input){ 486
412     if($session_data2['fur'] == "Yes") echo "checked"; 487
413 } 488
414 elseif($recordexist == true && $fur=="Yes") echo ' 489
         checked'; ?> readonly> 490
415 <td><input type="radio" name="fur" id="furn" 491
         value="No" <?php 492
416 if($invalid_input){ 493
417     if($session_data2['fur'] == "No") echo "checked"; 494
418 } 495
419 elseif($recordexist == true && $fur=="No") echo ' 496
         checked'; ?> readonly> 497
420 <td>Frequent urination 498
421 </tr> 499
422 <tr> 500
423 <td><input type="radio" name="fha" id="fhay" 501
         value="Yes" <?php 502
424 if($invalid_input){ 503
425     if($session_data2['fha'] == "Yes") echo "checked"; 504
426 } 505
427 elseif($recordexist == true && $fha=="Yes") echo ' 506
         checked'; ?> readonly> 507
428 <td><input type="radio" name="fha" id="fhan" 508
         value="No" <?php 509
429 if($invalid_input){ 510
430     if($session_data2['fha'] == "No") echo "checked"; 511
431 } 512
432 elseif($recordexist == true && $fha=="No") echo ' 513
         checked'; ?> readonly> 514
433 <td>Frequent headaches 515
434 <td><input type="radio" name="che" id="chey" 516
         value="Yes" <?php 517
435 if($invalid_input){ 518
436     if($session_data2['che'] == "Yes") echo "checked"; 519
437 } 520
438 elseif($recordexist == true && $che=="Yes") echo ' 521
         checked'; ?> readonly> 522
439 <td><input type="radio" name="che" id="chen" 523
         value="No" <?php 524
440 if($invalid_input){ 525
441     if($session_data2['che'] == "No") echo "checked"; 526
442 } 527
443 elseif($recordexist == true && $che=="No") echo ' 528
         checked'; ?> readonly> 529
444 <td>Chemotherapy 530
445 </tr> 531
446 <tr> 532
447 <td><input type="radio" name="diz" id="dizy" 533
         value="Yes" <?php 534
448 if($invalid_input){ 535
449     if($session_data2['diz'] == "Yes") echo "checked"; 536
450 } 537
451 elseif($recordexist == true && $diz=="Yes") echo ' 538
         checked'; ?> readonly> 539
452 <td><input type="radio" name="diz" id="dizn" 540
         value="No" <?php 541
453 if($invalid_input){ 542
454     if($session_data2['diz'] == "No") echo "checked"; 543
455 } 544
456 elseif($recordexist == true && $diz=="No") echo ' 545
         checked'; ?> readonly> 546
457 <td>Dizziness 547
458 <td><input type="radio" name="puu" id="puuy" 548
         value="Yes" <?php 549
459 if($invalid_input){ 550
460     if($session_data2['puu'] == "Yes") echo "checked"; 551
461 } 552
462 elseif($recordexist == true && $puu=="Yes") echo ' 553
         checked'; ?> readonly> 554
463 <td><input type="radio" name="puu" id="puun" 555
         value="No" <?php 556
464 if($invalid_input){ 557
465     if($session_data2['puu'] == "No") echo "checked"; 558
466 } 559
467 elseif($recordexist == true && $puu=="No") echo ' 560
         checked'; ?> readonly> 561
468 <td>Pain upon urination 562
469 </tr> 563
470 <tr> 564
471 <td><input type="radio" name="fslc" id="fslcy" 565
         value="Yes" <?php 566
472 if($invalid_input){ 567
473     if($session_data2['fslc'] == "Yes") echo "checked" 568
         ; 569
474 } 570
475 elseif($recordexist == true && $fslc=="Yes") echo ' 571
         checked'; ?> readonly> 572
476 <td><input type="radio" name="fslc" id="fslcn" 573
         value="No" <?php 574
477 if($invalid_input){ 575
478     if($session_data2['fslc'] == "No") echo "checked"; 576
479 } 577

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554 <td><input type="radio" name="pad" id="pady" 625 <td>Asthma
      value="Yes" <?php 626 <td>
555 if($invalid_input){ 627 <td>
556 if($session_data2['pad'] == "Yes") echo "checked"; 628 <td><div id="checklist"
557 } 629 <?php
558 elseif($recordexist == true && $pad=='Yes') echo 630 if($invalid_input){
      'checked'; ?> readonly> 631 if($session_data2['oth'] == "Yes") echo "style="
559 <td><input type="radio" name="pad" id="padn" 632 display:block;";
      value="No" <?php 633 else echo "style='display:none;";
560 if($invalid_input){ 634 }
561 if($session_data2['pad'] == "No") echo "checked"; 635 elseif(($recordexist == true && $patientoth=='Yes
562 } 636 ')){
563 elseif($recordexist == true && $pad=='No') echo ' 637 echo "style='display:block;";
      checked'; ?> readonly> 638 }
564 <td>Pelvic/lower abdominal discomfort 637 else
565 </tr> 638 echo "style='display:none;";
566 <tr> 639 ?>><input type="text" name="cloth" placeholder="
567 <td><input type="radio" name="ner" id="nery" 640 please specify here" value="<?php if(
      value="Yes" <?php 641 $invalid_input) echo $session_data2['checklist'];
568 if($invalid_input){ 642 elseif($recordexist == true) echo $patientoth;
569 if($session_data2['ner'] == "Yes") echo "checked"; 643 ?>" readonly disabled></div>
570 } 644 </tr>
571 elseif($recordexist == true && $ner=='Yes') echo ' 645 <tr>
      checked'; ?> readonly> 646 <td colspan=6><br><b>Family History</b> (
572 <td><input type="radio" name="ner" id="nern" 647 Grandparents, Parents, Brothers, Sisters,
      value="No" <?php 648 Children)
573 if($invalid_input){ 649 </tr>
574 if($session_data2['ner'] == "No") echo "checked"; 650 <tr>
575 } 651 <td>YES
576 elseif($recordexist == true && $ner=='No') echo ' 652 <td>NO
      checked'; ?> readonly> 653 <td>
577 <td>Nervousness 654 <td>
578 <td><input type="radio" name="dep" id="depy" 655 <td>
      value="Yes" <?php 656 <td>
579 if($invalid_input){ 657 <td>
580 if($session_data2['dep'] == "Yes") echo "checked"; 658 <td>
581 } 659 <tr>
582 elseif($recordexist == true && $dep=='Yes') echo 660 <td><input type="radio" name="diaf" id="diafy"
      'checked'; ?> readonly> 661 value="Yes" <?php
583 <td><input type="radio" name="dep" id="depn" 662 if($invalid_input){
      value="No" <?php 663 if($session_data2['diaf'] == "Yes") echo "checked"
584 if($invalid_input){ 664 ;
585 if($session_data2['dep'] == "No") echo "checked"; 665 }
586 } 666 elseif($recordexist == true && $diaf=='Yes') echo
587 elseif($recordexist == true && $dep=='No') echo ' 667 'checked'; ?> readonly>
      checked'; ?> readonly> 668 <td><input type="radio" name="diaf" id="diafn"
588 <td>Depression 669 value="No" <?php
589 </tr> 670 if($invalid_input){
590 <tr> 671 if($session_data2['diaf'] == "No") echo "checked";
591 <td><input type="radio" name="anx" id="anxy" 672 }
      value="Yes" <?php 673 elseif($recordexist == true && $diaf=='No') echo '
592 if($invalid_input){ 674 checked'; ?> readonly>
593 if($session_data2['anx'] == "Yes") echo "checked"; 675 <td>Diabetes
594 } 676 <td>
595 elseif($recordexist == true && $anx=='Yes') echo 677 <td>
      'checked'; ?> readonly> 678 <td>
596 <td><input type="radio" name="anx" id="anxn" 679 <td>
      value="No" <?php 680 <td>
597 if($invalid_input){ 681 <td>
598 if($session_data2['anx'] == "No") echo "checked"; 682 <td>
599 } 683 <td>
600 elseif($recordexist == true && $anx=='No') echo ' 684 </tr>
      checked'; ?> readonly> 685 <tr>
601 <td>Anxiety 686 <td><input type="radio" name="bdf" id="bdfy"
602 <td><input type="radio" name="oth" id="othy" 687 value="Yes" <?php
      value="Yes" onChange="showdiv(this.name, this 688 if($invalid_input){
      .value);" onLoad="showdiv(this.name, this.value) 689 if($session_data2['bdf'] == "Yes") echo "checked";
      ;" <?php 690 }
603 if($invalid_input){ 691 elseif($recordexist == true && $bdf=='Yes') echo
604 if($session_data2['oth'] == "Yes") echo "checked"; 692 'checked'; ?> readonly>
605 } 693 <td><input type="radio" name="bdf" id="bdfn"
606 elseif($recordexist == true && $patientoth=='Yes') 694 value="No" <?php
      echo 'checked'; ?> readonly> 695 if($invalid_input){
607 <td><input type="radio" name="oth" id="othn" 696 if($session_data2['bdf'] == "No") echo "checked";
      value="No" onChange="showdiv(this.name, this. 697 }
      value);" onLoad="showdiv(this.name, this.value); 698 elseif($recordexist == true && $bdf=='No') echo '
      " <?php 699 checked'; ?> readonly>
608 if($invalid_input){ 700 <td>Bleeding disorders
609 if($session_data2['oth'] == "No") echo "checked"; 701 <td>
610 } 702 <td>
611 elseif($recordexist == true && $patientoth=='No') 703 <td>
      echo 'checked'; ?> readonly> 704 <td>
612 <td>Others 705 <td><input type="radio" name="hdf" id="hdfy"
613 </tr> 706 value="Yes" <?php
614 <tr> 707 if($invalid_input){
615 <td><input type="radio" name="ast" id="asty" 708 if($session_data2['hdf'] == "Yes") echo "checked";
      value="Yes" <?php 709 }
616 if($invalid_input){ 710 elseif($recordexist == true && $hdf=='Yes') echo '
617 if($session_data2['ast'] == "Yes") echo "checked"; 711 checked'; ?> readonly>
618 } 712 <td><input type="radio" name="hdf" id="hdfn"
619 elseif($recordexist == true && $ast=='Yes') echo ' 713 value="No" <?php
      checked'; ?> readonly> 714 if($invalid_input){
620 <td><input type="radio" name="ast" id="astn" 715 if($session_data2['hdf'] == "No") echo "checked";
      value="No" <?php 716 }
621 if($invalid_input){ 717 elseif($recordexist == true && $hdf=='No') echo '
622 if($session_data2['ast'] == "No") echo "checked"; 718 checked'; ?> readonly>
623 } 719 <td>Heart Diseases
624 elseif($recordexist == true && $ast=='No') echo ' 720 <td>
      checked'; ?> readonly> 721 <td>
702 <td><input type="radio" name="canf" id="canfy" 722 <td>

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703         value="Yes" <?php
704         if($invalid_input){
705             if($session_data2['canf'] == "Yes") echo "checked"
706             ;
707         }
708         elseif($recordexist == true && $canf=="Yes") echo
709         'checked'; ?> readonly>
710     <td><input type="radio" name="canf" id="canfn"
711         value="No" <?php
712         if($invalid_input){
713             if($session_data2['canf'] == "No") echo "checked";
714         }
715         elseif($recordexist == true && $canf=="No") echo
716         'checked'; ?> readonly>
717     <td>Cancer
718     <td>
719     <td>
720     <td>
721     </tr>
722     <tr>
723     <td><input type="radio" name="famoth" id="
724         famoth" value="Yes" onClick="showdiv(this.
725         name, this.value);" <?php
726         if($invalid_input){
727             if($session_data2['famoth'] == "Yes") echo "
728             checked";
729         }
730         elseif($recordexist == true && $familyoth=="Yes")
731         echo 'checked'; ?> readonly>
732     <td><input type="radio" name="famoth" id="
733         famothn" value="No" onClick="showdiv(this.
734         name, this.value);" <?php
735         if($invalid_input){
736             if($session_data2['famoth'] == "No") echo "
737             checked";
738         }
739         elseif($recordexist == true && $familyoth=="No")
740         echo 'checked';?> readonly>
741     <td>Others
742     <td>
743     <td>
744     <td>
745     </tr>
746     <tr>
747     <td><div id="family" <?php
748         if($invalid_input){
749             if($session_data2['famoth'] == "Yes") echo "style
750             ="display:block;";
751         }
752         else echo "style='display:none;";
753         }
754         elseif($recordexist == true && $familyoth=="Yes")
755         {
756             echo "style='display:block;";
757         }
758         else
759         {
760             echo "style='display:none;";
761         }
762         ?>><input type="text" name="famotht" placeholder
763         ="please specify here" value=""<?php if(
764         $invalid_input) echo $session_data2['family'];
765         elseif($recordexist == true) echo $familyotht;
766         ?>" readonly disabled></div>
767     <td>
768     <td>
769     <td>
770     </tr>
771     <tr>
772     <td><input type="radio" name="druga" id="drugay
773         " value="Yes" <?php
774         if($invalid_input){
775             if($session_data2['druga'] == "Yes") echo "checked
776             ";
777         }
778         elseif($recordexist == true && $druga=="Yes")
779         echo 'checked'; ?> readonly>
780     <td><input type="radio" name="druga" id="drugan
781         " value="No" <?php
782         if($invalid_input){
783             if($session_data2['druga'] == "No") echo "checked
784             ";
785         }
786         elseif($recordexist == true && $druga=="No")
787         echo 'checked'; ?> readonly>
788     <td>Drugs
789     <td>
790     <td>
791     <td>
792     </tr>
793     <tr>
794     <td><input type="radio" name="fooda" id="fooday"
795         value="Yes" <?php
796         if($invalid_input){
797             if($session_data2['fooda'] == "Yes") echo "checked
798             ";
799         }
800         elseif($recordexist == true && $fooda=="Yes")
801         echo 'checked'; ?> readonly>
802     <td><input type="radio" name="fooda" id="foodan"
803         value="No" <?php
804         if($invalid_input){
805             if($session_data2['fooda'] == "No") echo "checked
806             ";
807         }
808         elseif($recordexist == true && $fooda=="No")
809         echo 'checked'; ?> readonly>
810     <td>Food
811     <td>
812     <td>
813     <td>
814     </tr>
815     <tr>
816     <td><input type="radio" name="ruba" id="rubay"
817         value="Yes" <?php
818         if($invalid_input){
819             if($session_data2['ruba'] == "Yes") echo "checked"
820             ;
821         }
822         elseif($recordexist == true && $ruba=="Yes") echo
823         'checked'; ?> readonly>
824     <td><input type="radio" name="ruba" id="ruban"
825         value="No" <?php
826         if($invalid_input){
827             if($session_data2['ruba'] == "No") echo "checked";
828         }
829         elseif($recordexist == true && $ruba=="No") echo
830         'checked'; ?> readonly>
831     <td>Rubber
832     <td>
833     <td>
834     <td>
835     </tr>
836     <tr>
837     <td><input type="radio" name="aloth" id="alothy"
838         value="Yes" onClick="showdiv(this.name, this.
839         value);" <?php
840         if($invalid_input){
841             if($session_data2['aloth'] == "Yes") echo "checked
842             ";
843         }
844         elseif($recordexist == true && $allergyoth=="Yes")
845         echo 'checked'; ?> readonly>
846     <td><input type="radio" name="aloth" id="alothn"
847         value="No" onClick="showdiv(this.name, this.
848         value);" <?php
849         if($invalid_input){
850             if($session_data2['aloth'] == "No") echo "checked
851             ";
852         }
853         elseif($recordexist == true && $allergyoth=="No")
854         echo 'checked'; ?> readonly>
855     <td>Others
856     <td>
857     <td>
858     <td>
859     </tr>
860     <tr>
861     <td colspan="6"><br><b>Allergies</b>
862     <td>
863     <td>
864     <td>
865     </tr>
866     <tr>
867     <td><div id="allergy" <?php
868         if($invalid_input){
869             if($session_data2['aloth'] == "Yes") echo "style='
870             display:block;";
871         }
872         else echo "style='display:none;";
873         }
874         elseif($recordexist == true && $allergyoth=="Yes")
875         {
876             echo "style='display:block;";
877         }
878         else
879         {
880             echo "style='display:none;";
881         }
882         ?>><input type="text" name="alotht" placeholder="
883         please specify here" value=""<?php if(
884         $invalid_input) echo $session_data2['allergy'];
885         elseif($recordexist == true) echo $allergyotht;
886         ?>" readonly disabled></div>
887     <td>
888     <td>
889     <td>
890     </tr>
891     <tr>
892     <td colspan="6"><br><b>Females</b>
893     <td>
894     <td>
895     <td>
896     </tr>
897     <tr>
898     <td>YES

```

```

851 <td>NO
852 <td>
853 <td>
854 <td>
855 <td>
856 </tr>
857 <tr>
858 <td><input type="radio" name="pregfe" id="pregfey"
      " value="Yes" <?php
859 if ($invalid_input){
860 if ($session_data2['pregfe'] == "Yes") echo "
      checked";
861 }
862 elseif ($recordexist == true && $pregfe=="Yes")
      echo 'checked'; ?> readonly>
863 <td><input type="radio" name="pregfe" id="pregfen"
      " value="No" <?php
864 if ($invalid_input){
865 if ($session_data2['pregfe'] == "No") echo "
      checked";
866 }
867 elseif ($recordexist == true && $pregfe=="No")
      echo 'checked'; ?> readonly>
868 <td>Are you pregnant now?
869 <td>
870 <td>
871 <td>
872 </tr>
873 <tr>
874 <td><input type="radio" name="bffe" id="bffey"
      value="Yes" <?php
875 if ($invalid_input){
876 if ($session_data2['bffe'] == "Yes") echo "checked"
      ;
877 }
878 elseif ($recordexist == true && $bffe=="Yes") echo
      'checked'; ?> readonly>
879 <td><input type="radio" name="bffe" id="bffen"
      value="No" <?php
880 if ($invalid_input){
881 if ($session_data2['bffe'] == "No") echo "checked";
882 }
883 elseif ($recordexist == true && $bffe=="No") echo '
      checked'; ?> readonly>
884 <td>Are you breastfeeding now?
885 <td>
886 <td>
887 <td>
888 </tr>
889 <tr>
890 <td><input type="radio" name="hrtfe" id="hrtfey"
      value="Yes" <?php
891 if ($invalid_input){
892 if ($session_data2['hrtfe'] == "Yes") echo "checked
      ";
893 }
894 elseif ($recordexist == true && $hrtfe=="Yes")
      echo 'checked'; ?> readonly>
895 <td><input type="radio" name="hrtfe" id="hrtfen"
      value="No" <?php
896 if ($invalid_input){
897 if ($session_data2['hrtfe'] == "No") echo "checked
      ";
898 }
899 elseif ($recordexist == true && $hrtfe=="No") echo
      'checked'; ?> readonly>
900 <td>Under hormone replacement therapy?
901 <td>
902 <td>
903 <td>
904 </tr>
905 <tr>
906 <td><input type="radio" name="mensfe" id="
      mensfey" value="Yes" <?php
907 if ($invalid_input){
908 if ($session_data2['mensfe'] == "Yes") echo "
      checked";
909 }
910 elseif ($recordexist == true && $mensfe=="Yes")
      echo 'checked'; ?> readonly>
911 <td><input type="radio" name="mensfe" id="
      mensfen" value="No" <?php
912 if ($invalid_input){
913 if ($session_data2['mensfe'] == "No") echo "
      checked";
914 }
915 elseif ($recordexist == true && $mensfe=="No")
      echo 'checked'; ?> readonly>
916 <td>Menstruation?
917 <td>
918 <td>
919 <td>
920 </tr>
921 <tr>
922 <td><input type="radio" name="confe" id="confey"
      value="Yes" <?php
923 if ($invalid_input){
924 if ($session_data2['confe'] == "Yes") echo "checked
      ";
925 }
926 elseif ($recordexist == true && $confe=="Yes")
      echo 'checked'; ?> readonly>
927 <td><input type="radio" name="confe" id="confen"
      value="No" <?php
928 if ($invalid_input){
929 if ($session_data2['confe'] == "No") echo "checked
      ";
930 }
931 elseif ($recordexist == true && $confe=="No") echo
      'checked'; ?> readonly>
932 <td>Taking any form of contraceptive?
933 <td>
934 <td>
935 <td>
936 </tr>
937 </table>
938 <br><br>
939 <br><br>
940 <br><br>
941 <br><br>
942 <br><br>
943 <br><br>
944 </form></div>
945 </div>
946 </body>
947 </html>

```

Listing 97: patientdashboardview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
  ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='".base_url().
  "js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='".base_url().
  "js/patientdb.js'></script>"
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
  Transitional//EN" "http://www.w3.org/TR/xhtml1
  /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml">
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
  jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
  "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
  -1.10.3.custom.js"></script>
16
17 <?php $session_data = $this->session->userdata('
  logged_in');
18 $sect = "";
19 $sect = $session_data['section'];
20 foreach($sect as $row){
21 if($row != "System Maintenance");
22 $sect = $row;
23 } ?>
24
25 <title>Patient Dashboard - <?php echo $sect; ?></
  title>
26 <link rel="shortcut icon" href="<?php echo base_url();
  ?>images/upcd-20140224-favicon.ico">
27 <script type="text/javascript">
28 function clearpatient(){
29 var conf = confirm("Clear this patient?");
30 if(conf == true){
31 var url = "http://localhost/DentISt/index.php/
  clearpatient";
32 window.location = url;
33 }
34 }
35 </script>
36 </head>
37 <?php
38 $session_data = $this->session->userdata('logged_in');
39 $username = $session_data['username'];
40
41 $session_data2 = $this->session->userdata('has_error');
42 $invalid_input = $session_data2['invalid_input'];
43
44 ?>
45 <body>
46
47 <div class="validation" style="display:<?if(
  validation_errors() == true) echo 'block'; else echo
  'none'?>">
48 <?php echo validation_errors(); ?>
49 </div>
50 <div class="maindiv">
51 <?php include('patient_header.php'); ?>

```

```

53 <?php
54 $id = $this->uri->segment(3);
55
56 ?>
57
58 <center>
59
60 <?php $OD = false;
61 $session_data = $this->session->userdata('logged_in');
62 $section = $session_data['section'];
63 if (in_array("Oral Diagnosis", $section)) $OD = true;
64 ?>
65
66 <div class="validationexc" style="display: <?php if(
67 $this->session->userdata('has_error_dashboard'))
68 echo 'block'; else 'none' ?>;">
69 <?php $session_data = $this->session->userdata('
70 has_error_dashboard');
71 echo $session_data['error'];
72 ?>
73 </div>
74 <?php
75 if ($rejected){
76 echo "<h4><font color=red>This record has been
77 marked 'Rejected'. Please do the necessary
78 revisions.</font></h4>";
79 } ?>
80 <h3><a href="<?php echo base_url(); ?>index.php/
81 patientinformation/patient/<?php echo $id; ?>">
82 Patient Information </a></h3>
83 <h3><a href="<?php echo base_url(); ?>index.php/
84 patientchecklist/patient/<?php echo $id; ?>">
85 Patient Checklist </a></h3>
86 <h3><a href="<?php echo base_url(); ?>index.php/
87 medandsochistory/patient/<?php echo $id; ?>">
88 Medical and Social History </a></h3>
89 <h3><a href="<?php echo base_url(); ?>index.php/
90 dentaldata/patient/<?php echo $id; ?>"> Dental
91 Data </a></h3>
92 <h3><a href="<?php echo base_url(); ?>index.php/
93 dentalchart/patient/<?php echo $id; ?>"> Dental
94 Status Chart </a></h3>
95 <h3><a href="<?php echo base_url(); ?>index.php/
96 treatmentplan/patient/<?php echo $id; ?>">
97 Treatment Plan </a></h3>
98 <?php if($OD) echo "<h3><a href=" . base_url(). "index
99 .php/radiographicexam/patient/$id">
100 Radiographic Examination </a></h3>";
101 else echo "<h3><a href=" . base_url(). "index.php/
102 radiographicexam/view/$id"> Radiographic
103 Examination </a></h3>"; ?>
104 <h3><a href="<?php echo base_url(); ?>index.php/
105 servicesrendered/patient/<?php echo $id; ?>">
106 Services Rendered </a></h3>
107 <h3><a href="<?php echo base_url(); ?>index.php/
108 consultationandfindings/patient/<?php echo $id;
109 ?>"> Consultation and Findings </a></h3>
110 <br>
111 <?php if($remarksInfo){
112 foreach($remarksInfo as $row){
113 echo "<table align='center' class='altcolor' style='
114 width: 50%; left: 0%; right: 0%;>";
115 echo "<tr class='header'> <td colspan=2 style='text-
116 align:center;'> Remarks </tr>";
117 if($row['patientinfo'] != ""){
118 echo "<tr><td> Patient Information
119 <td> ". $row['patientinfo']. "</tr>";
120 }
121 if($row['patientchecklist'] != ""){
122 echo "<tr>
123 <td> Patient Checklist
124 <td> ". $row['patientchecklist']. "</tr>";
125 }
126 if($row['medandsochisto'] != ""){
127 echo "<tr>
128 <td> Medical & Social History
129 <td> ". $row['medandsochisto']. "</tr>";
130 }
131 if($row['dentaldata'] != ""){
132 echo "<tr>
133 <td> Dental Data
134 <td> ". $row['dentaldata']. "</tr>";
135 }
136 if($row['dentalchart'] != ""){
137 echo "<tr>
138 <td> Dental Status Chart
139 <td> ". $row['dentalchart']. "</tr>";
140 }
141 if($row['treatmentplan'] != ""){
142 echo "<tr>
143 <td> Treatment Plan
144 <td> ". $row['treatmentplan']. "</tr>";
145 }
146 if($row['radiographicexam'] != ""){
147 echo "<tr>
148 <td> Radiographic Exam
149 <td> ". $row['radiographicexam']. "</tr>";
150 }
151 if($row['servicesrendered'] != ""){
152 echo "<tr>
153 <td> Services Rendered
154 <td> ". $row['servicesrendered']. "</tr>";
155 }
156 if($row['consultationandfindings'] != ""){
157 echo "<tr>
158 <td> Consultation and Findings
159 <td> ". $row['consultationandfindings']. "</tr>";
160 }
161 }
162 echo "</table>";
163 } ?>
164 <input type="submit" value="Submit" >
165 </form>
166 </center>
167 </div>
168 </body>
169 </html>

```

Listing 98: patientdashboard-claimview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
6 ". base_url(). "css/style.css">";
7 echo "<script type='text/javascript' src='". base_url().
8 "js/dynamic.js"></script>";
9 echo "<script type='text/javascript' src='". base_url().
10 "js/patientdb.js"></script>";
11 ?>
12 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
13 Transitional//EN" "http://www.w3.org/TR/xhtml1
14 /DTD/xhtml1-transitional.dtd">
15 <html xmlns="http://www.w3.org/1999/xhtml" >
16 <head>
17 <link href="<?php echo base_url(); ?>css/ui-lightness/
18 jquery-ui-1.10.3.custom.css" rel="stylesheet">
19 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
20 "></script>
21 <script src="<?php echo base_url(); ?>js/jquery-ui-
22 1.10.3.custom.js"></script>
23 <title>Patient Dashboard - Oral Diagnosis</title>
24 <link rel="shortcut icon" href="<?php echo base_url();
25 ?>images/upcd-20140224-favicon.ico">
26 <script type="text/javascript">
27 function visibility(element){
28 if(element == "patientinfob") {
29 if(document.getElementById(element).checked) {
30 document.getElementById('patientinfodiv').style.
31 display = "block";
32 }
33 else
34 document.getElementById('patientinfodiv').style.
35 display = "none";
36 }
37 else if(element == "patientchecklistcb") {
38 if(document.getElementById(element).checked) {
39 document.getElementById('patientchecklistdiv').style.
40 display = "block";
41 }
42 else
43 document.getElementById('patientchecklistdiv').style.
44 display = "none";
45 }
46 }
47 </script>

```

```

34 }
35 else if (element == "medandsochistocb"){
36     if (document.getElementById(element).checked){
37         document.getElementById('medandsochistodiv').style.
            display = "block";
38     }
39     else
40         document.getElementById('medandsochistodiv').style.
            display = "none";
41 }
42 else if (element == "dentaldatacb"){
43     if (document.getElementById(element).checked){
44         document.getElementById('dentaldatadiv').style.
            display = "block";
45     }
46     else
47         document.getElementById('dentaldatadiv').style.
            display = "none";
48 }
49 else if (element == "dentalchartcb"){
50     if (document.getElementById(element).checked){
51         document.getElementById('dentalchartdiv').style.
            display = "block";
52     }
53     else
54         document.getElementById('dentalchartdiv').style.
            display = "none";
55 }
56 else if (element == "treatmentplancb"){
57     if (document.getElementById(element).checked){
58         document.getElementById('treatmentplandiv').style.
            display = "block";
59     }
60     else
61         document.getElementById('treatmentplandiv').style.
            display = "none";
62 }
63 }
64 }
65 }
66 }
67 function decide(txt){
68     document.getElementById('decision').value = txt;
69     document.getElementById('CONFIRMPATIENTDB').
        submit();
70 }
71 }
72 </script>
73 </head>
74 <?php
75     $session_data = $this->session->userdata('logged_in');
76     $username_log = $session_data['username'];
77
78     $session_data2 = $this->session->userdata('has_error');
79     $invalid_input = $session_data2['invalid_input'];
80 ?>
81 <body>
82
83 <div class="validation" style="display:<?if(
            validation_errors() == true) echo 'block'; else echo
            'none'?>">
84     <?php echo validation_errors(); ?>
85 </div>
86 <div class="maindiv">

```

Listing 99: patientdashboardfacul- tyview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
        ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='".base_url().
        "js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='".base_url().
        "js/patientdb.js'></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
        Transitional//EN" "http://www.w3.org/TR/xhtml11
        /DTD/xhtml11-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml">
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
        jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
        "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
        -1.10.3.custom.js"></script>
16
17 <title>Patient Dashboard - Oral Diagnosis</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
        ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20 function visibility (element){

```

```

87 <?php include('patient_header.php'); ?>
88
89 <?php
90     $id = $this->uri->segment(3);
91
92     ?>
93     <center>
94     <?php $sect = "";
95     foreach($sec as $row){
96         if($row != "System Maintenance");
97             $sect = $row;
98     } ?>
99     <h2> <?php echo $sect; ?> </h2>
100
101     <h3><a href="<?php echo base_url(); ?>index.php/
        patientinformation/view/<?php echo $id; ?>">
        Patient Information </a></h3>
102     <h3><a href="<?php echo base_url(); ?>index.php/
        patientchecklist/view/<?php echo $id; ?>">
        Patient Checklist </a></h3>
103     <h3><a href="<?php echo base_url(); ?>index.php/
        medandsochistory/view/<?php echo $id; ?>">
        Medical and Social History </a></h3>
104     <h3><a href="<?php echo base_url(); ?>index.php/
        dentaldata/view/<?php echo $id; ?>"> Dental
        Data </a></h3>
105     <h3><a href="<?php echo base_url(); ?>index.php/
        dentalchart/view/<?php echo $id; ?>"> Dental
        Status Chart </a></h3>
106     <h3><a href="<?php echo base_url(); ?>index.php/
        treatmentplan/view/<?php echo $id; ?>">
        Treatment Plan </a></h3>
107     <h3><a href="<?php echo base_url(); ?>index.php/
        radiographicexam/view/<?php echo $id; ?>">
        Radiographic Examination </a></h3>
108     <h3><a href="<?php echo base_url(); ?>index.php/
        servicesrendered/view/<?php echo $id; ?>">
        Services Rendered </a></h3>
109     <h3><a href="<?php echo base_url(); ?>index.php/
        consultationandfindings/view/<?php echo $id; ?>"
        > Consultation and Findings </a></h3>
110 <br>
111
112 <form id="CLAIMPATIENTDB" method="post" action
        ="
113 <?php if($sect != 'Oral Diagnosis') echo base_url() .'
        index.php/setappointment/patient/'. $id; else echo
        base_url() .'index.php/loaddashboard/clmptnt/'.
        $id; ?>">
114 <input type="hidden" name="id" value="
        <?php echo $id; ?>">
115
116 <br>
117 <input type="submit" name="Claim" value="Claim"
        ><br>
118 </form>
119 </center>
120 </div>
121 </body>
122 </html>

```

```

21 if (element == "patientinfocb"){
22     if (document.getElementById(element).checked){
23         document.getElementById('patientinfodiv').style.
            display = "block";
24     }
25     else{
26         document.getElementById('patientinfodiv').style.
            display = "none";
27         document.getElementById('patientinfotxt').value = "";
28     }
29 }
30 else if (element == "patientchecklistcb"){
31     if (document.getElementById(element).checked){
32         document.getElementById('patientchecklistdiv').style.
            display = "block";
33     }
34     else{
35         document.getElementById('patientchecklistdiv').style.
            display = "none";
36         document.getElementById('patientchecklisttxt').value
            = "";
37     }
38 }
39 else if (element == "medandsochistocb"){
40     if (document.getElementById(element).checked){
41         document.getElementById('medandsochistodiv').style.
            display = "block";
42     }
43     else{
44         document.getElementById('medandsochistodiv').style.
            display = "none";
45         document.getElementById('medandsochistotxt').value
            = "";

```



```

46     }
47 }
48 }
49 else if (element == "dentaldatacb"){
50     if (document.getElementById(element).checked){
51         document.getElementById('dentaldatadiv').style.
            display = "block";
52     }
53     else{
54         document.getElementById('dentaldatadiv').style.
            display = "none";
55         document.getElementById('dentaldataatxt').value = "";
56     }
57 }
58 }
59 else if (element == "dentalchartcb"){
60     if (document.getElementById(element).checked){
61         document.getElementById('dentalchartdiv').style.
            display = "block";
62     }
63     else{
64         document.getElementById('dentalchartdiv').style.
            display = "none";
65         document.getElementById('dentalcharttxt').value = "";
66     }
67 }
68 }
69 else if (element == "treatmentplancb"){
70     if (document.getElementById(element).checked){
71         document.getElementById('treatmentplandiv').style.
            display = "block";
72     }
73     else{
74         document.getElementById('treatmentplandiv').style.
            display = "none";
75         document.getElementById('treatmentplamtxt').value =
            "";
76     }
77 }
78 }
79 else if (element == "radioexamcb"){
80     if (document.getElementById(element).checked){
81         document.getElementById('radioexamdiv').style.display
            = "block";
82     }
83     else{
84         document.getElementById('radioexamdiv').style.display
            = "none";
85         document.getElementById('radioexamtxt').value = "";
86     }
87 }
88 }
89 else if (element == "servicesrenderedcb"){
90     if (document.getElementById(element).checked){
91         document.getElementById('servicesrendereddiv').style.
            display = "block";
92     }
93     else{
94         document.getElementById('servicesrendereddiv').style.
            display = "none";
95         document.getElementById('servicesrenderedtxt').value
            = "";
96     }
97 }
98 }
99 else if (element == "confindcb"){
100     if (document.getElementById(element).checked){
101         document.getElementById('confinddiv').style.display =
            "block";
102     }
103     else{
104         document.getElementById('confinddiv').style.display =
            "none";
105         document.getElementById('confindtxt').value = "";
106     }
107 }
108 }
109 }
110 }
111 }
112 function decide(txt){
113     var validate = validation();
114     if (validate == false){
115         return false;
116     }
117     else{
118         document.getElementById('decision').value = txt;
119         document.getElementById('CONFIRMPATIENTDB').
            submit();
120     }
121 }
122 }
123 function validation (){
124     if (document.getElementById('patientinfo').checked
        && document.getElementById('patientinfotxt').
            value == ""){
125         alert (" Fill up remark at Patient Information text area"
            );
126         return false;
127     }
128     else if (document.getElementById('patientchecklistcb').
        checked && document.getElementById('
            patientchecklisttxt').value == ""){
129         alert (" Fill up remark at Patient Checklist text area");
130         return false;
131     }
132     else if (document.getElementById('medandsochistocb').
        checked && document.getElementById('
            medandsochistotxt').value == ""){
133         alert (" Fill up remark at Medical and Social History
            text area");
134         return false;
135     }
136     else if (document.getElementById('dentaldatacb').
        checked && document.getElementById('
            dentaldataatxt').value == ""){
137         alert (" Fill up remark at Dental Data text area");
138         return false;
139     }
140     else if (document.getElementById('dentalchartcb').
        checked && document.getElementById('
            dentalcharttxt').value == ""){
141         alert (" Fill up remark at Dental Status Chart text area
            ");
142         return false;
143     }
144     else if (document.getElementById('treatmentplancb').
        checked && document.getElementById('
            treatmentplamtxt').value == ""){
145         alert (" Fill up remark at Treatment Plan text area");
146         return false;
147     }
148     else if (document.getElementById('radioexamcb').
        checked && document.getElementById('
            radioexamtxt').value == ""){
149         alert (" Fill up remark at Radiographic Exam text area"
            );
150         return false;
151     }
152     else if (document.getElementById('servicesrenderedcb').
        checked && document.getElementById('
            servicesrenderedtxt').value == ""){
153         alert (" Fill up remark at Services Rendered text area");
154         return false;
155     }
156     else if (document.getElementById('confindcb').checked
        && document.getElementById('confindtxt').value
            == ""){
157         alert (" Fill up remark at Consultation and Findings
            text area");
158         return false;
159     }
160     return true;
161 }
162 }
163 </script>
164 </head>
165 <?php
166     $session_data = $this->session->userdata('logged_in');
167     $username = $session_data['username'];
168
169     $session_data2 = $this->session->userdata('has_error');
170     $invalid_input = $session_data2['invalid_input'];
171     ?>
172     <body>
173
174     <div class="validation" style="display:<?if(
        validation_errors () == true) echo 'block'; else echo
        'none'?>">
175         <?php echo validation_errors(); ?>
176     </div>
177     <div class="maindiv">
178         <?php include('patient_header.php'); ?>
179
180         <?php
181             $id = $this->uri->segment(3);
182
183             if ($remarkVisible){
184                 foreach ($remarks as $row){
185                     $patientinfo = $row['patientinfo'];
186                     $patientchecklist = $row['patientchecklist'];
187                     $medandsochisto = $row['medandsochisto'];
188                     $dentaldata = $row['dentaldata'];
189                     $dentalchart = $row['dentalchart'];
190                     $treatmentplan = $row['treatmentplan'];
191                     $radioexam = $row['radiographicexam'];
192                     $servicesrendered = $row['servicesrendered'];
193                     $confind = $row['consultationandfindings'];
194                 }
195             }
196
197         ?>
198         <center>
199         <?php
200             $session_data = $this->session->userdata('logged_in');
201             $sec = $session_data['section'];
202             $sect = "";
203             foreach ($sec as $row){

```

```

204     if($row != "System Maintenance"){
205         $sect = $row;
206     }
207 } ?>
208
209 <?php if($remarkVisible){
210     echo "<h4><font color='red'> This revision has been
211         marked '$status'. </font></h4>";
212 }else
213     echo "<h2> $sect Faculty Approval </h2>";
214 ?>
215 <h3><a href="<?php echo base_url(); ?>index.php/
216     patientinformation/view/<?php echo $id; ?>">
217     Patient Information </a></h3>
218 <h3><a href="<?php echo base_url(); ?>index.php/
219     patientchecklist/view/<?php echo $id; ?>">
220     Patient Checklist </a></h3>
221 <h3><a href="<?php echo base_url(); ?>index.php/
222     medandsochistory/view/<?php echo $id; ?>">
223     Medical and Social History </a></h3>
224 <h3><a href="<?php echo base_url(); ?>index.php/
225     dentaldata/view/<?php echo $id; ?>"> Dental
226     Data </a></h3>
227 <h3><a href="<?php echo base_url(); ?>index.php/
228     dentalchart/view/<?php echo $id; ?>"> Dental
229     Status Chart </a></h3>
230 <h3><a href="<?php echo base_url(); ?>index.php/
231     treatmentplan/view/<?php echo $id; ?>">
232     Treatment Plan </a></h3>
233 <h3><a href="<?php echo base_url(); ?>index.php/
234     radiographicexam/view/<?php echo $id; ?>">
235     Radiographic Examination </a></h3>
236 <h3><a href="<?php echo base_url(); ?>index.php/
237     servicesrendered/view/<?php echo $id; ?>">
238     Services Rendered </a></h3>
239 <h3><a href="<?php echo base_url(); ?>index.php/
240     consultationandfindings/view/<?php echo $id; ?>">
241     Consultation and Findings </a></h3><br>
242
243 <form id="CONFIRMPATIENTDB" method="post"
244     onSubmit="<?php echo base_url().'index.php/
245     verifypatientrecord';?>" action="<?php echo
246     base_url().'index.php/verifypatientrecord';?>">
247 <input type="hidden" name="id" value="
248     <?php echo $id; ?>">
249 <input type="hidden" name="decision" id="decision">
250 <?php
251     $sec = $session_data['section'];
252     $sect = "";
253     foreach($sect as $row){
254         if($row != "System Maintenance"){
255             $sect = $row;
256         }
257     }
258     $sptnt = $this->patient->getSection($id, $sect);
259     foreach($sptnt as $row){
260         $section = $row['section7'];
261     }
262     ?>
263 <b>Refer to section: <?php echo $section; ?> </b><br>
264
265     Remarks:<br>
266 <table>
267 <tr>
268 <td><input type="checkbox" name="sectn[]" id="
269     patientinfocb" value="Patient Information"
270     onClick="visibility(this.id)" <?php if(
271     $remarkVisible && $patientinfo != "") echo "
272     checked"; if($status == 'Approved' || $status
273     == 'Rejected') echo " disabled";
274 ?> > Patient Information
275 <td><div id="patientinfodiv" style="display:<?php
276     if($remarkVisible && $patientinfo != "") echo '
277     block'; else echo 'none'; ?>";><textarea name=
278     "patientinfotxt" id="patientinfotxt" cols="30"
279     <?php if($status == 'Approved' || $status == '
280     Rejected') echo "readonly";?>><?php if(
281     $remarkVisible) echo $patientinfo; ?></
282     textarea></div>
283 </tr>
284 <tr>
285 <td><input type="checkbox" name="sectn[]" id="
286     patientchecklistcb" value="Patient Checklist"
287     onClick="visibility(this.id)" <?php if(
288     $remarkVisible && $patientchecklist != "")
289     echo " checked"; if($status == 'Approved' ||
290     $status == 'Rejected') echo " disabled";?> >
291     Patient Checklist
292 <td><div id="patientchecklistdiv" style="display:<?
293     if($remarkVisible && $patientchecklist != "")
294     echo 'block'; else echo 'none'; ?>";><textarea
295     name="patientchecklisttxt" id="
296     patientchecklisttxt" cols="30" <?php if($status
297     == 'Approved' || $status == 'Rejected') echo
298     "readonly";?>><?php if($remarkVisible) echo
299     $patientchecklist; ?></textarea></div>
300 </tr>
301 <tr>
302 <td><input type="checkbox" name="sectn[]" id="
303     dentaldatacb" value="Dental Data"
304     onClick="visibility(this.id)" <?php if(
305     $remarkVisible && $dentaldata != "") echo "
306     checked"; if($status == 'Approved' || $status
307     == 'Rejected') echo " disabled"; ?> > Dental
308     Data
309 <td><div id="dentaldatadiv" style="display:<?php
310     if($remarkVisible && $dentaldata != "") echo '
311     block'; else echo 'none'; ?>";><textarea name=
312     "dentaldatatxt" id="dentaldatatxt" cols="30"
313     <?php if($status == 'Approved' || $status == '
314     Rejected') echo "readonly"; ?>><?php if(
315     $remarkVisible) echo $dentaldata; ?></
316     textarea></div>
317 </tr>
318 <tr>
319 <td><input type="checkbox" name="sectn[]" id="
320     dentalchartcb" value="Dental Status Chart"
321     onClick="visibility(this.id)" <?php if(
322     $remarkVisible && $dentalchart != "") echo "
323     checked"; if($status == 'Approved' || $status
324     == 'Rejected') echo " disabled"; ?> > Dental
325     Status Chart
326 <td><div id="dentalchartdiv" style="display:<?php
327     if($remarkVisible && $dentalchart != "") echo '
328     block'; else echo 'none'; ?>";><textarea name=
329     "dentalcharttxt" id="dentalcharttxt" cols="30"
330     <?php if($status == 'Approved' || $status == '
331     Rejected') echo "readonly"; ?>><?php if(
332     $remarkVisible) echo $dentalchart; ?></
333     textarea></div>
334 </tr>
335 <tr>
336 <td><input type="checkbox" name="sectn[]" id="
337     treatmentplancb" value="Treatment Plan"
338     onClick="visibility(this.id)" <?php if(
339     $remarkVisible && $treatmentplan != "") echo
340     " checked"; if($status == 'Approved' || $status
341     == 'Rejected') echo " disabled"; ?> >
342     Treatment Plan
343 <td><div id="treatmentplandiv" style="display:<?
344     php if($remarkVisible && $treatmentplan != "")
345     echo 'block'; else echo 'none'; ?>";><textarea
346     name="treatmentplantxt" id="
347     treatmentplantxt" cols="30" <?php if($status
348     == 'Approved' || $status == 'Rejected') echo
349     "readonly"; ?>><?php if($remarkVisible) echo
350     $treatmentplan; ?></textarea></div>
351 </tr>
352 <tr>
353 <td><input type="checkbox" name="sectn[]" id="
354     radioexamcb" value="Radiographic Exam"
355     onClick="visibility(this.id)" <?php if(
356     $remarkVisible && $radioexam != "") echo "
357     checked"; if($status == 'Approved' || $status
358     == 'Rejected') echo " disabled"; ?> >
359     Radiographic Exam
360 <td><div id="radioexamdiv" style="display:<?php
361     if($remarkVisible && $radioexam != "") echo '
362     block'; else echo 'none'; ?>";><textarea name=
363     "radioexamtxt" id="radioexamtxt" cols="30"
364     <?php if($status == 'Approved' || $status == '
365     Rejected') echo "readonly"; ?>><?php if(
366     $remarkVisible) echo $radioexam; ?></
367     textarea></div>
368 </tr>
369 <tr>
370 <td><input type="checkbox" name="sectn[]" id="
371     servicesrenderedcb" value="Services Rendered"
372     onClick="visibility(this.id)" <?php if(
373     $remarkVisible && $servicesrendered != "")
374     echo " checked"; if($status == 'Approved' ||
375     $status == 'Rejected') echo " disabled"; ?> >
376     Services Rendered
377 <td><div id="servicesrendereddiv" style="display:
378     :<?php if($remarkVisible && $servicesrendered
379     != "") echo 'block'; else echo 'none'; ?>";><
380     textarea name="servicesrenderedtxt" id="
381     servicesrenderedtxt" cols="30" <?php if($status
382     == 'Approved' || $status == 'Rejected') echo
383     "readonly"; ?>><?php if($remarkVisible) echo
384     "readonly"; ?>><?php if($remarkVisible) echo

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277     $servicesrendered; ?></textarea></div>
278 </tr>
279 <tr>
280 <td><input type="checkbox" name="sectn[]" id="
    confindcb" value="Consultation and Findings"
    onClick="visibility(this.id)" <?php if(
    $remarkVisible && $confind != "") echo "
    checked"; if($status == 'Approved' || $status
    == 'Rejected') echo " disabled"; ?>>
    Consultation and Findings
281 <td><div id="confinddiv" style="display:<?php if(
    $remarkVisible && $confind != "") echo 'block';
    else echo 'none'; ?>";><textarea name="
    confindtxt" id="confindtxt" cols="30" <?php if
    ($status == 'Approved' || $status == 'Rejected
    ') echo "readonly"; ?>><?php if(
    $remarkVisible) echo $confind; ?></textarea
    ></div>
282 </tr>
283 </table><br>
284 <?php if($status == 'Temporary' || $status == ''){
285     echo " <input type='button' name='Save' value='Save
    Remarks' onClick='decide(\"Temporary\")'>&
    nbsp;<input type='button' name='Approve'
    value='Approve' onClick='decide(\"Approved\")
    '>&nbsp;<input type='button' name='Reject'
    value='Reject' onClick='decide(\"Rejected\")'>
    ";
286 }
287 ?>
288 </form>
289 </center>
290 </div>
291 <br><br>
292 </body>
293 </html>

```

Listing 100: patientdashboardpend- ingview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
    ".base_url()."/css/style.css'>";
6 echo "<script type='text/javascript' src='".base_url().
    "/js/dynamic.js"></script>";
7 echo "<script type='text/javascript' src='".base_url().
    "/js/patientdb.js"></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional/EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
    jquery-ui-1.10.3.custom.css" rel="stylesheet" >
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
    -1.10.3.custom.js"></script>
16
17 <title>Patient Dashboard - Oral Diagnosis</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20 function visibility(element){
21     if(element == "patientinfob") {
22         if(document.getElementById(element).checked) {
23             document.getElementById('patientinfodiv').style.
                display = "block";
24         }
25     } else
26         document.getElementById('patientinfodiv').style.
            display = "none";
27 }
28 else if(element == "patientchecklistcb") {
29     if(document.getElementById(element).checked) {
30         document.getElementById('patientchecklistdiv').style.
            display = "block";
31     }
32     else
33         document.getElementById('patientchecklistdiv').style.
            display = "none";
34 }
35 else if(element == "medandsochistocb") {
36     if(document.getElementById(element).checked) {
37         document.getElementById('medandsochistodiv').style.
            display = "block";
38     }
39     else
40         document.getElementById('medandsochistodiv').style.
            display = "none";
41 }
42 else if(element == "dentaldatacb") {
43     if(document.getElementById(element).checked) {
44         document.getElementById('dentaldatadiv').style.
            display = "block";
45     }
46     else
47         document.getElementById('dentaldatadiv').style.
            display = "none";
48 }
49 else if(element == "dentalchartcb") {
50     if(document.getElementById(element).checked) {
51         document.getElementById('dentalchartdiv').style.
            display = "block";
52     }
53     else
54         document.getElementById('dentalchartdiv').style.
            display = "none";
55 }
56 else if(element == "treatmentplancb") {
57     if(document.getElementById(element).checked) {
58         document.getElementById('treatmentplandiv').style.
            display = "block";
59     }
60     else
61         document.getElementById('treatmentplandiv').style.
            display = "none";
62 }
63 }
64 }
65 }
66
67 function decide(txt) {
68     document.getElementById('decision').value = txt;
69     document.getElementById('CONFIRMPATIENTDB').
        submit();
70 }
71 </script>
72 </head>
73 <?php
74 $session_data = $this->session->userdata('logged_in');
75 $username = $session_data['username'];
76
77 $session_data2 = $this->session->userdata('has_error');
78 $invalid_input = $session_data2['invalid_input'];
79 ?>
80 <body>
81
82 <div class="validation" style="display:<?if(
    validation_errors() == true) echo 'block'; else echo
    'none'?>";>
83 <?php echo validation_errors(); ?>
84 </div>
85 <div class="maindiv">
86 <?php include('patient_header.php'); ?>
87
88 <?php
89 $id = $this->uri->segment(3);
90
91 ?>
92 <center>
93 <?php
94 $session_data = $this->session->userdata('logged_in');
95 $sec = $session_data['section'];
96 $sect = "";
97 foreach($sec as $row) {
98     if($row != "System Maintenance") {
99         $sect = $row;
100     }
101 } ?>
102 <h4><font color='red'> This patient's record is
    currently subject for approval. </font></h4>
103
104 <h3><a href="<?php echo base_url(); ?>index.php/
    patientinformation/view/<?php echo $id; ?>">
    Patient Information </a></h3>
106 <h3><a href="<?php echo base_url(); ?>index.php/
    patientchecklist/view/<?php echo $id; ?>">
    Patient Checklist </a></h3>
107 <h3><a href="<?php echo base_url(); ?>index.php/
    medandsochistory/view/<?php echo $id; ?>">
    Medical and Social History </a></h3>
108 <h3><a href="<?php echo base_url(); ?>index.php/
    dentaldata/view/<?php echo $id; ?>"> Dental
    Data </a></h3>
109 <h3><a href="<?php echo base_url(); ?>index.php/
    dentalchart/view/<?php echo $id; ?>"> Dental
    Status Chart </a></h3>
110 <h3><a href="<?php echo base_url(); ?>index.php/
    treatmentplan/view/<?php echo $id; ?>">
    Treatment Plan </a></h3>
111 <h3><a href="<?php echo base_url(); ?>index.php/

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        radiographicexam/view/<?php echo $id;?>">
112 <h3><a href="<?php echo base_url(); ?>index.php/
        servicesrendered/view/<?php echo $id;?>">
        Services Rendered </a></h3>
113 <h3><a href="<?php echo base_url(); ?>index.php/
        consultationandfindings/view/<?php echo $id;
        ?>"> Consultation and Findings </a></h3><br
        >
114
115 <form id="CONFIRMPATIENTDB" method="post"
        onSubmit="<?php echo base_url().index.php/
        verifypatientrecord;?>" action="<?php echo
        base_url().index.php/verifypatientrecord;?>">
116 <input type="hidden" name="id" value="id"
        =>"<?php echo $id;?>">
117 <input type="hidden" name="decision" id="decision">
118 <?php

```

Listing 101: patientdashboardprivate-view.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
        ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='".base_url().
        "js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='".base_url().
        "js/patientdb.js'></script>"
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
        Transitional//EN" "http://www.w3.org/TR/xhtml1
        /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
        jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
        "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
        -1.10.3.custom.js"></script>
16
17 <title>Patient Dashboard - Oral Diagnosis</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
        ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20 function visibility(element){
21     if(element == "patientinfocb"){
22         if(document.getElementById(element).checked){
23             document.getElementById('patientinfodiv').style.
                display = "block";
24         }
25         else
26             document.getElementById('patientinfodiv').style.
                display = "none";
27     }
28     else if(element == "patientchecklistcb"){
29         if(document.getElementById(element).checked){
30             document.getElementById('patientchecklistdiv').style.
                display = "block";
31         }
32         else
33             document.getElementById('patientchecklistdiv').style.
                display = "none";
34     }
35     else if(element == "medandsochistocb"){
36         if(document.getElementById(element).checked){
37             document.getElementById('medandsochistodiv').style.
                display = "block";
38         }
39         else
40             document.getElementById('medandsochistodiv').style.
                display = "none";
41     }
42     else if(element == "dentaldatacb"){
43         if(document.getElementById(element).checked){
44             document.getElementById('dentaldatadiv').style.
                display = "block";
45         }
46         else
47             document.getElementById('dentaldatadiv').style.
                display = "none";
48     }
49     else if(element == "dentalchartcb"){
50         if(document.getElementById(element).checked){
51             document.getElementById('dentalchartdiv').style.
                display = "block";
52         }
53         else
54             document.getElementById('dentalchartdiv').style.
                display = "none";
55     }
56     else if(element == "treatmentplancb"){
57         if(document.getElementById(element).checked){
58             document.getElementById('treatmentplandiv').style.
                display = "block";
59         }
60         else
61             document.getElementById('treatmentplandiv').style.
                display = "none";
62     }
63     }
64     }
65     }
66     }
67     function decide(txt){
68         document.getElementById('decision').value = txt;
69         document.getElementById('CONFIRMPATIENTDB').
            submit();
70     }
71 </script>
72 </head>
73 <?php
74 $session_data = $this->session->userdata('logged_in');
75 $username = $session_data['username'];
76
77 $session_data2 = $this->session->userdata('has_error');
78 $invalid_input = $session_data2['invalid_input'];
79 ?>
80 <body>
81
82
83 <div class="validation" style="display:<?if(
        validation_errors() == true) echo 'block'; else echo
        'none'?>">
84 <?php echo validation_errors(); ?>
85 </div>
86 <div class="maindiv">
87 <?php include('patient_header.php'); ?>
88
89 <?php
90 $id = $this->uri->segment(3);
91
92 ?>
93 <center>
94 <?php
95 $session_data = $this->session->userdata('logged_in');
96 $sec = $session_data['section'];
97 $sect = "";
98 foreach($sec as $row){
99     if($row != "System Maintenance"){
100         $sect = $row;
101     }
102 } ?>
103 <h4><font color='red'> This patient's record is under
        other clinician's supervision. </font></h4>
104
105 <h3><a href="<?php echo base_url(); ?>index.php/
        patientinformation/view/<?php echo $id; ?>">
        Patient Information </a></h3>
106 <h3><a href="<?php echo base_url(); ?>index.php/
        patientchecklist/view/<?php echo $id; ?>">
        Patient Checklist </a></h3>
107 <h3><a href="<?php echo base_url(); ?>index.php/
        medandsochistory/view/<?php echo $id; ?>">
        Medical and Social History </a></h3>
108 <h3><a href="<?php echo base_url(); ?>index.php/
        dentaldata/view/<?php echo $id; ?>"> Dental
        Data </a></h3>
109 <h3><a href="<?php echo base_url(); ?>index.php/
        dentalchart/view/<?php echo $id; ?>"> Dental
        Status Chart </a></h3>
110 <h3><a href="<?php echo base_url(); ?>index.php/
        treatmentplan/view/<?php echo $id; ?>">
        Treatment Plan </a></h3>
111 <h3><a href="<?php echo base_url(); ?>index.php/
        radiographicexam/view/<?php echo $id;?>">
        Radiographic Examination </a></h3>
112 <h3><a href="<?php echo base_url(); ?>index.php/
        servicesrendered/view/<?php echo $id;?>">
        Services Rendered </a></h3>
113 <h3><a href="<?php echo base_url(); ?>index.php/

```

```

114     consultationandfindings/view/<?php echo $id; ?>"
115     > Consultation and Findings </a></h3><br>
116 <form id="CONFIRMPATIENTDB" method="post"
117     onSubmit="<?php echo base_url().'.index.php/
    verifypatientrecord';?>" action="<?php echo
    base_url().'.index.php/verifypatientrecord';?>">
118 <input type="hidden" name="id" value="
    <?php echo $id;?>">
119 <input type="hidden" name="decision" id="decision">

```

Listing 102: patientheader.php

```

1 <body>
2 <?php
3 echo "<link rel='stylesheet' type='text/css' href='
    ".base_url()."css/style.css'>";
4 $session_data = $this->session->userdata('logged_in');
5 $username = $session_data['username'];
6
7 ?>
8
9 <div class="rounded2" style="position: relative;
    background: #9400D3; color: white; padding-top: 5
    px; padding-bottom: 5px; padding-left: 5px; height
    :80px; border:2px solid; border-top-left-radius:12
    px; border-top-right-radius:12px;">
10
11 <?php
12
13 $session_data = $this->session->userdata('
    current_patient');
14 $name = $session_data['name'];
15 $address = $session_data['address'];
16 $age = $session_data['age'];

```

Listing 103: patientinformation-view.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
    ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='\".base_url().
    \"js/dynamic.js\"></script>";
7 echo "<script type='text/javascript' src='\".base_url().
    \"js/patientdb.js\"></script>";
8
9 ?>
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml">
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
    jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
    -1.10.3.custom.js"></script>
16
17 <?php
18 $session_data = $this->session->userdata('logged_in');
19 $sect = $session_data['section'];
20 $section = "";
21 foreach($sect as $row){
22     if($row != "System Maintenance"){
23         $section = $row;
24         break;
25     }
26 }
27
28 ?>
29
30 <title>Patient Information - <?php echo $section;
    ?></title>
31 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
32 <script type="text/javascript">
33
34
35 </script>
36 </head>
37 <?php
38 $session_data = $this->session->userdata('logged_in');
39 $username = $session_data['username'];
40
41 $session_data2 = $this->session->userdata('has_error');
42 $invalid_input = $session_data2['invalid_input'];
43
44 if($recordexist){
45     foreach($info as $row){
46         $civstat = $row['civstat'];
47         $phonenum = $row['phonenum'];

```

```

118 </form>
119 </center>
120
121
122
123 </div><br><br>
124 </body>
125
126 </html>

```

```

17 $gender = $session_data['gender'];
18 $id = $session_data['id'];
19
20 if($this->session->userdata('current_patient'))
21 {
22     echo "<div width='50%' style='position:absolute; text-
    align:left;'><font align='left' size=4>". $name."
    </font><br><br>";
23     echo "<font align='left' size=3>". $gender." ". $age."
    years old </font><br>";
24     echo "<font align='left' size=2>". $address."</font></
    div>";
25
26     echo "<div width='50%' style='position:absolute; left:
    80%; text-align: right;'><font style='text-align:
    right;' size=4>UPCD ID ". $id."</font></div>"
    ;
27 }
28
29 ?>
30 </div>
31 <br>
32
33 </body>

```

```

48 $edattain = $row['edattain'];
49 $occ = $row['occupation'];
50 $pntnicoe = $row['persononotify'];
51 $pntnicoenum = $row['persononotifynum'];
52 $histo = $row['histo'];
53 $gait = $row['gait'];
54 $appear = $row['appear'];
55 $dfcts = $row['dfcts'];
56 $bp = $row['bp'];
57 $pr = $row['pr'];
58 $rr = $row['rr'];
59 $temp = $row['temp'];
60 $wt = $row['weight'];
61 }
62 }
63 ?>
64 <body>
65
66 <div class="validation" style="display:<?if(
    validation_errors() == true) echo 'block'; else echo
    'none'?>">
67 <?php echo validation_errors(); ?>
68 </div>
69 <div class="maindiv" >
70 <?php include('patient_header.php');
71
72 $id = $this->uri->segment(3);
73 ?>
74 <div id="Content_Area" >
75
76 <form id="ADDPATIENTINFORMATION" name="
    ADDPATIENTINFORMATION" action="<?php
    echo base_url();?>index.php/
    verifyaddpatientinformation" method="post">
77
78 <br><a href="<?php echo base_url();?>index.php/
    loaddashboard/patientdb/<?php echo $id; ?>">
    Dashboard </a> &nbsp;&nbsp;<a href="<?php echo
    base_url();?>index.php/viewpatientinfoversions">
    View Versions </a><br><br>
79
80 <div class="validationexc" style="display:<?php if($this
    ->session->userdata('has_error')) echo 'block'; else
    'none' ?>";">
81 <?php $session_data = $this->session->userdata('
    has_error');
82     echo $session_data['error'];
83
84 ?>
85 </div>
86 <div style="position: relative; text-align:right; color:
    red; right: 5%;"><i>* means required</i></div>
87 <table frame="box" class="frame">
88 <tr class="header">
89 <td colspan=2>Additional Demographics
90 </tr>
91 <tr>
92 <td><label for="civstat">Civil Status: <font color='
    red'>*</font></td>
93 <td><select name="civstat" id="civstat">
94 <option value="Select one.." selected> Select one.. </
    option>

```

```

94 <option value="Single" <?php if($invalid_input){
95     if($session_data2['civstat'] == "Single") echo "
96         selected";
97     }
98     elseif($recordexist == true && $civstat == 'Single'
99         ) echo 'selected'; ?>> Single </option>
100 <option value="Married" <?php if($invalid_input){
101     if($session_data2['civstat'] == "Married") echo "
102         selected";
103     }
104     elseif($recordexist == true && $civstat == '
105         Married') echo 'selected'; ?>> Married </
106         option>
107 <option value="Separated" <?php if($invalid_input){
108     if($session_data2['civstat'] == "Separated") echo
109         "selected";
110     }
111     elseif($recordexist == true && $civstat == '
112         Separated') echo 'selected'; ?>> Separated </
113         option>
114 <option value="Divorced" <?php if($invalid_input){
115     if($session_data2['civstat'] == "Divorced") echo "
116         selected";
117     }
118     elseif($recordexist == true && $civstat == '
119         Divorced') echo 'selected'; ?>> Divorced </
120         option>
121 <option value="Widowed" <?php if($invalid_input){
122     if($session_data2['civstat'] == "Widowed") echo "
123         selected";
124     }
125     elseif($recordexist == true && $civstat == '
126         Widowed') echo 'selected'; ?>> Widowed </
127         option>
128 </select></td>
129 </tr>
130 <tr>
131 <td><label for="phone">Phone:<font color='red'
132     >*</font></td>
133 <td><input type="text" name="phone" placeholder="
134     Phone Number" value="<?php if($invalid_input)
135     echo $session_data2['phone']; elseif($recordexist ==
136     true) echo $phonenum; ?>"></td>
137 </tr>
138 <tr>
139 <td><label for="edattain">Educational Attainment:<
140     font color='red'>*</font>
141 <td><select name="edattain">
142 <option value="Select one..">Select one..</option>
143 <option value="Elementary Graduate" <?php if(
144     $invalid_input){
145     if($session_data2['edattain'] == "Elementary
146     Graduate") echo "selected";
147     }
148     elseif($recordexist == true && $edattain == '
149     Elementary Graduate') echo 'selected'; ?>>
150     Elementary Graduate</option>
151 <option value="High School Graduate" <?php if(
152     $invalid_input){
153     if($session_data2['edattain'] == "High School
154     Graduate") echo "selected";
155     }
156     elseif($recordexist == true && $edattain == 'High
157     School Graduate') echo 'selected'; ?>>High
158     School Graduate</option>
159 <option value="College Graduate" <?php if(
160     $invalid_input){
161     if($session_data2['edattain'] == "College Graduate
162     ") echo "selected";
163     }
164     elseif($recordexist == true && $edattain == '
165     College Graduate') echo 'selected'; ?>>College
166     Graduate</option>
167 <option value="Master's Decree" <?php if(
168     $invalid_input){
169     if($session_data2['edattain'] == "Masters Decree")
170     echo "selected";
171     }
172     elseif($recordexist == true && $edattain == '
173     Masters Decree') echo 'selected'; ?>>Master's
174     Decree</option>
175 </tr>
176 <tr>
177 <td><label for="occupation">Occupation:<font color=
178     'red'>*</font>
179 <td><input type="text" name="occupation" value
180     ="<?php if($invalid_input) echo $session_data2['
181     occupation']; elseif($recordexist == true) echo $occ
182     ; ?>">
183 </tr>
184 <tr>
185 <td><label for="ptnicoe">Person to notify in-case of
186     emergency:<font color='red'>*</font></td>
187 <td><input type="text" name="ptnicoe" value="<?
188     php if($invalid_input) echo $session_data2['ptnicoe'
189     ]; elseif($recordexist == true) echo $ptnicoe; ?>">
190 </tr>
191 </div>
192 </div>
193 </body>
194 </html>

```

Listing 104: patientinformationread-onlyview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
6     ".base_url()."css/style.css">";
7 echo "<script type='text/javascript' src='".base_url().
8     "js/dynamic.js"></script>";
9 echo "<script type='text/javascript' src='".base_url().
10     "js/patientdb.js"></script>"
11 ?>
12
13 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
14     Transitional//EN" "http://www.w3.org/TR/xhtml1
15     /DTD/xhtml1-transitional.dtd">
16 <html xmlns="http://www.w3.org/1999/xhtml">
17 <head>
18 <link href="<?php echo base_url(); ?>css/ui-lightness/
19     jquery-ui-1.10.3.custom.css" rel="stylesheet">
20 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
21     "></script>
22 <script src="<?php echo base_url(); ?>js/jquery-ui
23     -1.10.3.custom.js"></script>
24
25 <?php
26 $session_data = $this->session->userdata('logged_in');
27 $sect = $session_data['section'];
28 $section = "";
29 foreach($sect as $row){
30     if($row != "System Maintenance"){
31         $section = $row;
32         break;
33     }
34 }
35 ?>
36
37 <title>Patient Information - <?php echo $section;
38     ?></title>
39 <link rel="shortcut icon" href="<?php echo base_url();
40     ?>images/upcd-20140224-favicon.ico">
41 <script type="text/javascript">
42
43 </script>
44 </head>
45 <?php
46 $session_data = $this->session->userdata('logged_in');
47 $username = $session_data['username'];
48
49 $session_data2 = $this->session->userdata('has_error');
50 $invalid_input = $session_data2['invalid_input'];
51
52 if($recordexist){
53     foreach($info as $row){
54         $civstat = $row['civstat'];
55         $phonenum = $row['phonenum'];
56         $edattain = $row['edattain'];
57         $occ = $row['occupation'];
58         $pntnicoe = $row['personontofity'];
59         $pntnicoenum = $row['personontofitynum'];
60         $histo = $row['histo'];
61         $gait = $row['gait'];
62         $appear = $row['appear'];
63         $dfcts = $row['dfcts'];
64         $bp = $row['bp'];
65         $pr = $row['pr'];
66         $rr = $row['rr'];
67         $temp = $row['temp'];
68         $wt = $row['weight'];
69     }
70 }
71 ?>
72 <body>
73
74 <div class="validation" style="display:<?if(
75     validation_errors() == true) echo 'block'; else echo
76     'none'?>";
77 <?php echo validation_errors(); ?>
78 </div>
79 <div class="maindiv" style="border: 0px;">
80 <?php include('patient_header.php');
81
82 $id = $this->uri->segment(3);
83 ?>
84 <div id="Content_Area" style="border: solid 1px #7
85     F00FF;">
86
87 <center><a href="<?php echo base_url(); ?>index.php/
88     loaddashboard/patientdb/<?php echo $id; ?>">
89     Dashboard </a> &nbsp;&nbsp;<a href="<?php echo
90     base_url(); ?>index.php/viewdentalchartversions">
91     View Versions </a><br><br></center><br><br>
92
93 <form id="ADDPATIENTINFORMATION" name="
94     ADDPATIENTINFORMATION" action="<?php
95     echo base_url(); ?>index.php/
96     verifyaddpatientinformation" method="post">
97
98 <br>
99 <div class="validationexc" style="display: <?php if($this
100     ->session->userdata('has_error')) echo 'block'; else
101     'none' ?>";>
102 <?php $session_data = $this->session->userdata('
103     has_error');
104     echo $session_data['error'];
105 ?>
106 </div>
107
108 <?php if($forapproval) echo "<h4 style='color:red;'>This
109     patient's record is currently subject for approval
110     .</h4>";
111 elseif($private) echo "<h4 style='color:red;' align='
112     center'>This patient's record is under other
113     clinician's supervision.</h4>";
114 ?>
115
116 <table frame="box" class="frame">
117 <tr class="header">
118 <td colspan="2">Additional Demographics
119 </tr>
120 <tr>
121 <td><label for="civstat">Civil Status: </td>
122 <td><select name="civstat" id="civstat" disabled>
123 <option value="Select one.." selected> Select one.. </
124     option>
125 <option value="Single" <?php if($invalid_input){
126     if($session_data2['civstat'] == "Single") echo "
127     selected";
128 }
129     elseif($recordexist == true && $civstat == 'Single'
130     ) echo 'selected'; ?>> Single </option>
131 <option value="Married" <?php if($invalid_input){
132     if($session_data2['civstat'] == "Married") echo "
133     selected";
134 }
135     elseif($recordexist == true && $civstat == '
136     Married') echo 'selected'; ?>> Married </
137     option>
138 <option value="Separated" <?php if($invalid_input){
139     if($session_data2['civstat'] == "Separated") echo
140     "selected";
141 }
142     elseif($recordexist == true && $civstat == '
143     Separated') echo 'selected'; ?>> Separated </
144     option>
145 <option value="Divorced" <?php if($invalid_input){
146     if($session_data2['civstat'] == "Divorced") echo "
147     selected";
148 }
149     elseif($recordexist == true && $civstat == '
150     Divorced') echo 'selected'; ?>> Divorced </
151     option>
152 <option value="Widowed" <?php if($invalid_input){
153     if($session_data2['civstat'] == "Widowed") echo "
154     selected";
155 }
156     elseif($recordexist == true && $civstat == '
157     Widowed') echo 'selected'; ?>> Widowed </
158     option>
159 </select></td>
160 </tr>
161 <tr>
162 <td><label for="phone">Phone:</td>
163 <td><input type="text" name="phone" placeholder="
164     Phone Number" value="<?php if($invalid_input)
165     echo $session_data2['phone']; elseif($recordexist ==
166     true) echo $phonenum; ?>" readonly disabled></
167     td>
168 </tr>
169 <tr>
170 <td><label for="edattain">Educational Attainment:
171 <td><select name="edattain" disabled >
172 <option value="Select one..">Select one..</option>
173 <option value="Elementary Graduate" <?php if(
174     $invalid_input){
175     if($session_data2['edattain'] == "Elementary
176     Graduate") echo "selected";
177 }
178     elseif($recordexist == true && $edattain == '
179     Elementary Graduate') echo 'selected'; ?>>
180     Elementary Graduate</option>
181 <option value="High School Graduate" <?php if(
182     $invalid_input){
183     if($session_data2['edattain'] == "High School
184     Graduate") echo "selected";
185 }
186     elseif($recordexist == true && $edattain == 'High
187     School Graduate') echo 'selected'; ?>> High
188     School Graduate</option>
189 <option value="College Graduate" <?php if(
190     $invalid_input){

```

```

139         if($session_data2['edattain'] == "College Graduate
140             ) echo "selected";
141     }
142     elseif($recordexist == true && $edattain == '
143         College Graduate') echo 'selected'; ?>>College
144         Graduate</option>
145     <option value="Master's Decree" <?php if(
146         $invalid_input){
147         if($session_data2['edattain'] == "Masters Decree")
148             echo "selected";
149         }
150     }
151     elseif($recordexist == true && $edattain == '
152         Masters Decree') echo 'selected'; ?>>Master's
153         Decree</option>
154 </tr>
155 <tr>
156 <td><label for="occupation" readonly>Occupation:
157 <td><input type="text" name="occupation" value
158     = "<?php if($invalid_input) echo $session_data2['
159     occupation']; elseif($recordexist == true) echo $occ
160     ; ?>" readonly disabled>
161 </tr>
162 <tr>
163 <td><label for="ptnicoe">Person to notify in--case of
164 emergency:</td>
165 <td><input type="text" name="ptnicoe" value="<?
166     php if($invalid_input) echo $session_data2['ptnicoe'
167     ]; elseif($recordexist == true) echo $ptnicoe; ?>"
168     readonly disabled>
169 </tr>
170 <tr>
171 <td><label for="ptnicoenum">Phone:
172 <td><input type="text" name="ptnicoenum" value
173     = "<?php if($invalid_input) echo $session_data2['
174     ptnicoenum']; elseif($recordexist == true) echo
175     $ptnicoenum; ?>" readonly disabled>
176 </tr>
177 <tr>
178 <td> History of Present Illness:
179 <td><textarea name="hopi" id="hopi" cols=50
180     readonly><?php if($invalid_input) echo
181     $session_data2['hopi']; elseif($recordexist == true)
182     echo $histo; ?></textarea>
183 </tr>
184 </table><br>
185 <table frame="box" class="frame">
186 <tr class="header">
187 <td colspan=2>Vital Signs
188 <tr>
189 <td>Blood Pressure (mmHg):
190 <td><input type="text" name="bp" value="<?php if(
191     $invalid_input) echo $session_data2['bp']; elseif(
192     $recordexist == true) echo $bp; ?>" readonly
193     disabled>
194 </tr>
195 <tr>
196 <td>Pulse Rate (bpm):
197 <td><input type="text" name="pr" value="<?php if(
198     $invalid_input) echo $session_data2['pr']; elseif(
199     $recordexist == true) echo $pr; ?>" readonly
200     disabled>
201 </tr>
202 <tr>
203 <td>Respiration Rate (RR):
204 <td><input type="text" name="rr" value="<?php if(
205     $invalid_input) echo $session_data2['rr']; elseif(
206     $recordexist == true) echo $rr; ?>" readonly
207     disabled>
208 </tr>
209 <tr>
210 <td>Temperature (celsius):
211 <td><input type="text" name="temp" value="<?php
212     if($invalid_input) echo $session_data2['temp'];
213     elseif($recordexist == true) echo $temp; ?>"
214     readonly disabled>
215 </tr>
216 <tr>
217 <td>Weight (kg):
218 <td><input type="text" name="wt" id="wt" value
219     = "<?php if($invalid_input) echo $session_data2['
220     wt']; elseif($recordexist == true) echo $wt; ?>"
221     readonly disabled>
222 </tr>
223 </table><br><br>
224 <br><br>
225 </form>
226 </div>
227 </div>
228 </body>
229 </html>

```

Listing 105: profileview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4 echo "<link rel='stylesheet' type='text/css' href='
5     ".base_url()."css/style.css">";
6 ?>
7 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
8     Transitional//EN" "http://www.w3.org/TR/xhtml1
9     /DTD/xhtml1-transitional.dtd">
10 <html xmlns="http://www.w3.org/1999/xhtml">
11 <head>
12 <title>Edit User - System Administrator</title>
13 <link rel="shortcut icon" href="<?php echo base_url();
14     ?>images/upcd-20140224-favicon.ico">
15 <script type="text/javascript">
16 function restrict2 (which2, itemx){
17     alert (itemx);
18 }
19 </script>
20 </head>
21 <?php
22 foreach($info as $row){
23     $lname = $row->userLName;
24     $fname = $row->userFName;
25     $mname = $row->userMName;
26     $role = $row->role_type;
27     $section = $row->role_section;
28     $roledate = $row->role_date;
29     $uname = $row->username;
30     $secques = $row->secret_question;
31     $secans = $row->secret_answer;
32 }
33 ?>
34 <body>
35 <div class="maindiv">
36 <h3 align=center>My Profile</h3>
37 <br><br>
38 <form id="EDITUSER" name="EDITUSER" action="
39     <?php echo base_url().'index.php/changepassword
40     ';?>" method="post">
41 <table align="center" width="70%">
42 <tr>
43 <td>Name:
44 <td><b><?php echo "$fname $mname $lname"; ?></
45     b>
46 </tr>
47 <tr>
48 <td colspan=3> <hr width=100% align="center" color=
49     "#d3d3d3">
50 </tr>
51 <td>Section/Role:
52 <td><b>
53 <?php echo "$section - $role"; ?>
54 </b></td>
55 </tr>
56 <tr>
57 <td colspan=3> <hr width=100% align="center" color=
58     "#d3d3d3">
59 </tr>
60 </tr>

```



```

61 <td><label for="username">Username:</label>
62 <td><b><?php echo $uname; ?></b>
63 </tr>
64 <tr>
65 <td colspan=3> <hr width=100% align="center" color=
"#d3d3d3">
66 </tr>
67 <tr>
68 <td><label for="password">Date user is created:</
label>
69 <td><b><?php echo $roledate; ?></b>
70 </tr>

```

```

71 <tr>
72 <td colspan=3> <hr width=100% align="center" color=
"#d3d3d3">
73 </tr>
74 </table><br>
75 <input type="submit" value="Change Password"/>
<input type="button" value="Back"/>
76 </form>
77 </div>
78 </body>
79 </html>

```

Listing 106: querypatientview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='".base_url
().js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='".base_url
().js/patientdb.js'></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" "http://www.w3.org/TR/xhtml1
/DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml">
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
"></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
-1.10.3.custom.js"></script>
16
17 <title>Query Patient - Oral Diagnosis</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21
22 </script>
23 </head>
24 <?php
25 $session_data = $this->session->userdata('logged_in');
26 $username_log = $session_data['username'];
27
28 if($gender == "") $gender="both";
29 ?>
30 <body>
31
32 <div class="validation" style="display:<?if(
validation_errors() == true) echo 'block'; else echo
'none'?>>
33 <?php echo validation_errors(); ?>
34 </div>
35 <div class="maindiv">
36 <h3 align="left" style="left: 1%;position: relative;">
Query Patient</h3>
37
38 <div align="left" style="left:1%; position: relative;">
><a href="<?php echo base_url(); ?>index.php/
searchpatient">Go Back</a></div><br>
39
40 <table frame="box" class="frame alttable" style="width
:98%; left:1%;>
41 <tr class="header">
42 <td colspan=6> Patient
43 </tr>
44 <tr>
45 <td colspan=6>
46 <?php
47 if($agefrom != 0 && $ageto != 100){
48 echo " | Age: ". $agefrom." - ". $ageto;
49 }
50 echo " | Gender: ". $gender;
51 if($city != ""){
52 echo " | City: ". $city;
53 }
54 if($occ != ""){
55 echo " | Occupation: ". $occ;
56 }
57 echo " |";
58 ?>
59 </tr>
60 <tr>
61 <td style="text-align:center;"><br><b>Id</b>
62 <td style="text-align:center;"><br><b>Name</b>
63 <td style="text-align:center;"><br><b>Age</b>
64 </tr>
65 <?php if($patientmatch){
66 foreach($patientmatch as $row){
67 echo "<tr><td style='text-align:center;'><a href='
".base_url()."index.php/loaddashboard/patientdb
/'.".$row['UPCD.ID'].>'>". $row['UPCD.ID'].</a>

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>";
68 echo "<td style='text-align:center;'>". $row['
patientFName'].>". substr($row['patientMName
'], 0, 1).>". $row['patientLName'];
69 echo "<td style='text-align:center;'>". $row['age'];
echo "</tr>";
70 }
71 }
72 }
73 ?>
74 <tr>
75 <td colspan=6 style="text-align: right;"> <?php echo
"<br>".(sizeof($patientmatch))?> record/s
found.
76 </tr>
77 <tr>
78 <td> &nbsp;
79 <tr>
80 </table><br>
81
82 <table frame='box' class="frame alttable" style="width
:98%; left:1%;>
83 <tr class="header">
84 <td colspan=2 class="noborder">Other Conditions (
Using Demographics)</td>
85 <td class="noborder">
86 <td class="noborder" style='text-align:right;'>
87 </tr>
88 </table><br>
89
90
91 <?php
92 $sectionmatch = false;
93 if ($perio == "Yes" || $rpd == "Yes" || $ortho == "
Yes" || $os == "Yes" || $fpd == "Yes" || $pedo
== "Yes" || $endo == "Yes" || $cd == "Yes" ||
$resto == "Yes") $sectionmatch = true;
94
95 if($sectionmatch){
96 echo "<table frame='box' class='frame alttable' style='
width:98%; left:1%;><tr class='header'>
97 <td colspan=6> Patients
98 </tr>
99 <tr>
100 <td>
101 <td style='text-align:center;'> <b>Id</b>
102 <td style='text-align:center;'> <b>Name</b>
103 <td>
104 </tr>";
105
106 //foreach($patientmatch as $row){
107 if($perio == "Yes"){
108 $ctr=0;
109 echo "<tr><td style='text-align:center;'>
Periodontics";
110 echo "<td>";
111 foreach($patientmatch as $row){
112 echo "<table style='text-align: center;' width
=100%;>";
113 if($row['perio'] == "Yes") {
114 echo "<tr><td style='text-align:center;'><a href
='".base_url()."index.php/loaddashboard/
patientdb/".".$row['UPCD.ID'].>'>". $row['
UPCD.ID'].</a>";
115 echo "</tr>";
116 $ctr++;
117 }
118 }
119 echo "</table></td><td>";
120 foreach($patientmatch as $row){
121 echo "<table style='text-align: center;' width
=100%;>";
122 if($row['perio'] == "Yes") {
123 echo "<tr><td style='text-align:center;'>". $row[
'patientFName'].>". substr($row['
patientMName'], 0, 1).>". $row['
patientLName'];
124 echo "</tr>";
125 }
126 }
127 echo "</table></td></tr>";
128 echo "<tr><td colspan=6 style='text-align: right
;'> <br>". $ctr." record/s found.<br>
<hr width='98%'>
129 </tr>";
130 //echo "<td>";
131

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132 //echo "</tr>";
133 }
134 if($rpd == "Yes"){
135     $ctr=0;
136     echo "<tr><td style='text-align:center;'>
205         'patientFName'." ".substr($row[
206         patientMName'], 0, 1)." ". $row[
207         patientLName'];
208     echo "</tr>";
209 }
137 echo "<td>";
210 }
138 foreach($patientmatch as $row){
211     echo "<tr><td colspan=6 style='text-align: right
212     ;'> <br>". $ctr." record/s found.<br>
213     <hr width='98%'>
214     </tr>";
139     if($row['rpd'] == "Yes") {
215     }
140     echo "<tr><td style='text-align:center;'><a href
216     =" .base_url()."index.php/loaddashboard/
217     patientdb/" . $row['UPCD_ID'] . ">" . $row[
218     'UPCD_ID'] . "</a>";
141     }
219 }
142     echo "</tr>";
220 }
143     $ctr++;
221 }
144 }
222 }
145 }
223 }
146 echo "</table></td><td>";
224 }
147 foreach($patientmatch as $row){
225     echo "<table style='text-align: center;' width
226     =100%;>";
148     if($row['rpd'] == "Yes") {
227     }
149     echo "<tr><td style='text-align:center;'>". $row[
228     'patientFName'] . " ". substr($row[
229     'patientMName'], 0, 1) . " ". $row[
230     'patientLName'];
150     }
231 }
151     echo "</tr>";
232 }
152 }
233 }
153 }
234 }
154 echo "</table></td></tr>";
235 }
155 echo "<tr><td colspan=6 style='text-align: right
236     ;'> <br>". $ctr." record/s found.<br>
237     <hr width='98%'>
238     </tr>";
156     <hr width='98%'>
239 }
157     </tr>";
240 }
158 //echo "<td>";
241 }
159 //echo "</tr>";
242 }
160 }
243 }
161 if($ortho == "Yes"){
244 }
162     $ctr=0;
245 }
163     echo "<tr><td style='text-align:center;'>
246     Orthodontics";
164     echo "<td>";
247 }
165     foreach($patientmatch as $row){
248     echo "<table style='text-align: center;' width
249     =100%;>";
166     if($row['ortho'] == "Yes") {
250     }
167     echo "<tr><td style='text-align:center;'><a href
251     =" .base_url()."index.php/loaddashboard/
252     patientdb/" . $row['UPCD_ID'] . ">" . $row[
253     'UPCD_ID'] . "</a>";
168     }
254 }
169     echo "</tr>";
255 }
170     $ctr++;
256 }
171 }
257 }
172 }
258 }
173 echo "</table></td><td>";
259 }
174 foreach($patientmatch as $row){
260     echo "<table style='text-align: center;' width
261     =100%;>";
175     if($row['ortho'] == "Yes") {
262     }
176     echo "<tr><td style='text-align:center;'>". $row[
263     'patientFName'] . " ". substr($row[
264     'patientMName'], 0, 1) . " ". $row[
265     'patientLName'];
177     }
266 }
178     echo "</tr>";
267 }
179 }
268 }
180 }
269 }
181 echo "</table></td></tr>";
270 }
182 echo "<tr><td colspan=6 style='text-align: right
271     ;'> <br>". $ctr." record/s found.<br>
272     <hr width='98%'>
273     </tr>";
183     <hr width='98%'>
274 }
184     </tr>";
275 }
185 //echo "<td>";
276 }
186 //echo "</tr>";
277 }
187 }
278 }
188 if($os == "Yes"){
279 }
189     $ctr=0;
280 }
190     echo "<tr><td style='text-align:center;'> Oral
281     Surgery";
191     echo "<td>";
282 }
192     foreach($patientmatch as $row){
283     echo "<table style='text-align: center;' width
284     =100%;>";
193     if($row['os'] == "Yes") {
285     }
194     echo "<tr><td style='text-align:center;'><a href
286     =" .base_url()."index.php/loaddashboard/
287     patientdb/" . $row['UPCD_ID'] . ">" . $row[
288     'UPCD_ID'] . "</a>";
195     }
289 }
196     echo "</tr>";
290 }
197     $ctr++;
291 }
198 }
292 }
199 }
293 }
200 echo "</table></td><td>";
294 }
201 foreach($patientmatch as $row){
295     echo "<table style='text-align: center;' width
296     =100%;>";
202     if($row['os'] == "Yes") {
297     }
203     echo "<tr><td style='text-align:center;'>". $row[
298     'patientFName'] . " ". substr($row[
299     'patientMName'], 0, 1) . " ". $row[
300     'patientLName'];
204     }
301 }
302     echo "</tr>";
303 }
304 }
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275     echo "</table></td><td>";
276     foreach($patientmatch as $row){
277         echo "<table style='text-align: center;' width
=100%;>";
278         if($row['endo'] == "Yes") {
279             echo "<tr><td style='text-align:center;'>". $row[
'patientFName']. " ". substr($row[
'patientMName'], 0, 1). ". ". $row[
'patientLName'];
280         }
281     }
282 }
283 echo "</table></td></tr>";
284 echo "<tr><td colspan=6 style='text-align: right
;'> <br>". $ctr. " record/s found.<br>
<hr width='98%'>
</tr>";
285 }
286 }
287 }
288 if($cd == "Yes"){
289     $ctr=0;
290     echo "<tr><td style='text-align:center;'>
Complete Denture";
291     echo "<td>";
292     foreach($patientmatch as $row){
293         echo "<table style='text-align: center;' width
=100%;>";
294         if($row['cd'] == "Yes") {
295             echo "<tr><td style='text-align:center;'><a href
=.base_url()."index.php/loaddashboard/
patientdb/" . $row['UPCD_ID'] . ">". $row[
'UPCD_ID'] . "</a>";
296         }
297         $ctr++;
298     }
299 }
300 echo "</table></td><td>";
301 foreach($patientmatch as $row){
302     echo "<table style='text-align: center;' width
=100%;>";
303     if($row['cd'] == "Yes") {
304         echo "<tr><td style='text-align:center;'>". $row[
'patientFName']. " ". substr($row[
'patientMName'], 0, 1). ". ". $row[
'patientLName'];
305     }
306 }
307 }
308 echo "</table></td></tr>";
309 echo "<tr><td colspan=6 style='text-align: right
;'> <br>". $ctr. " record/s found.<br>
<hr width='98%'>
</tr>";
310 }
311 }
312 if($resto == "Yes"){
313     $ctr=0;
314     echo "<tr><td style='text-align:center;'>
Restorative Dentistry";
315     echo "<td>";
316     foreach($patientmatch as $row){
317         echo "<table style='text-align: center;' width
=100%;>";
318         if($row['resto'] == "Yes") {
319             echo "<tr><td style='text-align:center;'><a href
=.base_url()."index.php/loaddashboard/
patientdb/" . $row['UPCD_ID'] . ">". $row[
'UPCD_ID'] . "</a>";
320         }
321         $ctr++;
322     }
323 }
324 }
325 echo "</table></td><td>";
326 foreach($patientmatch as $row){
327     echo "<table style='text-align: center;' width
=100%;>";
328     if($row['resto'] == "Yes") {
329         echo "<tr><td style='text-align:center;'>". $row[
'patientFName']. " ". substr($row[
'patientMName'], 0, 1). ". ". $row[
'patientLName'];
330     }
331 }
332 }
333 echo "</table></td></tr>";
334 echo "<tr><td colspan=6 style='text-align: right
;'> <br>". $ctr. " record/s found.<br><br>
<hr width='98%'>
</tr>";
335 }
336 }
337 }
338 echo "<td>";
339 echo "</tr>";
340 //}
341 echo "</table><br>";
342 }
343 }
344 }
345 }
346 }
347 }
348 $dentstatmatch = false;
349 if ($scaries == "Yes" || $extrusion == "Yes" ||
$compdent == "Yes" || $impacted == "Yes" ||
$recurrent == "Yes" || $intrusion == "Yes" ||
$singdent == "Yes" || $missing == "Yes" ||
$restoration == "Yes" || $mdr == "Yes" ||
$remparment == "Yes" || $sacrcr == "Yes" || $pftm
== "Yes" || $ddr == "Yes" || $pafs == "Yes" ||
$metcr == "Yes" || $rot == "Yes" || $rct == "Yes"
|| $pcc == "Yes" || $extracted == "Yes" ||
$unerrupted == "Yes" || $porcr == "Yes")
$dentstatmatch = true;
350 if($dentstatmatch){
351     echo "<table frame='box' class='frame altable' style='
width:98%; left:1%;><tr class='header'>
<td colspan=6> Dental Chart Queries
</tr>
<tr>
<td>
<td style='text-align:center;'> <b>Id</b>
<td style='text-align:center;'> <b>Name</b>
<td style='text-align:center;'> <b>Tooth Number(s)
</b>
</tr>";
352 }
353 }
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363 }
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424 }
425 }

```

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426 foreach($tok as $row){
427     if(!in_array($row, $tootharray) && $row != ""){
428         array_push($tootharray, $row);
429     }
430 }
431 foreach($tok2 as $row){
432     if(!in_array($row, $tootharray) && $row != ""){
433         array_push($tootharray, $row);
434     }
435 }
436 foreach($tok3 as $row){
437     if(!in_array($row, $tootharray) && $row != ""){
438         array_push($tootharray, $row);
439     }
440 }
441 foreach($tok4 as $row){
442     if(!in_array($row, $tootharray) && $row != ""){
443         array_push($tootharray, $row);
444     }
445 }
446 foreach($tok5 as $row){
447     if(!in_array($row, $tootharray) && $row != ""){
448         array_push($tootharray, $row);
449     }
450 }
451 }
452 }
453 if(sizeof($tootharray) >= 1) {
454     echo "<tr><td><td style='text-align:center;'><
a href='".base_url()."index.php/
loaddashboard/patientdb/".$row2['UPCD_ID'
].">" . $row2['UPCD_ID'] . "</a>";
455     echo "<td style='text-align:center;'>". $row2['
patientFName']. " " . substr($row2['
patientMName'], 0, 1). ". " . $row2['
patientLName'];
456     echo "<td style='text-align:center;'>";
457     foreach($tootharray as $sth){
458         echo $sth. " ";
459     }
460     echo "</tr>";
461 }
462 }
463 echo "<tr><td colspan=6 style='text-align:right
;'> <br>". $ctr. " record/s found.<br><hr
width='98%'></tr>";
464 }
465 if($restoration == "Yes"){
466     $ctr=0;
467     echo "<tr><td style='text-align:center;'>
Restoration </tr>";
468     foreach($patientmatch as $row2){
469         $tok = explode(' ', $row2['distal_restoration ']);
470         $tok2 = explode(' ', $row2['buccal_restoration ']);
471         $tok3 = explode(' ', $row2['lingual_restoration ']);
472         $tok4 = explode(' ', $row2['mesial_restoration ']);
473         $tok5 = explode(' ', $row2['occlusal_restoration ']);
474     };
475     $tootharray = array();
476     foreach($tok as $row){
477         if(!in_array($row, $tootharray) && $row != ""){
478             array_push($tootharray, $row);
479         }
480     }
481     foreach($tok2 as $row){
482         if(!in_array($row, $tootharray) && $row != ""){
483             array_push($tootharray, $row);
484         }
485     }
486     foreach($tok3 as $row){
487         if(!in_array($row, $tootharray) && $row != ""){
488             array_push($tootharray, $row);
489         }
490     }
491     foreach($tok4 as $row){
492         if(!in_array($row, $tootharray) && $row != ""){
493             array_push($tootharray, $row);
494         }
495     }
496     foreach($tok5 as $row){
497         if(!in_array($row, $tootharray) && $row != ""){
498             array_push($tootharray, $row);
499         }
500     }
501 }
502 }
503 if(sizeof($tootharray) >= 1) {
504     echo "<tr><td><td style='text-align:center;'><
a href='".base_url()."index.php/
loaddashboard/patientdb/".$row2['UPCD_ID'
].">" . $row2['UPCD_ID'] . "</a>";
505     echo "<td style='text-align:center;'>". $row2['
patientFName']. " " . substr($row2['
patientMName'], 0, 1). ". " . $row2['
patientLName'];
506     echo "<td style='text-align:center;'>";
507     foreach($tootharray as $sth){
508         echo $sth. " ";
509     }
510     echo "</tr>";
511     $ctr++;
512 }
513 }
514 echo "<tr><td colspan=6 style='text-align:right
;'> <br>". $ctr. " record/s found.<br><hr
width='98%'></tr>";
515 }
516 if($pftm == "Yes"){
517     $ctr=0;
518     echo "<tr><td style='text-align:center;'>
Porcelain Fused to Metal </tr>";
519     foreach($patientmatch as $row2){
520         $tok = str_replace(' ', '', $row2['porcelain_fused'
]);
521         if($tok != '') {
522             echo "<tr><td style='text-align:center;'><
a href='".base_url()."index.php/
loaddashboard/patientdb/".$row2['UPCD_ID'
].">" . $row2['UPCD_ID'] . "</a>";
523             echo "<td style='text-align:center;'>". $row2['
patientFName']. " " . substr($row2['
patientMName'], 0, 1). ". " . $row2['
patientLName'];
524             echo "<td style='text-align:center;'>". $row2['
porcelain_fused'];
525             echo "</tr>";
526             $ctr++;
527 }
528 }
529 echo "<tr><td colspan=6 style='text-align:right
;'> <br>". $ctr. " record/s found.<br><hr
width='98%'></tr>";
530 }
531 if($rot == "Yes"){
532     $ctr=0;
533     echo "<tr><td style='text-align:center;'> Rotation
</tr>";
534 }
535 foreach($patientmatch as $row2){
536     $tok = str_replace(' ', '', $row2['rotation ']);
537     if($tok != '') {
538         echo "<tr><td><td style='text-align:center;'><
a href='".base_url()."index.php/
loaddashboard/patientdb/".$row2['UPCD_ID'
].">" . $row2['UPCD_ID'] . "</a>";
539         echo "<td style='text-align:center;'>". $row2['
patientFName']. " " . substr($row2['
patientMName'], 0, 1). ". " . $row2['
patientLName'];
540         echo "<td style='text-align:center;'>". $row2['
rotation'];
541         echo "</tr>";
542         $ctr++;
543     }
544 }
545 echo "<tr><td colspan=6 style='text-align:right
;'> <br>". $ctr. " record/s found.<br><hr
width='98%'></tr>";
546 }
547 if($extracted == "Yes"){
548     $ctr=0;
549     echo "<tr><td style='text-align:center;'>
Extracted </tr>";
550 }
551 foreach($patientmatch as $row2){
552     $tok = str_replace(' ', '', $row2['extracted ']);
553     if($tok != '') {
554         echo "<tr><td><td style='text-align:center;'><
a href='".base_url()."index.php/
loaddashboard/patientdb/".$row2['UPCD_ID'
].">" . $row2['UPCD_ID'] . "</a>";
555         echo "<td style='text-align:center;'>". $row2['
patientFName']. " " . substr($row2['
patientMName'], 0, 1). ". " . $row2['
patientLName'];
556         echo "<td style='text-align:center;'>". $row2['
extracted'];
557         echo "</tr>";
558         $ctr++;
559     }
560 }
561 echo "<tr><td colspan=6 style='text-align:right
;'> <br>". $ctr. " record/s found.<br><hr
width='98%'></tr>";
562 }
563 if($extrusion == "Yes"){
564     $ctr=0;
565     echo "<tr><td style='text-align:center;'>
Extrusion </tr>";
566 }
567 foreach($patientmatch as $row2){
568     if($row2['extrusion '] != "") {
569         echo "<tr><td><td style='text-align:center;'><
a href='".base_url()."index.php/
loaddashboard/patientdb/".$row2['UPCD_ID'
].">" . $row2['UPCD_ID'] . "</a>";
570         echo "<td style='text-align:center;'>". $row2['
patientFName']. " " . substr($row2['
patientMName'], 0, 1). ". " . $row2['
patientLName'];
571     }
572 }
573 }
574 echo "<tr><td colspan=6 style='text-align:right
;'> <br>". $ctr. " record/s found.<br><hr
width='98%'></tr>";
575 }

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568     echo "<td style='text-align:center;'" . $row2['
        extrusion'];
569     echo "</tr>";
570     $ctr++;
571 }
572 }
573 echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr. " record/s found.<br><hr
        width='98%'></tr>";
574 }
575 if ($inrusion == "Yes"){
576     $ctr=0;
577     echo "<tr><td style='text-align:center;'"
        Intrusion </tr>";
578     foreach ($patientmatch as $row2){
579         $tok = str_replace(' ', '', $row2['inrusion']);
580         if ($tok != '') {
581             echo "<tr><td style='text-align:center;'" <
                a href=".base_url()."index.php/
                loaddashboard/patientdb/" . $row2['UPCD_ID'
                ] . ">". $row2['UPCD_ID'] . "</a>";
582             echo "<td style='text-align:center;'" . $row2['
                patientFName'] . " ". substr($row2['
                patientMName'], 0, 1) . ". " . $row2['
                patientLName'];
583             echo "<td style='text-align:center;'" . $row2['
                intrusion'];
584             echo "</tr>";
585             $ctr++;
586         }
587     }
588     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr. " record/s found.<br><hr
        width='98%'></tr>";
589 }
590 if ($mdr == "Yes"){
591     $ctr=0;
592     echo "<tr><td style='text-align:center;'" Mesial
        Drifting Rotation </tr>";
593     foreach ($patientmatch as $row2){
594         $tok = str_replace(' ', '', $row2['mesial_rotation'
        ]);
595         if ($tok != '') {
596             echo "<tr><td style='text-align:center;'" <
                a href=".base_url()."index.php/
                loaddashboard/patientdb/" . $row2['UPCD_ID'
                ] . ">". $row2['UPCD_ID'] . "</a>";
597             echo "<td style='text-align:center;'" . $row2['
                patientFName'] . " ". substr($row2['
                patientMName'], 0, 1) . ". " . $row2['
                patientLName'];
598             echo "<td style='text-align:center;'" . $row2['
                mesial_rotation'];
599             echo "</tr>";
600             $ctr++;
601         }
602     }
603     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr. " record/s found.<br><hr
        width='98%'></tr>";
604 }
605 if ($ddr == "Yes"){
606     $ctr=0;
607     echo "<tr><td style='text-align:center;'" Distal
        Drift Rotation </tr>";
608     foreach ($patientmatch as $row2){
609         $tok = str_replace(' ', '', $row2['distal_rotation '
        ]);
610         if ($tok != '') {
611             echo "<tr><td style='text-align:center;'" <
                a href=".base_url()."index.php/
                loaddashboard/patientdb/" . $row2['UPCD_ID'
                ] . ">". $row2['UPCD_ID'] . "</a>";
612             echo "<td style='text-align:center;'" . $row2['
                patientFName'] . " ". substr($row2['
                patientMName'], 0, 1) . ". " . $row2['
                patientLName'];
613             echo "<td style='text-align:center;'" . $row2['
                distal_rotation'];
614             echo "</tr>";
615             $ctr++;
616         }
617     }
618     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr. " record/s found.<br><hr
        width='98%'></tr>";
619 }
620 if ($rct == "Yes"){
621     $ctr=0;
622     echo "<tr><td style='text-align:center;'" Root
        Canal Treatment </tr>";
623     foreach ($patientmatch as $row2){
624         $tok = str_replace(' ', '', $row2['
        rootcanal_treatment']);
625         if ($tok != '') {
626             echo "<tr><td style='text-align:center;'" <
                a href=".base_url()."index.php/
                loaddashboard/patientdb/" . $row2['UPCD_ID'
                ] . ">". $row2['UPCD_ID'] . "</a>";
627             echo "<td style='text-align:center;'" . $row2['
                patientFName'] . " ". substr($row2['
                patientMName'], 0, 1) . ". " . $row2['
                patientLName'];
628             echo "<td style='text-align:center;'" . $row2['
                rootcanal_treatment'];
629             echo "</tr>";
630             $ctr++;
631         }
632     }
633     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr. " record/s found.<br><hr
        width='98%'></tr>";
634 }
635 if ($unerupted == "Yes"){
636     $ctr=0;
637     echo "<tr><td style='text-align:center;'"
        Unerupted </tr>";
638     foreach ($patientmatch as $row2){
639         $tok = str_replace(' ', '', $row2['unerupted']);
640         if ($tok != '') {
641             echo "<tr><td style='text-align:center;'" <
                a href=".base_url()."index.php/
                loaddashboard/patientdb/" . $row2['UPCD_ID'
                ] . ">". $row2['UPCD_ID'] . "</a>";
642             echo "<td style='text-align:center;'" . $row2['
                patientFName'] . " ". substr($row2['
                patientMName'], 0, 1) . ". " . $row2['
                patientLName'];
643             echo "<td style='text-align:center;'" . $row2['
                unerupted'];
644             echo "</tr>";
645             $ctr++;
646         }
647     }
648     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr. " record/s found.<br><hr
        width='98%'></tr>";
649 }
650 if ($compdent == "Yes"){
651     $ctr=0;
652     echo "<tr><td style='text-align:center;'"
        Complete Denture </tr>";
653     foreach ($patientmatch as $row2){
654         if ($row2['completedenture'] == "Yes") {
655             echo "<tr><td style='text-align:center;'" <
                a href=".base_url()."index.php/
                loaddashboard/patientdb/" . $row2['UPCD_ID'
                ] . ">". $row2['UPCD_ID'] . "</a>";
656             echo "<td style='text-align:center;'" . $row2['
                patientFName'] . " ". substr($row2['
                patientMName'], 0, 1) . ". " . $row2['
                patientLName'];
657             echo "<td style='text-align:center;'" <
                a href=".base_url()."index.php/
                loaddashboard/patientdb/" . $row2['UPCD_ID'
                ] . ">". $row2['UPCD_ID'] . "</a>";
658             echo "<td style='text-align:center;'" . $row2['
                patientFName'] . " ". substr($row2['
                patientMName'], 0, 1) . ". " . $row2['
                patientLName'];
659             echo "</tr>";
660             $ctr++;
661         }
662     }
663     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr. " record/s found.<br><hr
        width='98%'></tr>";
664 }
665 if ($singdent == "Yes"){
666     $ctr=0;
667     echo "<tr><td style='text-align:center;'" Single
        Denture </tr>";
668     foreach ($patientmatch as $row2){
669         if ($row2['singledenture'] == "Yes") {
670             echo "<tr><td style='text-align:center;'" <
                a href=".base_url()."index.php/
                loaddashboard/patientdb/" . $row2['UPCD_ID'
                ] . ">". $row2['UPCD_ID'] . "</a>";
671             echo "<td style='text-align:center;'" . $row2['
                patientFName'] . " ". substr($row2['
                patientMName'], 0, 1) . ". " . $row2['
                patientLName'];
672             echo "<td style='text-align:center;'" <
                a href=".base_url()."index.php/
                loaddashboard/patientdb/" . $row2['UPCD_ID'
                ] . ">". $row2['UPCD_ID'] . "</a>";
673             echo "<td style='text-align:center;'" . $row2['
                patientFName'] . " ". substr($row2['
                patientMName'], 0, 1) . ". " . $row2['
                patientLName'];
674             echo "</tr>";
675             $ctr++;
676         }
677     }
678     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr. " record/s found.<br><hr
        width='98%'></tr>";
679 }
680 if ($rempartial == "Yes"){
681     $ctr=0;
682     echo "<tr><td style='text-align:center;'"
        Removable Partial Denture </tr>";
683     foreach ($patientmatch as $row2){
684         if ($row2['removablepartialdenture'] == "Yes") {
685             echo "<tr><td style='text-align:center;'" <
                a href=".base_url()."index.php/
                loaddashboard/patientdb/" . $row2['UPCD_ID'
                ] . ">". $row2['UPCD_ID'] . "</a>";
686             echo "<td style='text-align:center;'" . $row2['
                patientFName'] . " ". substr($row2['
                patientMName'], 0, 1) . ". " . $row2['
                patientLName'];
687             echo "<td style='text-align:center;'" <
                a href=".base_url()."index.php/
                loaddashboard/patientdb/" . $row2['UPCD_ID'
                ] . ">". $row2['UPCD_ID'] . "</a>";
688             echo "<td style='text-align:center;'" . $row2['
                patientFName'] . " ". substr($row2['
                patientMName'], 0, 1) . ". " . $row2['
                patientLName'];
689             echo "</tr>";
690             $ctr++;
691         }
692     }
693     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr. " record/s found.<br><hr
        width='98%'></tr>";
694 }

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685     }
686 }
687 echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr." record/s found.<br><hr
        width='98%'></tr>";
688 }
689 if($pafs == "Yes"){
690     $ctr=0;
691     echo "<tr><td style='text-align:center;'> Pit and
        Fissure Sealants </tr>";
692     foreach($patientmatch as $row2){
693         $tok = str_replace(' ', '', $row2['
        pitfissure_sealants ']);
694         if($tok != '') {
695             echo "<tr><td><td style='text-align:center;'><
        a href=".base_url()."index.php/
        loaddashboard/patientdb/" . $row2['UPCD_ID'
        ].">". $row2['UPCD_ID']. "</a>";
696             echo "<td style='text-align:center;'>". $row2['
        patientFName']. " ". substr($row2['
        patientMName'], 0, 1). ". ". $row2['
        patientLName'];
697             echo "<td style='text-align:center;'>". $row2['
        pitfissure_sealants '];
698             echo "</tr>";
699             $ctr++;
700         }
701     }
702     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr." record/s found.<br><hr
        width='98%'></tr>";
703 }
704 if($pcc == "Yes"){
705     $ctr=0;
706     echo "<tr><td style='text-align:center;'> Postcore
        Crown </tr>";
707     foreach($patientmatch as $row2){
708         $tok = str_replace(' ', '', $row2['postcore_crown'
        ]);
709         if($tok != '') {
710             echo "<tr><td><td style='text-align:center;'><
        a href=".base_url()."index.php/
        loaddashboard/patientdb/" . $row2['UPCD_ID'
        ].">". $row2['UPCD_ID']. "</a>";
711             echo "<td style='text-align:center;'>". $row2['
        patientFName']. " ". substr($row2['
        patientMName'], 0, 1). ". ". $row2['
        patientLName'];
712             echo "<td style='text-align:center;'>". $row2['
        postcore_crown'];
713             echo "</tr>";
714             $ctr++;
715         }
716     }
717     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr." record/s found.<br><hr
        width='98%'></tr>";
718 }
719 if($porcr == "Yes"){
720     $ctr=0;
721     echo "<tr><td style='text-align:center;'>
        Porcelain Crown </tr>";
722     foreach($patientmatch as $row2){
723         $tok = str_replace(' ', '', $row2['porcelain_crown'
        ]);
724         if($tok != '') {
725             echo "<tr><td><td style='text-align:center;'><
        a href=".base_url()."index.php/
        loaddashboard/patientdb/" . $row2['UPCD_ID'
        ].">". $row2['UPCD_ID']. "</a>";
726             echo "<td style='text-align:center;'>". $row2['
        patientFName']. " ". substr($row2['
        patientMName'], 0, 1). ". ". $row2['
        patientLName'];
727             echo "<td style='text-align:center;'>". $row2['
        porcelain_crown'];
728             echo "</tr>";
729             $ctr++;
730         }
731     }
732     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr." record/s found.<br><hr
        width='98%'></tr>";
733 }
734 if($impacted == "Yes"){
735     $ctr = 0;
736     echo "<tr><td style='text-align:center;'>
        Impacted </tr>";
737     foreach($patientmatch as $row2){
738         $tok = str_replace(' ', '', $row2['impacted']);
739         if($tok != '') {
740             echo "<tr><td><td style='text-align:center;'><
        a href=".base_url()."index.php/
        loaddashboard/patientdb/" . $row2['UPCD_ID'
        ].">". $row2['UPCD_ID']. "</a>";
741             echo "<td style='text-align:center;'>". $row2['
        patientFName']. " ". substr($row2['
        patientMName'], 0, 1). ". ". $row2['
        patientLName'];
742             echo "<td style='text-align:center;'>". $row2['
        impacted'];
743             echo "</tr>";
744             $ctr++;
745         }
746     }
747     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr." record/s found.<br><hr
        width='98%'></tr>";
748 }
749 if($missing == "Yes"){
750     $ctr=0;
751     echo "<tr><td style='text-align:center;'> Missing
        </tr>";
752     foreach($patientmatch as $row2){
753         $tok = str_replace(' ', '', $row2['missing']);
754         if($tok != '') {
755             echo "<tr><td><td style='text-align:center;'><
        a href=".base_url()."index.php/
        loaddashboard/patientdb/" . $row2['UPCD_ID'
        ].">". $row2['UPCD_ID']. "</a>";
756             echo "<td style='text-align:center;'>". $row2['
        patientFName']. " ". substr($row2['
        patientMName'], 0, 1). ". ". $row2['
        patientLName'];
757             echo "<td style='text-align:center;'>". $row2['
        unerupted'];
758             echo "</tr>";
759             $ctr++;
760         }
761     }
762     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr." record/s found.<br><hr
        width='98%'></tr>";
763 }
764 if($sacr == "Yes"){
765     $ctr = 0;
766     echo "<tr><td style='text-align:center;'> Acrylic
        Crown </tr>";
767     foreach($patientmatch as $row2){
768         $tok = str_replace(' ', '', $row2['acrylic_crown'
        ]);
769         if($tok != '') {
770             echo "<tr><td><td style='text-align:center;'><
        a href=".base_url()."index.php/
        loaddashboard/patientdb/" . $row2['UPCD_ID'
        ].">". $row2['UPCD_ID']. "</a>";
771             echo "<td style='text-align:center;'>". $row2['
        patientFName']. " ". substr($row2['
        patientMName'], 0, 1). ". ". $row2['
        patientLName'];
772             echo "<td style='text-align:center;'>". $row2['
        acrylic_crown'];
773             echo "</tr>";
774             $ctr++;
775         }
776     }
777     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr." record/s found.<br><hr
        width='98%'></tr>";
778 }
779 if($meter == "Yes"){
780     $ctr = 0;
781     echo "<tr><td style='text-align:center;'> Metal
        Crown </tr>";
782     foreach($patientmatch as $row2){
783         $tok = str_replace(' ', '', $row2['metal_crown'
        ]);
784         if($tok != '') {
785             echo "<tr><td><td style='text-align:center;'><
        a href=".base_url()."index.php/
        loaddashboard/patientdb/" . $row2['UPCD_ID'
        ].">". $row2['UPCD_ID']. "</a>";
786             echo "<td style='text-align:center;'>". $row2['
        patientFName']. " ". substr($row2['
        patientMName'], 0, 1). ". ". $row2['
        patientLName'];
787             echo "<td style='text-align:center;'>". $row2['
        metal_crown'];
788             echo "</tr>";
789             $ctr++;
790         }
791     }
792     echo "<tr><td colspan=6 style='text-align: right
        ;'> <br>". $ctr." record/s found.<br><hr
        width='98%'></tr>";
793 }
794 }
795 echo "</table>";
796 }
797 ?>
798 <tr>
799 <td> &nbsp;
800 <tr>
801 <?php
802 $servicematch = false;
803 if ($class1 == "Yes" || $class2 == "Yes" || $class3 ==
        "Yes" || $class4 == "Yes" || $class5 == "Yes" ||
        $onlay == "Yes" || $extraction == "Yes" || $odon
        == "Yes" || $specclass == "Yes" || $pedodontics

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804 == "Yes" || $orthodontics == "Yes" || $pulsed
805 == "Yes" || $roc == "Yes" || $stemfill == "Yes" ||
806 $moai == "Yes" || $moti == "Yes" || $lamedent
807 == "Yes" || $completedenture == "Yes" ||
808 $anterior == "Yes" || $singlecrown == "Yes" ||
809 $posterior == "Yes" || $bridge == "Yes" ||
810 $singledenture == "Yes" ||
811 $removablepartialdenture == "Yes") $servicematch
812 = true;
813
814 if($servicematch){
815   echo "<table frame='box' class='frame alttable' style='
816     width:98%; left:1%;'><tr class='header'>
817     <td colspan=6> Needed Services Queries
818     </tr>
819     <tr style='text-align:center;'>
820     <td>
821     <td> <b>Id</b>
822     <td> <b>Name</b>
823     <td> <b>Tooth Number(s)</b>
824     </tr>";
825
826   if($class1 == "Yes"){
827     $ctr = 0;
828     echo "<tr><td style='text-align:center;'> Class I
829     </tr>";
830     foreach($patientmatch as $row2){
831       $tok = str_replace(' ', '', $row2['class1']);
832       if($tok != '') {
833         echo "<tr><td><td style='text-align:center;'><
834           a href='".base_url()."index.php/
835           loaddashboard/patientdb/".$row2['UPCD_ID']
836           .">". $row2['UPCD_ID']."</a>";
837         echo "<td style='text-align:center;'>". $row2['
838           patientFName']." ".substr($row2['
839           patientMName'], 0, 1).". ". $row2['
840           patientLName'];
841         echo "<td style='text-align:center;'>". $row2['
842           class1'];
843         echo "</tr>";
844         $ctr++;
845       }
846     }
847     echo "<tr><td colspan=6 style='text-align:right
848       ;'> <br>". $ctr. " record/s found.<br><hr
849       width='98%'></tr>";
850   }
851
852   if($class2 == "Yes"){
853     $ctr = 0;
854     echo "<tr><td style='text-align:center;'> Class II
855     </tr>";
856     foreach($patientmatch as $row2){
857       $tok = str_replace(' ', '', $row2['class2']);
858       if($tok != '') {
859         echo "<tr><td><td style='text-align:center;'><
860           a href='".base_url()."index.php/
861           loaddashboard/patientdb/".$row2['UPCD_ID']
862           .">". $row2['UPCD_ID']."</a>";
863         echo "<td style='text-align:center;'>". $row2['
864           patientFName']." ".substr($row2['
865           patientMName'], 0, 1).". ". $row2['
866           patientLName'];
867         echo "<td style='text-align:center;'>". $row2['
868           class2'];
869         echo "</tr>";
870         $ctr++;
871       }
872     }
873     echo "<tr><td colspan=6 style='text-align:right
874       ;'> <br>". $ctr. " record/s found.<br><hr
875       width='98%'></tr>";
876   }
877
878   if($class3 == "Yes"){
879     $ctr = 0;
880     echo "<tr><td style='text-align:center;'> Class III
881     </tr>";
882     foreach($patientmatch as $row2){
883       $tok = str_replace(' ', '', $row2['class3']);
884       if($tok != '') {
885         echo "<tr><td><td style='text-align:center;'><
886           a href='".base_url()."index.php/
887           loaddashboard/patientdb/".$row2['UPCD_ID']
888           .">". $row2['UPCD_ID']."</a>";
889         echo "<td style='text-align:center;'>". $row2['
890           patientFName']." ".substr($row2['
891           patientMName'], 0, 1).". ". $row2['
892           patientLName'];
893         echo "<td style='text-align:center;'>". $row2['
894           class3'];
895         echo "</tr>";
896         $ctr++;
897       }
898     }
899     echo "<tr><td colspan=6 style='text-align:right
900       ;'> <br>". $ctr. " record/s found.<br><hr
901       width='98%'></tr>";
902   }
903
904   if($class4 == "Yes"){
905     $ctr = 0;
906     echo "<tr><td style='text-align:center;'> Class IV
907     </tr>";
908     foreach($patientmatch as $row2){
909       $tok = str_replace(' ', '', $row2['class4']);
910       if($tok != '') {
911         echo "<tr><td><td style='text-align:center;'><
912           a href='".base_url()."index.php/
913           loaddashboard/patientdb/".$row2['UPCD_ID']
914           .">". $row2['UPCD_ID']."</a>";
915         echo "<td style='text-align:center;'>". $row2['
916           patientFName']." ".substr($row2['
917           patientMName'], 0, 1).". ". $row2['
918           patientLName'];
919         echo "<td style='text-align:center;'>". $row2['
920           class4'];
921         echo "</tr>";
922         $ctr++;
923       }
924     }
925     echo "<tr><td colspan=6 style='text-align:right
926       ;'> <br>". $ctr. " record/s found.<br><hr
927       width='98%'></tr>";
928   }
929
930   if($class5 == "Yes"){
931     $ctr = 0;
932     echo "<tr><td style='text-align:center;'> Class V
933     </tr>";
934     foreach($patientmatch as $row2){
935       $tok = str_replace(' ', '', $row2['class5']);
936       if($tok != '') {
937         echo "<tr><td><td style='text-align:center;'><
938           a href='".base_url()."index.php/
939           loaddashboard/patientdb/".$row2['UPCD_ID']
940           .">". $row2['UPCD_ID']."</a>";
941         echo "<td style='text-align:center;'>". $row2['
942           patientFName']." ".substr($row2['
943           patientMName'], 0, 1).". ". $row2['
944           patientLName'];
945         echo "<td style='text-align:center;'>". $row2['
946           class5'];
947         echo "</tr>";
948         $ctr++;
949       }
950     }
951     echo "<tr><td colspan=6 style='text-align:right
952       ;'> <br>". $ctr. " record/s found.<br><hr
953       width='98%'></tr>";
954   }
955
956   if($onlay == "Yes"){
957     $ctr = 0;
958     echo "<tr><td style='text-align:center;'> Onlay
959     </tr>";
960     foreach($patientmatch as $row2){
961       $tok = str_replace(' ', '', $row2['onlay']);
962       if($tok != '') {
963         echo "<tr><td><td style='text-align:center;'><
964           a href='".base_url()."index.php/
965           loaddashboard/patientdb/".$row2['UPCD_ID']
966           .">". $row2['UPCD_ID']."</a>";
967         echo "<td style='text-align:center;'>". $row2['
968           patientFName']." ".substr($row2['
969           patientMName'], 0, 1).". ". $row2['
970           patientLName'];
971         echo "<td style='text-align:center;'>". $row2['
972           onlay'];
973         echo "</tr>";
974         $ctr++;
975       }
976     }
977     echo "<tr><td colspan=6 style='text-align:right
978       ;'> <br>". $ctr. " record/s found.<br><hr
979       width='98%'></tr>";
980   }
981
982   if($extraction == "Yes"){
983     $ctr = 0;
984     echo "<tr><td style='text-align:center;'>
985       Extraction </tr>";
986     foreach($patientmatch as $row2){
987       $tok = str_replace(' ', '', $row2['extraction']);
988       if($tok != '') {
989         echo "<tr><td><td style='text-align:center;'><
990           a href='".base_url()."index.php/
991           loaddashboard/patientdb/".$row2['UPCD_ID']
992           .">". $row2['UPCD_ID']."</a>";
993         echo "<td style='text-align:center;'>". $row2['
994           patientFName']." ".substr($row2['
995           patientMName'], 0, 1).". ". $row2['
996           patientLName'];
997         echo "<td style='text-align:center;'>". $row2['
998           extraction'];
999         echo "</tr>";
1000        $ctr++;
1001      }
1002    }
1003    echo "<tr><td colspan=6 style='text-align:right
1004      ;'> <br>". $ctr. " record/s found.<br><hr
1005      width='98%'></tr>";
1006  }
1007
1008  if($odon == "Yes"){

```

```

922 $ctr = 0;
923 echo "<tr><td style='text-align:center;'>          980
      Odontectomy </tr>";
924 foreach($patientmatch as $row2){
925 $tok = str_replace(' ', '', $row2['odontectomy']);
926 if($tok != '') {
927 echo "<tr><td><td style='text-align:center;'><  984
      a href=".base_url()."index.php/
      loaddashboard/patientdb/" . $row2['UPCD_ID'
928 ].">". $row2['UPCD_ID'] . "</a>";
      echo "<td style='text-align:center;'>". $row2['
      patientFName'] . " ". substr($row2['
      patientMName'], 0, 1) . ". " . $row2['
      patientLName'];
929 echo "<td style='text-align:center;'>". $row2['
      odontectomy'];
930 echo "</tr>";
931 $ctr++;
932 }
933 }
934 echo "<tr><td colspan=6 style='text-align: right
      ;'> <br>". $ctr . " record/s found.<br><hr
      width='98%'></tr>";
935 }
936 if($specclass == "Yes"){
937 $ctr=0;
938 echo "<tr><td style='text-align:center;'> Special
      Case </tr>";
939 foreach($patientmatch as $row2){
940 $tok = str_replace(' ', '', $row2['special-case']);
941 if($tok != '') {
942 echo "<tr><td><td style='text-align:center;'><  995
      a href=".base_url()."index.php/
      loaddashboard/patientdb/" . $row2['UPCD_ID'
943 ].">". $row2['UPCD_ID'] . "</a>";
      echo "<td style='text-align:center;'>". $row2['
      patientFName'] . " ". substr($row2['
      patientMName'], 0, 1) . ". " . $row2['
      patientLName'];
944 echo "<td style='text-align:center;'>". $row2['
      special-case'];
945 echo "</tr>";
946 $ctr++;
947 }
948 }
949 echo "<tr><td colspan=6 style='text-align: right
      ;'> <br>". $ctr . " record/s found.<br><hr
      width='98%'></tr>";
950 }
951 if($pulsed == "Yes"){
952 $ctr = 0;
953 echo "<tr><td style='text-align:center;'> Pulp
      Sedation </tr>";
954 foreach($patientmatch as $row2){
955 $tok = str_replace(' ', '', $row2['pulp_sedation']);
956 ;
957 if($tok != '') {
958 echo "<tr><td><td style='text-align:center;'><  1014
      a href=".base_url()."index.php/
      loaddashboard/patientdb/" . $row2['UPCD_ID'
959 ].">". $row2['UPCD_ID'] . "</a>";
      echo "<td style='text-align:center;'>". $row2['
      patientFName'] . " ". substr($row2['
      patientMName'], 0, 1) . ". " . $row2['
      patientLName'];
960 echo "<td style='text-align:center;'>". $row2['
      pulp_sedation'];
961 echo "</tr>";
962 $ctr++;
963 }
964 }
965 echo "<tr><td colspan=6 style='text-align: right
      ;'> <br>". $ctr . " record/s found.<br><hr
      width='98%'></tr>";
966 }
967 if($roc == "Yes"){
968 $ctr = 0;
969 echo "<tr><td style='text-align:center;'>
      Recementation of Crown </tr>";
970 foreach($patientmatch as $row2){
971 $tok = str_replace(' ', '', $row2['
      crown_recementation']);
972 if($tok != '') {
973 echo "<tr><td><td style='text-align:center;'><  1025
      a href=".base_url()."index.php/
      loaddashboard/patientdb/" . $row2['UPCD_ID'
974 ].">". $row2['UPCD_ID'] . "</a>";
      echo "<td style='text-align:center;'>". $row2['
      patientFName'] . " ". substr($row2['
      patientMName'], 0, 1) . ". " . $row2['
      patientLName'];
975 echo "<td style='text-align:center;'>". $row2['
      crown_recementation'];
976 echo "</tr>";
977 $ctr++;
978 }
979 }
      width='98%'></tr>";
      }
      if($stemfill == "Yes"){
      $ctr = 0;
      echo "<tr><td style='text-align:center;'>
      Temporary Fillings </tr>";
      foreach($patientmatch as $row2){
      $tok = str_replace(' ', '', $row2['
      filling_service '
      ]);
      if($tok != '') {
      echo "<tr><td><td style='text-align:center;'><  987
      a href=".base_url()."index.php/
      loaddashboard/patientdb/" . $row2['UPCD_ID'
      ].">". $row2['UPCD_ID'] . "</a>";
      echo "<td style='text-align:center;'>". $row2['
      patientFName'] . " ". substr($row2['
      patientMName'], 0, 1) . ". " . $row2['
      patientLName'];
      echo "<td style='text-align:center;'>". $row2['
      filling_service ' ];
      echo "</tr>";
      $ctr++;
      }
      }
      echo "<tr><td colspan=6 style='text-align: right
      ;'> <br>". $ctr . " record/s found.<br><hr
      width='98%'></tr>";
      }
      if($laminated == "Yes"){
      $ctr = 0;
      echo "<tr><td style='text-align:center;'>
      Laminated </tr>";
      foreach($patientmatch as $row2){
      $tok = str_replace(' ', '', $row2['laminated']);
      if($tok != '') {
      echo "<tr><td><td style='text-align:center;'><  999
      a href=".base_url()."index.php/
      loaddashboard/patientdb/" . $row2['UPCD_ID'
      ].">". $row2['UPCD_ID'] . "</a>";
      echo "<td style='text-align:center;'>". $row2['
      patientFName'] . " ". substr($row2['
      patientMName'], 0, 1) . ". " . $row2['
      patientLName'];
      echo "<td style='text-align:center;'>". $row2['
      laminated'];
      echo "</tr>";
      $ctr++;
      }
      }
      echo "<tr><td colspan=6 style='text-align: right
      ;'> <br>". $ctr . " record/s found.<br><hr
      width='98%'></tr>";
      }
      if($singlecrown == "Yes"){
      $ctr = 0;
      echo "<tr><td style='text-align:center;'> Single
      Crown </tr>";
      foreach($patientmatch as $row2){
      $tok = str_replace(' ', '', $row2['single_crown']);
      if($tok != '') {
      echo "<tr><td><td style='text-align:center;'><  1018
      a href=".base_url()."index.php/
      loaddashboard/patientdb/" . $row2['UPCD_ID'
      ].">". $row2['UPCD_ID'] . "</a>";
      echo "<td style='text-align:center;'>". $row2['
      patientFName'] . " ". substr($row2['
      patientMName'], 0, 1) . ". " . $row2['
      patientLName'];
      echo "<td style='text-align:center;'>". $row2['
      single_crown'];
      echo "</tr>";
      $ctr++;
      }
      }
      echo "<tr><td colspan=6 style='text-align: right
      ;'> <br>". $ctr . " record/s found.<br><hr
      width='98%'></tr>";
      }
      if($bridge == "Yes"){
      $ctr = 0;
      echo "<tr><td style='text-align:center;'> Bridge";
      foreach($patientmatch as $row2){
      $tok = str_replace(' ', '', $row2['
      bridge_service '
      ]);
      if($tok != '') {
      echo "<tr><td><td style='text-align:center;'><  1033
      a href=".base_url()."index.php/
      loaddashboard/patientdb/" . $row2['UPCD_ID'
      ].">". $row2['UPCD_ID'] . "</a>";
      echo "<td style='text-align:center;'>". $row2['
      patientFName'] . " ". substr($row2['
      patientMName'], 0, 1) . ". " . $row2['
      patientLName'];
      echo "<td style='text-align:center;'>". $row2['
      bridge_service'];
      echo "</tr>";
      $ctr++;
      }
      }
      }

```



```

1039     echo "<tr><td colspan=6 style='text-align: right
1040         ;'> <br>". $ctr. " record/s found.<br><hr
1041         width='98%'></tr>";
1042     }
1043     if ($anterior == "Yes"){
1044         $ctr = 0;
1045         echo "<tr><td style='text-align:center;'> Anterior
1046             </tr>";
1047         foreach ($patientmatch as $row2){
1048             $tok = str_replace(' ', '', $row2['anterior']);
1049             if ($tok != '') {
1050                 echo "<tr><td><td style='text-align:center;'><
1051                     a href='".base_url()."index.php/
1052                     loaddashboard/patientdb/" . $row2['UPCD_ID']
1053                     .">". $row2['UPCD_ID'] . "</a>";
1054                 echo "<td style='text-align:center;'>". $row2['
1055                     patientFName'] . " . substr($row2['
1056                     patientMName'], 0, 1) . " . $row2['
1057                     patientLName']";
1058                 echo "<td style='text-align:center;'>". $row2['
1059                     anterior'];
1060                 echo "</tr>";
1061                 $ctr++;
1062             }
1063         }
1064         echo "<tr><td colspan=6 style='text-align: right
1065             ;'> <br>". $ctr. " record/s found.<br><hr
1066             width='98%'></tr>";
1067     }
1068     if ($posterior == "Yes"){
1069         $ctr = 0;
1070         echo "<tr><td style='text-align:center;'>
1071             Posterior </tr>";
1072     }
1073     }
1074     }
1075     </div><br><br>
1076 </body>
1077 </html>
1078 }
1079 }
1080 }
1081 }

```

Listing 107: radiographicexam-view.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
6     ".base_url()."css/style.css">";
7 echo "<script type='text/javascript' src='".base_url()."
8     "js/dynamic.js"></script>";
9 echo "<script type='text/javascript' src='".base_url()."
10     "js/patientdb.js"></script>";
11 ?>
12
13 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
14     Transitional//EN" "http://www.w3.org/TR/xhtml1
15     /DTD/xhtml1-transitional.dtd">
16 <html xmlns="http://www.w3.org/1999/xhtml">
17 <head>
18 <link href="<?php echo base_url(); ?>css/ui-lightness/
19     jquery-ui-1.10.3.custom.css" rel="stylesheet">
20 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
21     "></script>
22 <script src="<?php echo base_url(); ?>js/jquery-ui
23     -1.10.3.custom.js"></script>
24
25 <?php
26 $session_data = $this->session->userdata('logged_in');
27 $sect = $session_data['section'];
28 $section = "";
29 foreach ($sect as $row){
30     if ($row != "System Maintenance"){
31         $section = $row;
32         break;
33     }
34 }
35 ?>
36
37 <title>Radiographic Exam - <?php echo $section;
38     ?></title>
39 <link rel="shortcut icon" href="<?php echo base_url();
40     ?>images/upcd-20140224-favicon.ico">
41 <script type="text/javascript">
42
43 var fieldNum;
44 var i=0;
45 var year = new Date().getFullYear();
46
47 $(function() {
48     $('#date0').datepicker({
49         dateFormat: 'yy-mm-dd',
50         showAnim: 'slideDown',
51         changeMonth: true,
52         changeYear: true,
53         yearRange: '1910:' + year
54     });
55 });
56
57 function addRadio(tableID){
58     fieldNum= i+1;
59
60     var table = document.getElementById(tableID);
61     var numRows = table.rows.length;
62     var row = table.insertRow(numRows);
63     row.align = "center";
64
65     var cellA = row.insertCell(0);
66     cellA.innerHTML = "<input type='checkbox' name='"+
67         fieldNum+" id='ck"+fieldNum+"'">";
68     var cellB = row.insertCell(1);
69     cellB.innerHTML = "<input type='text' name='date[]'
70         class='datepicker' id='date' + fieldNum +'">";
71     var cellC = row.insertCell(2);
72     cellC.innerHTML = "<input type='text' name='tooth[]'
73         id='toothnum.' + fieldNum +'">";
74     var cellD = row.insertCell(3);
75     cellD.innerHTML = "<textarea name='findings[]' id='
76         findings-" + fieldNum +"' cols=40"></textarea>";
77
78     var str = '#date'+fieldNum;
79     $(str).datepicker({
80         dateFormat: 'yy-mm-dd',
81         showAnim: 'slideDown',
82         changeMonth: true,
83         changeYear: true,
84         yearRange: '1910:' + year
85     });
86
87     i++;
88 }
89
90 function deleteRadio(tableID){
91
92     var table = document.getElementById(tableID);
93     var rowCount = table.rows.length;
94     for (var i=0; i<rowCount; i++) {
95         var row = table.rows[i];
96         var checkbox = row.cells[0].childNodes[0];
97         if (null != checkbox && true == checkbox.
98             checked) {
99             if (rowCount <= 2) {
100                 alert("Cannot delete all the rows
101                     .");
102                 break;
103             }
104             table.deleteRow(i);
105             rowCount--;
106             i--;
107         }
108     }
109 }
110 </script>
111 </head>
112 <?php
113 $session_data = $this->session->userdata('logged_in');
114 $username = $session_data['username'];
115
116 $session_data2 = $this->session->userdata('has_error');
117 $invalid_input = $session_data2['invalid_input'];
118
119 if ($invalid_input){
120     $date2[] = $session_data2['date'];
121     $tooth2[] = $session_data2['tooth'];

```

```

109 $findings2 [] = $session_data2['findings'];
110
111 }
112 }
113
114
115 if($recordexist){
116     foreach($info as $row){
117         $datetxt = $row['date'];
118         $toothtxt = $row['toothno'];
119         $findingstxt = $row['findings'];
120     }
121
122     $date = explode("|", $datetxt);
123     $tooth = explode("|", $toothtxt);
124     $findings = explode("|", $findingstxt);
125
126
127 }
128 ?>
129 <body>
130
131 <div class="maindiv">
132 <?php include('patient_header.php'); ?>
133
134 <div id="Content_Area">
135
136 <form id="ADDRADIOGRAPHICEXAM" name="
ADDRADIOGRAPHICEXAM" action="<?php echo
base_url();?>index.php/verifyaddradiographicexam"
method="post">
137
138 <br><a href="<?php echo base_url();?>index.php/
loaddashboard/patientdb/<?php echo $id; ?>">
Dashboard </a> &nbsp;  <a href="<?php echo
base_url();?>index.php/viewradioexamversions">
View Versions </a><br><br>
139
140 <div class="validationexc" style="display: <?php if($this
->session->userdata('has_error')) echo 'block'; else
'none' ?>;">
141 <?php $session_data = $this->session->userdata('
has_error');
142     echo $session_data['error'];
143
144 </div>
145 <div style="position: relative; text-align:right; color:
red; right: 5%;"><i>* means required</i></div>
146 <table frame="box" class="frame" id="radio">
147 <tr class="header">
148 <td colspan=4>Radiographic Exam
149 </tr>
150 <tr>
151 <td>
152 <td>Date <font color="red">*</font>
153 <td>Tooth No. <font color="red">*</font>
154 <td>Findings <font color="red">*</font>
155 </tr>
156 <?php

```

Listing 108: radiographicexamreadon-lyview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
".base_url()."css/style.css">";
6
7 ?>
8 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" "http://www.w3.org/TR/xhtml1
/DTD/xhtml1-transitional.dtd">
9 <html xmlns="http://www.w3.org/1999/xhtml">
10 <head>
11 <link href="<?php echo base_url(); ?>css/ui-lightness/
jquery-ui-1.10.3.custom.css" rel="stylesheet">
12 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
"></script>
13 <script src="<?php echo base_url(); ?>js/jquery-ui
-1.10.3.custom.js"></script>
14
15 <?php
16 $session_data = $this->session->userdata('logged_in');
17 $sect = $session_data['section'];
18 $section = "";
19 foreach($sect as $row){
20     if($row != "System Maintenance"){
21         $section = $row;
22         break;
23     }
24 }
25
26 ?>
27
28 <title>Radiographic Exam - <?php echo $section; ?>

```

```

157 if( $invalid_input ) {
158     $size = sizeof($date2[0]);
159     for($i=0; $i<$size; $i++){
160         echo "<tr>";
161         echo "<td><input type='checkbox' name=$id id='
ck$i' checked /></td>";
162         echo "<td><input type='text' name='date[]' class='
datepicker' id='date$i' value='". $date2[0][$i]."'
'/></td>
163 <td><input type='text' name='tooth[]' id='
toothnum.$i' value='". $tooth2[0][$i]."' /></td
>
164 <td><textarea name='findings[]' id='findings.$i' cols
='40'>". $findings2[0][$i]. "</textarea></td>
165 </tr>";
166 }
167 }
168 elseif( $recordexist ) {
169     $size = sizeof($date);
170     for($i=0; $i<$size; $i++){
171         echo "<tr>";
172         echo "<td><input type='checkbox' name=$id id='
ck$i' checked /></td>";
173         echo "<td><input type='text' name='date[]' class='
datepicker' id='date$i' value='". $date[$i]."'
'/></td>
174 <td><input type='text' name='tooth[]' id='
toothnum.$i' value='". $tooth2[$i]."' /></td>
175 <td><textarea name='findings[]' id='findings.$i' cols
='40' >". $findings[$i]. "</textarea></td>
176 </tr>";
177 }
178 }
179 else
180     echo "<tr>
181 <td><input type='checkbox' name=0 id='ck0' /></td>
182 <td><input type='text' name='date[]' class='
datepicker' id='date0' /></td>
183 <td><input type='text' name='tooth[]' id='
toothnum.0' /></td>
184 <td><textarea name='findings[]' id='findings.0' cols
=40></textarea></td>
185 </tr>";
186 ?>
187 </table><br><br>
188 <input type="button" onClick="addRadio('radio')
" value="Add Row">
189 <input type="button" onClick="deleteRadio('radio')
" value="Delete Row/s"><br><br>
190 <input type="submit" value="Save"/> <input type="
reset" value="Clear entries" />
191 </form>
192
193 </div>
194
195 </body>
196 </html>

```

```

</title>
29 <link rel="shortcut icon" href="<?php echo base_url();
?>images/upcd-20140224-favicon.ico">
30 <script type="text/javascript">
31
32
33
34
35 </script>
36 </head>
37 <?php
38 $session_data = $this->session->userdata('logged_in');
39 $userid = $session_data['username'];
40
41 $session_data2 = $this->session->userdata('has_error');
42 $invalid_input = $session_data2['invalid_input'];
43
44 $session_data = $this->session->userdata('logged_in');
45 $userid = $session_data['username'];
46
47 $session_data2 = $this->session->userdata('has_error');
48 $invalid_input = $session_data2['invalid_input'];
49
50 if($recordexist){
51     foreach($info as $row){
52         $datetxt = $row['date'];
53         $toothtxt = $row['toothno'];
54         $findingstxt = $row['findings'];
55     }
56
57     $date = explode("|", $datetxt);
58     $tooth = explode("|", $toothtxt);
59     $findings = explode("|", $findingstxt);
60
61
62 }
63 ?>
64 <body>

```

```

65
66 <div class="maindiv">
67 <?php include('patient_header.php'); ?>
68
69 <div id="Content_Area">
70
71 <center><a href="<?php echo base_url();?>index.php/
loadashboard/patientdb/<?php echo $id; ?>">
Dashboard </a> &nbsp;  <a href="<?php echo
base_url();?>index.php/viewdentalchartversions">
View Versions </a><br><br></center><br><br>
72
73 <form id="ADDRADIOGRAPHICEXAM" name="
ADDRADIOGRAPHICEXAM" action="<?php echo
base_url();?>index.php/verifyaddradiographicexam"
method="post">
74
75
76
77 <div class="validationexc" style="display: <?php if($this
->session->userdata('has_error')) echo 'block'; else
'none' ?>;">
78 <?php $session_data = $this->session->userdata('
has_error');
79 echo $session_data['error'];
80 ?>
81 </div>
82
83 <?php if($forapproval) echo "<h4 style='color:red;'>This
patient's record is currently subject for approval.</
h4>";
84 elseif($private) echo "<h4 style='color:red;' align='
center'>This patient's record is under other
clinician 's supervision.</h4>"; ?>
85
86 <table frame="box" class="frame" id="radio">
87 <tr class="header">
88 <td colspan=4>Radiographic Exam
89 </tr>
90 <tr>
91 <td>
92 <td>Date
93 <td>Tooth No.
94 <td>Findings
95 </tr>
96 <?php
97 if($recordexist){
98 $size = sizeof($date);
99 for($i=0; $i<$size; $i++){
100 echo "<tr>";
101 echo "<td>";
102 echo "<td><input type='text' name='date[]' class='
datepicker' id='date$i' value='". $date[$i]."'
readonly disabled /></td>
103 <td><input type='text' name='tooth[]' id='
toothnum.$i' value='". $tooth[$i]."' readonly
disabled /></td>
104 <td><textarea name='findings[]' id='findings.$i' cols
='40' readonly>". $findings[$i]."</textarea></
td>
105 </tr>";
106 }
107 }
108 else{
109 echo "<tr>";
110 echo "<td>";
111 echo "<td><input type='text' name='date[]' class='
datepicker' id='date0' readonly disabled /></td>
112 <td><input type='text' name='tooth[]' id='
toothnum.0' readonly disabled /></td>
113 <td><textarea name='findings[]' id='findings.0' cols
='40' readonly disabled></textarea></td>
114 </tr>";
115 }
116 ?>
117 </table><br><br>
118 </form>
119
120 </div>
121
122 </body>
123 </html>

```

Listing 109: resetpasswordsuccess.php

```

1 <?php
2 echo "<link rel='stylesheet' type='text/css' href='
".base_url()."css/style.css">";
3 include('header.php');
4 ?>
5
6 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" "http://www.w3.org/TR/xhtml1
/DTD/xhtml1-transitional.dtd">
7 <html xmlns="http://www.w3.org/1999/xhtml">
8 <head>
9 <title>DentISt 4.0</title>
10 <link rel="shortcut icon" href="<?php echo base_url();
?>images/upcd-20140224-favicon.ico">
11 </head>
12 <body>
13
14 <?php if(!$this->session->userdata('logged_in')){
15 echo "<div style='margin: 0 auto; text-align:center;'>
16 <img src='";
17 echo base_url(). 'images/upcd-main.png';
18 echo "'><br>
19 <br>
20
21
22
23
24 <h4 align='center'> <font color=red> Password
successfully changed. </font></h4><br>
25
26
27
28
29
30
31 <input type='button' value='Login' onClick='window.
open("\ ".base_url()."/index.php/login", "\_parent
\").' /> <input type='button' value='Cancel'
onClick='history.go(-1)'>
32
33 </div>";
34 </form>";
35 }
36 }
37 ?>
38
39 </body>
40 </html>

```

Listing 110: searchaudittrailview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4 echo "<link rel='stylesheet' type='text/css' href='
".base_url()."css/style.css">";
5
6 ?>
7 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" "http://www.w3.org/TR/xhtml1
/DTD/xhtml1-transitional.dtd">
8 <html xmlns="http://www.w3.org/1999/xhtml">
9 <head>
10 <?php
11 $session_data = $this->session->userdata('logged_in');
12 $sect = $session_data['section'];
13 $section = "";
14 foreach($sect as $row){
15 if($row != "System Maintenance"){
16 $section = $row;
17 break;
18 }
19 }
20 ?>
21
22 <title>Search Audit Trail - <?php echo $section; ?>
23
24 </title>
25 <link rel="shortcut icon" href="<?php echo base_url();
?>images/upcd-20140224-favicon.ico">
26 <script type="text/javascript">
27 function confirmDelete(choice){
28 alert("choice: "+choice);
29 var conf = confirm("Delete this user?");
30 alert("conf: "+conf);
31 if(conf == true){
32 var url = "http://localhost/DentISt/index.php/
deleteuser/delete/" + choice;
33 window.location = url;
34 }
35 }
36 </script>
37 <script>
38
39 $(function() {
40 $("#auditfrom").datepicker({
41 dateFormat: 'yy-mm-dd',
42 showAnim: 'slideDown',
43 changeMonth: true,
44 changeYear: true,
45 yearRange: '1910:2014',
46 onClose: function( selectedDate ) {
47 $("#auditto").datepicker( "option", "minDate",
selectedDate );

```

```

48     }
49     });
50 });
51
52 $(function() {
53     $("#auditto").datepicker({
54         dateFormat: 'yy-mm-dd',
55         showAnim: 'slideDown',
56         changeMonth: true,
57         changeYear: true,
58         yearRange: '1910:2014',
59         onClose: function( selectedDate ) {
60             $("#auditfrom").datepicker( "option", "maxDate",
61                 selectedDate );
62         }
63     });
64 });
65 </script>
66
67 </head>
68 <body>
69 <div class="maindiv">
70 <h3 align=center>Users</h3>
71
72 <form action="<?php echo base_url().index.php/
73     searchaudittrail?>" method=post>
74
75 Search Input: <input type="text" name="searchtext" id="
76     searchtext" class="search" value="<?php echo
77     $text; ?>"> <input type="text" class="datepicker"
78     name="auditfrom" id="auditfrom" placeholder="
79     From" value="<?php echo $from; ?>"> <input type
80     ="text" class="datepicker" name="auditto" id="
81     auditto" placeholder="To" value="<?php echo $to;
82     ?>"> <br> <br>
83 <select name="audit_action">
84 <option value="" <?php if($action == "") echo "
85     selected"; ?>> Select one..
86 <option value="LOGIN" <?php if($action == "LOGIN")
87     echo "selected"; ?>> LOGIN
88 <option value="LOGOUT" <?php if($action == "
89     LOGOUT") echo "selected"; ?>> LOGOUT
90 <option value="SELECT" <?php if($action == "
91     SELECT") echo "selected"; ?>> SELECT
92 <option value="INSERT" <?php if($action == "INSERT
93     ") echo "selected"; ?>> INSERT
94 <option value="DELETE" <?php if($action == "
95     DELETE") echo "selected"; ?>> DELETE
96 <option value="UPDATE" <?php if($action == "
97     UPDATE") echo "selected"; ?>> UPDATE
98 </select>
99
100 <select name="audit_form">
101 <option value="" <?php if($form == "") echo "selected
102     "; ?>> Select one..
103 <option value="Users" <?php if($form == "Users") echo
104     "selected"; ?>> Users
105 <option value="Patient" <?php if($form == "Patient")
106     echo "selected"; ?>> Patient
107 <option value="Patient Information" <?php if($form ==
108     "Patient Information") echo "selected"; ?>>
109     Patient Information
110 <option value="Patient Checklist" <?php if($form == "
111     Patient Checklist") echo "selected"; ?>> Patient
112     Checklist
113 <option value="Medical and Social History" <?php if(
114     $form == "Medical and Social History") echo "
115     selected"; ?>> Medical and Social History
116 <option value="Dental Data" <?php if($form == "
117     Dental Data") echo "selected"; ?>> Dental Data
118 <option value="Dental Status Chart" <?php if($form ==
119     "Dental Status Chart") echo "selected"; ?>>
120     Dental Status Chart
121 <option value="Treatment Plan" <?php if($form == "
122     Treatment Plan") echo "selected"; ?>> Treatment
123     Plan
124 <option value="Radiographic Examination" <?php if(
125     $form == "Radiographic Examination") echo "
126     selected"; ?>> Radiographic Examination
127 <option value="Services Rendered" <?php if($form == "
128     Services Rendered") echo "selected"; ?>> Services
129     Rendered
130 <option value="Consultation and Findings" <?php if(
131     $form == "Consultation and Findings") echo "
132     selected"; ?>> Consultation and Findings
133 </select>
134 <input type="submit" value="Search" name="searchbtn">

```

Listing 111: searchpatientview.php

```

1 <?php
2 include('header.php');
3
4 echo "<link rel='stylesheet' type='text/css' href='
5     ".base_url().css/style.css'>";
6 echo "<script type='text/javascript' src='".base_url
7     ().js/dynamic.js'></script>";
8
9 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
10     Transitional/EN" "http://www.w3.org/TR/xhtml1
11     /DTD/xhtml1-transitional.dtd">
12 <html xmlns="http://www.w3.org/1999/xhtml">

```

```

11 <head>
12 <link href="<?php echo base_url(); ?>css/ui-lightness/ 100
    jquery-ui-1.10.3.custom.css" rel="stylesheet" > 101
13 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js 102
    "></script> 103
14 <script src="<?php echo base_url(); ?>js/jquery-ui 104
    -1.10.3.custom.js"></script> 105
15 106
16 <?php 107
17 $session_data = $this->session->userdata('logged_in'); 108
18 $ssect = $session_data['section']; 109
19 $section = ""; 110
20 foreach($ssect as $row){ 111
21     if($row != "System Maintenance"){ 112
22         $section = $row; 113
23         break; 114
24     } 115
25 } 116
26 117
27 $session_data = $this->session->userdata(' 118
    current_patient'); 119
28 $id = $session_data['id']; 120
29 121
30 ?> 122
31 123
32 <title>Search Patient - <?php echo $section;?></ 124
    title> 125
33 <link rel="shortcut icon" href="<?php echo base_url(); 126
    ?>images/upcd-20140224-favicon.ico"> 127
34 <script type="text/javascript"> 128
35 129
36 function goBack(){ 130
37     window.history.back() 131
38 } 132
39 133
40 function visible(element){ 134
41     if(element == "sasactions"){ 135
42         if(document.getElementById(element).checked){ 136
43             document.getElementById('perio').checked = true; 137
44             document.getElementById('ortho').checked = true; 138
45             document.getElementById('pedo').checked = true; 139
46             document.getElementById('cd').checked = true; 140
47             document.getElementById('fpd').checked = true; 141
48             document.getElementById('rpd').checked = true; 142
49             document.getElementById('os').checked = true; 143
50             document.getElementById('endo').checked = true; 144
51             document.getElementById('resto').checked = true; 145
52         } 146
53     } else{ 147
54         document.getElementById('perio').checked = false; 148
55         document.getElementById('ortho').checked = false; 149
56         document.getElementById('pedo').checked = false; 150
57         document.getElementById('cd').checked = false; 151
58         document.getElementById('fpd').checked = false; 152
59         document.getElementById('rpd').checked = false; 153
60         document.getElementById('os').checked = false; 154
61         document.getElementById('endo').checked = false; 155
62         document.getElementById('resto').checked = false; 156
63     } 157
64 } 158
65 } else if(element == "sadtentcond"){ 159
66     if(document.getElementById(element).checked){ 160
67         document.getElementById('caries').checked = true; 161
68         document.getElementById('extrusion').checked = true; 162
69         document.getElementById('compdent').checked = true; 163
70         document.getElementById('impacted').checked = true; 164
71         document.getElementById('recurrent').checked = true; 165
72         document.getElementById('intrusion').checked = true; 166
73         document.getElementById('singdent').checked = true; 167
74         document.getElementById('missing').checked = true; 168
75         document.getElementById('restoration').checked = 169
            true; 170
76         document.getElementById('mdr').checked = true; 171
77         document.getElementById('rempardent').checked = 172
            true; 173
78         document.getElementById('acr cr').checked = true; 174
79         document.getElementById('pftm').checked = true; 175
80         document.getElementById('ddr').checked = true; 176
81         document.getElementById('pafs').checked = true; 177
82         document.getElementById('metcr').checked = true; 178
83         document.getElementById('rot').checked = true; 179
84         document.getElementById('rct').checked = true; 180
85         document.getElementById('pcc').checked = true; 181
86         document.getElementById('extracted').checked = true; 182
87         document.getElementById('unerupted').checked = true 183
            ; 184
88         document.getElementById('porcr').checked = true; 185
89     } 186
90 } else{ 187
91     document.getElementById('caries').checked = false; 188
92     document.getElementById('extrusion').checked = false; 189
93     document.getElementById('compdent').checked = false 190
        ; 191
94     document.getElementById('impacted').checked = false; 192
95     document.getElementById('recurrent').checked = false; 193
96     document.getElementById('intrusion').checked = false; 194
97     document.getElementById('singdent').checked = false; 195
98     document.getElementById('missing').checked = false; 196
99     document.getElementById('restoration').checked = 197
        false; 198
100     document.getElementById('mdr').checked = false; 199
101     document.getElementById('rempardent').checked = 200
        false; 201
102     document.getElementById('acr cr').checked = false; 202
103     document.getElementById('pftm').checked = false; 203
104     document.getElementById('ddr').checked = false; 204
105     document.getElementById('pafs').checked = false; 205
106     document.getElementById('metcr').checked = false; 206
107     document.getElementById('rot').checked = false; 207
108     document.getElementById('rct').checked = false; 208
109     document.getElementById('pcc').checked = false; 209
110     document.getElementById('extracted').checked = false; 210
111     document.getElementById('unerupted').checked = 211
        false; 212
112     document.getElementById('porcr').checked = false; 213
113 } 214
114 } 215
115 } else if(element == "saservneed"){ 216
116     if(document.getElementById(element).checked){ 217
117         document.getElementById('mopd').checked = true; 218
118         document.getElementById('class1').checked = true; 219
119         document.getElementById('extraction').checked = true 220
            ; 221
120         document.getElementById('pulpسد').checked = true; 222
121         document.getElementById('class2').checked = true; 223
122         document.getElementById('odon').checked = true; 224
123         document.getElementById('roc').checked = true; 225
124         document.getElementById('class3').checked = true; 226
125         document.getElementById('specclass').checked = true; 227
126         document.getElementById('temfill').checked = true; 228
127         document.getElementById('class4').checked = true; 229
128         document.getElementById('pedodontics').checked = 230
            true; 231
129         document.getElementById('moai').checked = true; 232
130         document.getElementById('class5').checked = true; 233
131         document.getElementById('orthodontics').checked = 234
            true; 235
132         document.getElementById('moti').checked = true; 236
133         document.getElementById('onlay').checked = true; 237
134         document.getElementById('lamented').checked = true; 238
135         document.getElementById('completedenture').checked 239
            = true; 240
136         document.getElementById('anterior').checked = true; 241
137         document.getElementById('singlcrown').checked = 242
            true; 243
138         document.getElementById('singledenture').checked = 244
            true; 245
139         document.getElementById('posterior').checked = true; 246
140         document.getElementById('bridge').checked = true; 247
141         document.getElementById('removablepartialdenture'). 248
            checked = true; 249
142     } 250
143 } else{ 251
144     document.getElementById('mopd').checked = false; 252
145     document.getElementById('class1').checked = false; 253
146     document.getElementById('extraction').checked = 254
        false; 255
147     document.getElementById('pulpسد').checked = false; 256
148     document.getElementById('class2').checked = false; 257
149     document.getElementById('odon').checked = false; 258
150     document.getElementById('roc').checked = false; 259
151     document.getElementById('class3').checked = false; 260
152     document.getElementById('specclass').checked = false; 261
153     document.getElementById('temfill').checked = false; 262
154     document.getElementById('class4').checked = false; 263
155     document.getElementById('pedodontics').checked = 264
        false; 265
156     document.getElementById('moai').checked = false; 266
157     document.getElementById('class5').checked = false; 267
158     document.getElementById('orthodontics').checked = 268
        false; 269
159     document.getElementById('moti').checked = false; 270
160     document.getElementById('onlay').checked = false; 271
161     document.getElementById('lamented').checked = false; 272
162     document.getElementById('completedenture').checked 273
        = false; 274
163     document.getElementById('anterior').checked = false; 275
164     document.getElementById('singlcrown').checked = 276
        false; 277
165     document.getElementById('singledenture').checked = 278
        false; 279
166     document.getElementById('posterior').checked = false; 280
167     document.getElementById('bridge').checked = false; 281
168     document.getElementById('removablepartialdenture'). 282
        checked = false; 283
169 } 284
170 } 285
171 /**/ 286
172 } 287
173 } 288
174 function makeRadio(element){ 289
175     if(element == "demo1Or") document.getElementById(' 290
        demo1And').checked = false; 291
176     if(element == "demo1And") document.getElementById(' 292
        demo1Or').checked = false; 293
177     if(element == "demo2Or") document.getElementById(' 294
        demo2And').checked = false; 295
178     if(element == "demo2And") document.getElementById('

```

```

        'demo2Or').checked = false;
179 if(element == "demo3Or") document.getElementById('
    demo3And').checked = false;
180 if(element == "demo3And") document.getElementById(
    'demo3Or').checked = false;
181 }
182
183 function enableDemos(element){
184     if(element == "demo1Or" || element == "demo1And"){
185         if(document.getElementById(element).checked){
186             document.getElementById('sasactions').disabled =
                false;
187             document.getElementById('demo2Or').disabled = false
                ;
188             document.getElementById('demo2And').disabled =
                false;
189             document.getElementById('demo3Or').disabled = false
                ;
190             document.getElementById('demo3And').disabled =
                false;
191             disable_section (false);
192         }
193     }
194     else{
195         document.getElementById('sasactions').disabled =
                true;
196         document.getElementById('sadentcond').disabled =
                true;
197         document.getElementById('saservneed').disabled =
                true;
198         document.getElementById('demo2Or').disabled = true;
199         document.getElementById('demo2And').disabled =
                true;
200         document.getElementById('demo3Or').disabled = true;
201         document.getElementById('demo3And').disabled =
                true;
202
203         document.getElementById('sasactions').checked = false
                ;
204         document.getElementById('sadentcond').checked =
                false;
205         document.getElementById('saservneed').checked =
                false;
206         document.getElementById('demo2Or').checked = false;
207         document.getElementById('demo2And').checked =
                false;
208         document.getElementById('demo3Or').checked = false;
209         document.getElementById('demo3And').checked =
                false;
210
211         visible ('sasactions');
212         disable_section (true);
213         visible ('sadentcond');
214         disable_condition (true);
215         visible ('saservneed');
216         disable_service (true);
217     }
218 }
219
220 else if(element == "demo2Or" || element == "
    demo2And"){
221     if(document.getElementById(element).disabled){
222         document.getElementById("demo1Or").style.border="
            solid 1px red";
223     }
224     else{
225         document.getElementById("demo1Or").style.border="
            solid 1px black";
226     }
227
228     if(document.getElementById(element).checked){
229         document.getElementById('sadentcond').disabled =
            false;
230         disable_condition (false);
231     }
232 }
233
234 else{
235     document.getElementById('sadentcond').disabled =
            true;
236     document.getElementById('sadentcond').checked =
            false;
237     visible ('sadentcond');
238
239     disable_condition (true);
240 }
241
242 }
243 else if(element == "demo3Or" || element == "
    demo3And"){
244     if(document.getElementById(element).checked){
245         document.getElementById('saservneed').disabled =
            false;
246         disable_service (false);
247     }
248 }
249 }
250 else{
251     document.getElementById('saservneed').disabled =
            true;
252     document.getElementById('saservneed').checked =
            false;
253     visible ('saservneed');
254
255     disable_condition (true);
256 }
257 }
258 }
259 }
260 }
261
262 function disable_section (bool){
263     if (bool){
264         document.getElementById('perio').disabled = true;
265         document.getElementById('ortho').disabled = true;
266         document.getElementById('pedo').disabled = true;
267         document.getElementById('cd').disabled = true;
268         document.getElementById('fpd').disabled = true;
269         document.getElementById('rpd').disabled = true;
270         document.getElementById('os').disabled = true;
271         document.getElementById('endo').disabled = true;
272         document.getElementById('resto').disabled = true;
273     }
274     else{
275         document.getElementById('perio').disabled = false;
276         document.getElementById('ortho').disabled = false;
277         document.getElementById('pedo').disabled = false;
278         document.getElementById('cd').disabled = false;
279         document.getElementById('fpd').disabled = false;
280         document.getElementById('rpd').disabled = false;
281         document.getElementById('os').disabled = false;
282         document.getElementById('endo').disabled = false;
283         document.getElementById('resto').disabled = false;
284     }
285 }
286
287 function disable_condition (bool){
288     if (bool){
289         document.getElementById('sadentcond').disabled =
            true;
290         document.getElementById('caries').disabled = true;
291         document.getElementById('extrusion').disabled = true;
292         document.getElementById('compdent').disabled = true;
293         document.getElementById('impacted').disabled = true;
294         document.getElementById('recurrent').disabled = true;
295         document.getElementById('intrusion').disabled = true;
296         document.getElementById('singdent').disabled = true;
297         document.getElementById('missing').disabled = true;
298         document.getElementById('restoration').disabled = true
            ;
299         document.getElementById('mdr').disabled = true;
300         document.getElementById('rempardent').disabled =
            true;
301         document.getElementById('acrccr').disabled = true;
302         document.getElementById('pftm').disabled = true;
303         document.getElementById('ddr').disabled = true;
304         document.getElementById('pafs').disabled = true;
305         document.getElementById('metcr').disabled = true;
306         document.getElementById('rot').disabled = true;
307         document.getElementById('rct').disabled = true;
308         document.getElementById('pcc').disabled = true;
309         document.getElementById('extracted').disabled = true;
310         document.getElementById('unerupted').disabled = true;
311         document.getElementById('porcr').disabled = true;
312     }
313     else{
314         document.getElementById('sadentcond').disabled =
            false;
315         document.getElementById('caries').disabled = false;
316         document.getElementById('extrusion').disabled = false;
317         document.getElementById('compdent').disabled = false;
318         document.getElementById('impacted').disabled = false;
319         document.getElementById('recurrent').disabled = false;
320         document.getElementById('intrusion').disabled = false;
321         document.getElementById('singdent').disabled = false;
322         document.getElementById('missing').disabled = false;
323         document.getElementById('restoration').disabled =
            false;
324         document.getElementById('mdr').disabled = false;
325         document.getElementById('rempardent').disabled =
            false;
326         document.getElementById('acrccr').disabled = false;
327         document.getElementById('pftm').disabled = false;
328         document.getElementById('ddr').disabled = false;
329         document.getElementById('pafs').disabled = false;
330         document.getElementById('metcr').disabled = false;
331         document.getElementById('rot').disabled = false;
332         document.getElementById('rct').disabled = false;
333         document.getElementById('pcc').disabled = false;
334         document.getElementById('extracted').disabled = false;
335         document.getElementById('unerupted').disabled = false
            ;
336         document.getElementById('porcr').disabled = false;
337     }
338 }
339
340 function disable_service (bool){
341     if (bool){

```

```

342 document.getElementById('mopd').disabled = true;
343 document.getElementById('class1').disabled = true;
344 document.getElementById('extraction').disabled = true;
345 document.getElementById('pulpsted').disabled = true;
346 document.getElementById('class2').disabled = true;
347 document.getElementById('odon').disabled = true;
348 document.getElementById('roc').disabled = true;
349 document.getElementById('class3').disabled = true;
350 document.getElementById('specclass').disabled = true;
351 document.getElementById('temfill').disabled = true;
352 document.getElementById('class4').disabled = true;
353 document.getElementById('pedodontics').disabled =
    true;
354 document.getElementById('moai').disabled = true;
355 document.getElementById('class5').disabled = true;
356 document.getElementById('orthodontics').disabled =
    true;
357 document.getElementById('moti').disabled = true;
358 document.getElementById('onlay').disabled = true;
359 document.getElementById('lamented').disabled = true;
360 document.getElementById('completedenture').disabled
    = true;
361 document.getElementById('anterior').disabled = true;
362 document.getElementById('singlecrown').disabled =
    true;
363 document.getElementById('singledenture').disabled =
    true;
364 document.getElementById('posterior').disabled = true;
365 document.getElementById('bridge').disabled = true;
366 document.getElementById('removablepartialdenture').
    disabled = true;
367 }
368 else{
369 document.getElementById('mopd').disabled = false;
370 document.getElementById('class1').disabled = false;
371 document.getElementById('extraction').disabled = false
    ;
372 document.getElementById('pulpsted').disabled = false;
373 document.getElementById('class2').disabled = false;
374 document.getElementById('odon').disabled = false;
375 document.getElementById('roc').disabled = false;
376 document.getElementById('class3').disabled = false;
377 document.getElementById('specclass').disabled = false;
378 document.getElementById('temfill').disabled = false;
379 document.getElementById('class4').disabled = false;
380 document.getElementById('pedodontics').disabled =
    false;
381 document.getElementById('moai').disabled = false;
382 document.getElementById('class5').disabled = false;
383 document.getElementById('orthodontics').disabled =
    false;
384 document.getElementById('moti').disabled = false;
385 document.getElementById('onlay').disabled = false;
386 document.getElementById('lamented').disabled = false;
387 document.getElementById('completedenture').disabled
    = false;
388 document.getElementById('anterior').disabled = false;
389 document.getElementById('singlecrown').disabled =
    false;
390 document.getElementById('singledenture').disabled =
    false;
391 document.getElementById('posterior').disabled = false;
392 document.getElementById('bridge').disabled = false;
393 document.getElementById('removablepartialdenture').
    disabled = false;
394 }
395 }
396
397 </script>
398 </head>
399 <?php
400 $session_data = $this->session->userdata('logged_in');
401 $username_log = $session_data['username'];
402
403 ?>
404 <body>
405
406 <br><br>
407 <div style="border: 2px #7F00FF solid; text-align: center
    ; -moz-border-radius: 12px; border-radius: 12px;"
408 >
409 <h3 align="left" style="left: 1%;position: relative;">
    Query Patient</h3>
410
411 <form id="SEARCHPATIENT" name="
    SEARCHPATIENT" action="<?php echo base_url
    ();?>index.php/querypatient" method="post">
412 <div class="validation" style="display:<?if(
    validation_errors() == true) echo 'block'; else
    echo 'none'?>">
413 <?php if(form_error('gendersearch')) echo form_error('
    gendersearch'); ?>
414 </div>
415
416 <div style="position: relative; text-align:right; color:
    red; right: 1%;"><i>* means required</i></div>
417 <table frame="box" class="frame" style="width:98%;
    left:1%;">
418 <tr class="header">
419 <td colspan=4> Demographics
420 </tr>
421 <tr>
422 <td>Age
423 <td colspan=2><input type="text" name="agefrom"
    placeholder="From" value="<?php echo set_value
    ('agefrom'); ?>"> -
424 <input type="text" name="ageto" placeholder="To"
    value="<?php echo set_value('ageto'); ?>">
425 <td>
426 </tr>
427 <tr>
428 <td>Gender <font color='red'*</font>
429 <td><input type="radio" name="gendersearch" value
    ="Male" <?php if(set_value('gendersearch') == '
    Male') echo "checked"; ?>>M &nbsp; <input
    type="radio" name="gendersearch" value="
    Female" <?php if(set_value('gendersearch') == '
    Female') echo "checked"; ?>>F &nbsp; <input
    type="radio" name="gendersearch" value="Both
    " <?php if(set_value('gendersearch') == 'Both')
    echo "checked"; ?>>Both &nbsp;  
430 <td>
431 <td>
432 </tr>
433 <tr>
434 <td>City
435 <td><input type="text" name="citysearch" value="
    <?php echo set_value('citysearch'); ?>">
436 <td>
437 <td>
438 </tr>
439 <tr>
440 <td>Occupation
441 <td><input type="text" name="occsearch" value="<?
    php echo set_value('occsearch'); ?>">
442 <td>
443 <td>
444 </tr>
445 </table><br><br>
446 <table frame="box" class="frame" style="width:98%;
    left:1%;">
447 <tr class="header">
448 <td colspan=2 class="noborder">Other Conditions (
    Using Demographics)</td>
449 <td class="noborder">
450 <td class="noborder" style='text-align:right;'><input
    type="checkbox" name="demo[]" id="demo1Or"
    value="or" onClick="makeRadio(this.id);
    enableDemos(this.id);"> Or | <input type="
    checkbox" name="demo[]" value="and" id="
    demo1And" onClick="makeRadio(this.id);
    enableDemos(this.id);"> And
451 </tr>
452 <tr>
453 <td colspan=4>&nbsp;  
454 </tr>
455 <tr class=header>
456 <td colspan=2>Sections
457 <td>
458 <td style='text-align:right;'><input type="checkbox"
    name="sasactions" id="sasactions" onClick="
    visible(this.name)" disabled> Select All
459 </tr>
460 <tr>
461 <td><b>Operative Dentistry</b>
462 <td><b>Oral Medicine</b>
463 <td><b>Prosthodontics</b>
464 <td>
465 </tr>
466 <tr>
467 <td><input type="checkbox" name="perio" id="perio
    " value="Yes" disabled>Periodontics
468 <td><input type="checkbox" name="rpd" id="rpd"
    value="Yes" disabled>Removable Prosthodontics
469 <td><input type="checkbox" name="ortho" id="
    ortho" value="Yes" disabled>Orthodontics
470 <td>
471 </tr>
472 <tr>
473 <td><input type="checkbox" name="os" id="os"
    value="Yes" disabled>Oral Surgery
474 <td><input type="checkbox" name="fpd" id="fpd"
    value="Yes" disabled>Fixed Partial
    Prosthodontics
475 <td><input type="checkbox" name="pedo" id="pedo
    " value="Yes" disabled>Pedodontics
476 <td>
477 </tr>
478 <tr>
479 <td><input type="checkbox" name="endo" id="endo"
    value="Yes" disabled>Endodontics
480 <td><input type="checkbox" name="cd" id="cd"
    value="Yes" disabled>Complete Denture
481 <td><input type="checkbox" name="resto" id="resto
    " value="Yes" disabled>Restorative Dentistry
482 <td>
483 </tr>

```

484	</table> 		of Periodontal Disease
485	<table frame="box" class="frame" style="width:98%;	539	</tr>
	left:1%;">	540	<tr>
486	<tr class="header">	541	<td> <u>Operative Dentistry</u>
487	<td colspan=2>Dental Condition	542	<td> <u>Surgery</u>
488	<td>	543	<td> <u>Emergency Treatment</u>
489	<td style='text-align:right;'><input type="checkbox"	544	</tr>
	name="dentdemo[]" id="demo2Or" value="or"	545	<tr>
	onClick="makeRadio(this.id); enableDemos(this.	546	<td><input type="checkbox" name="class1" id="
	id);" disabled> Or <input type="checkbox"		class1" value="Yes" disabled>Class I
	name="dentdemo[]" id="demo2And" value="and"	547	<td><input type="checkbox" name="extraction" id="
	onClick="makeRadio(this.id); enableDemos(this		extraction" value="Yes" disabled>Extraction
	.id);" disabled> And <input type="checkbox"	548	<td><input type="checkbox" name="pulsed" id="
	name="sudentcond" id="sudentcond" onClick="		pulsed" value="Yes" disabled>Pulp Sedation
	visible(this.name)" disabled> Select All	549	<td>
490	</tr>	550	</tr>
491	<tr>	551	<tr>
492	<td><input type="checkbox" name="caries" id="	552	<td><input type="checkbox" name="class2" id="
	caries" value="Yes" disabled>Caries		class2" value="Yes" disabled>Class II
493	<td><input type="checkbox" name="extrusion" id="	553	<td><input type="checkbox" name="odon" id="odon
	extrusion" value="Yes" disabled>Extrusion		" value="Yes" disabled>Odontectomy
494	<td><input type="checkbox" name="compdent" id="	554	<td><input type="checkbox" name="roc" id="roc"
	compdent" value="Yes" disabled>Complete		value="Yes" disabled>Recementation of Crowns
	Denture	555	<td>
495	<td><input type="checkbox" name="impacted" id="	556	</tr>
	impacted" value="Yes" disabled>Impacted	557	<tr>
496	</tr>	558	<td><input type="checkbox" name="class3" id="
497	<tr>		class3" value="Yes" disabled>Class III
498	<td><input type="checkbox" name="recurrent" id="	559	<td><input type="checkbox" name="specclass" id="
	recurrent" value="Yes" disabled>Recurrent		specclass" value="Yes" disabled>Special Class
	Caries	560	<td><input type="checkbox" name="temfill" id="
499	<td><input type="checkbox" name="intrusion" id="		temfill" value="Yes" disabled>Temporary Fillings
	intrusion" value="Yes" disabled>Intrusion	561	<td>
500	<td><input type="checkbox" name="singdent" id="	562	</tr>
	singdent" value="Yes" disabled>Single Denture	563	<tr>
501	<td><input type="checkbox" name="missing" id="	564	<td><input type="checkbox" name="class4" id="
	missing" value="Yes" disabled>Missing		class4" value="Yes" disabled>Class IV
502	</tr>	565	<td><input type="checkbox" name="pedodontics" id
503	<tr>		= "pedodontics" value="Yes" disabled>
504	<td><input type="checkbox" name="restoration" id=		Pedodontics
	"restoration" value="Yes" disabled>Restoration	566	<td><input type="checkbox" name="moai" id="moai
505	<td><input type="checkbox" name="mdr" id="mdr"		" value="Yes" disabled>Management of Acute
	value="Yes" disabled>Mesial Drifting Rotation		Infections
506	<td><input type="checkbox" name="rempardent" id=	567	<td>
	"rempardent" value="Yes" disabled>Removable	568	</tr>
	Partial Denture	569	<tr>
507	<td><input type="checkbox" name="acrcr" id="acrcr	570	<td><input type="checkbox" name="class5" id="
	"acrcr" value="Yes" disabled>Acrylic Crown		class5" value="Yes" disabled>Class V
508	</tr>	571	<td><input type="checkbox" name="orthodontics" id
509	<tr>		= "orthodontics" value="Yes" disabled>
510	<td><input type="checkbox" name="pftm" id="pftm		Orthodontics
	" pftm" value="Yes" disabled>Porcelain Fused To Metal	572	<td><input type="checkbox" name="moti" id="moti"
511	<td><input type="checkbox" name="ddr" id="ddr"		value="Yes" disabled>Management of
	value="Yes" disabled>Distal Drifting Rotation		Temporary Injuries
512	<td><input type="checkbox" name="pafs" id="pafs"	573	<td>
	value="Yes" disabled>Pit and Fissure Sealants	574	</tr>
513	<td><input type="checkbox" name="metcr" id="	575	<tr>
	metcr" value="Yes" disabled>Metal Crown	576	<td><input type="checkbox" name="onlay" id="
514	</tr>		onlay" value="Yes" disabled>Onlay
515	<tr>	577	<td>
516	<td><input type="checkbox" name="rot" id="rot"	578	<td>
	value="Yes" disabled>Rotation	579	<td>
517	<td><input type="checkbox" name="rct" id="rct"	580	</tr>
	value="Yes" disabled>Root Canal Treatment	581	<tr>
518	<td><input type="checkbox" name="pcc" id="pcc"	582	<td>
	value="Yes" disabled>Post Core Crown	583	<tr>
519	<td>	584	<tr>
520	</tr>	585	<td><u>Fixed Partial Denture</u>
521	<tr>	586	<td><u>Prosthodontics</u>
522	<td><input type="checkbox" name="extracted" id="	587	<td><u>Endodontics</u>
	extracted" value="Yes" disabled>Extracted	588	<td>
523	<td><input type="checkbox" name="unerupted" id="	589	</tr>
	unerupted" value="Yes" disabled>Unerupted	590	<tr>
524	<td><input type="checkbox" name="porcr" id="porcr	591	<td><input type="checkbox" name="lamented" id="
	" value="Yes" disabled>Porcelain Crown		lamented" value="Yes" disabled>Laminated
525	<td>	592	<td><input type="checkbox" name="completedenture
526	</tr>		" id="completedenture" value="Yes" disabled>
527	</table> 		Complete Denture
528	<table frame="box" class="frame" style="width:98%;	593	<td><input type="checkbox" name="anterior" id="
	left:1%;">		anterior" value="Yes" disabled>Anterior
529	<tr class="header">	594	<td>
530	<td colspan=2>Services Needed	595	</tr>
531	<td>	596	<tr>
532	<td style='text-align:right;'><input type="checkbox"	597	<td><input type="checkbox" name="singlecrown" id=
	name="servdemo[]" value="or" id="demo3Or"		"singlecrown" value="Yes" disabled>Single
	onClick="makeRadio(this.id); enableDemos(this.		Crown
	id);" disabled> Or <input type="checkbox"	598	<td><input type="checkbox" name="singledenture" id
	name="servdemo[]" value="and" id="demo3And"		= "singledenture" value="Yes" disabled>Single
	onClick="makeRadio(this.id); enableDemos(this.		Denture
	id);" disabled> And <input type="checkbox"	599	<td><input type="checkbox" name="posterior" id="
	name="saservneed" id="saservneed" onClick="		posterior" value="Yes" disabled>Posterior
	visible(this.name)" disabled> Select All	600	<td>
533	</tr>	601	</tr>
534	<tr>	602	<tr>
535	<td colspan=4><u>Periodontics</u>	603	<td><input type="checkbox" name="bridge" id="
536	<tr>		bridge" value="Yes" disabled>Bridge
537	<tr>	604	<td><input type="checkbox" name="
538	<td colspan=4><input type="checkbox" name="mopd		removablepartialdenture" id="
	" id="mopd" value="Yes" disabled>Management		removablepartialdenture" value="Yes" disabled>


```

Removable Partial Denture
605 <td>
606 <td>
607 </tr>
608 </table>
609
610 <br><input type="submit" value="Search"/> <input
type="reset" value="Clear entries"/> <input type

```

```

="button" value="Go Back" onClick="goBack()"
><br>
611 </form>
612 </div><br><br>
613
614 </body>
615 </html>

```

Listing 112: searchuserview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4 echo "<link rel='stylesheet' type='text/css' href='
".base_url()."css/style.css'>";
5
6
7 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" http://www.w3.org/TR/xhtml1
/DTD/xhtml1-transitional.dtd">
8 <html xmlns="http://www.w3.org/1999/xhtml" >
9 <head>
10 <title>Users - System Administrator </title>
11 <link rel="shortcut icon" href="<?php echo base_url();
?>images/upcd-20140224-favicon.ico">
12 <script type="text/javascript">
13 function confirmDelete(choic){
14 alert("choice: "+choic);
15 var conf = confirm("Delete this user?");
16 alert("conf: "+conf);
17 if(conf == true){
18 var url = "http://localhost/DentIst/index.php/
deleteuser/delete/" + choic;
19 window.location = url;
20 }
21 }
22 </script>
23 </head>
24 <body>
25 <div class="maindiv">
26 <h3 align=center>Users</h3>
27
28 <form action="<?php echo base_url().index.php/
searchuser?>" method=post>
29
30
31 <input type="text" class="search" name="searchuser"
value="<?php echo $string; ?>"> <input type="
submit" value="Search" name="searchbtn" value="
<?php echo $string; ?>"> <br><br>
32 There <?php if($users == FALSE){
33 echo "are no records";
34 }elseif($count == 1){
35 echo "is 1 record";

```

```

36 }else
37 echo "are ".$count." records";
38
39 ?> that matched the keyword '<?php echo $string; ?>' <
br><br>
40 <center>
41 <table class="altcolor" style="width: 90%;" cellpadding
=5>
42 <tr class="header">
43 <td class="tab" align="center"> User
44 <td class="tab" align="center"> Username
45 <td class="tab" align="center"> Role
46 <td class="tab" align="center"> Section
47 <td class="tab" align="center"> Options
48 </tr>
49 <?php
50 if($users == FALSE) echo "users:". $users;
51 else{
52 foreach($users as $row){
53 $uname = $row->username;
54 echo "<tr class='tab'><td class='tab'>". $row->
userFName." ". $row->userLName;
55 echo "<td class='tab'>". $row->username;
56 echo "<td class='tab'>";
57 foreach($users2[$uname] as $row2){
58 echo $row2->role_type."<br>";
59 }
60 echo "<td class='tab'>";
61 foreach($users2[$uname] as $row2){
62 echo $row2->role_section."<br>";
63 }
64 echo "<td class='tab'><a href='".base_url().index.
php/edituser/edit/" . $row->userID.">Edit</
a>&nbsp;<a href=# onClick='confirmDelete(
$row->userID.'">Delete</a></tr>";
65 }
66 }
67 ?>
68 </table>
69
70 </center>
71 </form>
72 </div>
73 </body>
74 </html>

```

Listing 113: servicesrenderedview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='".base_url().
"js/dynamic.js"></script>";
7 echo "<script type='text/javascript' src='".base_url().
"js/patientdb.js"></script>";
8
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN" http://www.w3.org/TR/xhtml1
/DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
"></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
-1.10.3.custom.js"></script>
16 <?php
17 $session_data = $this->session->userdata('logged_in');
18 $sect = $session_data['section'];
19 $section = "";
20 foreach($sect as $row){
21 if($row != "System Maintenance"){
22 $section = $row;
23 break;
24 }
25 }
26
27 ?>
28 <title>Services Rendered - <?php echo $section;
?></title>
29 <link rel="shortcut icon" href="<?php echo base_url();
?>images/upcd-20140224-favicon.ico">
30 <script type="text/javascript">

```

```

31
32 var fieldNum3;
33 var k=0;
34 var year = new Date().getFullYear();
35
36 $(function() {
37 $('#servicedate_0').datepicker({
38 dateFormat: 'yy-mm-dd',
39 showAnim: 'slideDown',
40 changeMonth: true,
41 changeYear: true,
42 yearRange: '1910:' + year
43 });
44 });
45
46 function addService(tableID){
47 fieldNum3= k+1;
48
49 var table = document.getElementById(tableID);
50 var numRows = table.rows.length;
51 var row = table.insertRow(numRows);
52 row.align = "center";
53
54 var cellA = row.insertCell(0);
55 cellA.innerHTML = "<input type='checkbox' name='"+
fieldNum3+" id='ck'+fieldNum3+'>";
56 var cellB = row.insertCell(1);
57 cellB.innerHTML = "<input type='text' name='
servicedate[]" class='datepicker' id='servicedate_" +
fieldNum3 +">";
58 var cellC = row.insertCell(2);
59 cellC.innerHTML = "<textarea name='rendered[]" id='
rendered_" + fieldNum3 +" cols=50></textarea>"
;
60 var cellD = row.insertCell(3);
61 cellD.innerHTML = "<input type='text' name='fees[]" id=
='fees_" + fieldNum3 +">";
62
63
64 k++;
65
66 var str = '#servicedate_'+fieldNum3;

```

```

67 $(str).datepicker({
68   dateFormat: 'yy-mm-dd',
69   showAnim: 'slideDown',
70   changeMonth: true,
71   changeYear: true,
72   yearRange: '1910:' + year
73 });
74 }
75
76 function deleteService(tableID){
77
78   var table = document.getElementById(tableID);
79   var rowCount = table.rows.length;
80   for(var i=0; i<rowCount; i++) {
81     var row = table.rows[i];
82     var chkbox = row.cells[0].childNodes[0];
83     if( (null != chkbox && true == chkbox.
84         checked) {
85       if(rowCount <= 2) { alert("Cannot delete all the rows
86         .");
87         break;
88       }
89       table.deleteRow(i);
90       rowCount--;
91       i--;
92     }
93   }
94 }
95
96
97 </script>
98 </head>
99 <?php
100 $session_data = $this->session->userdata('logged_in');
101 $username = $session_data['username'];
102
103 $session_data2 = $this->session->userdata('has_error');
104 $invalid_input = $session_data2['invalid_input'];
105
106 if($invalid_input){
107   $servicedate2[] = $session_data2['servicedate'];
108   $rendered2[] = $session_data2['rendered'];
109   $fees2[] = $session_data2['fees'];
110 }
111
112 }
113
114 if($recordexist){
115   foreach($info as $row){
116     $servicedatetxt = $row['date'];
117     $renderedtxt = $row['services'];
118     $feestxt = $row['fees'];
119   }
120 }
121 $servicedate = explode("|", $servicedatetxt);
122 $rendered = explode("|", $renderedtxt);
123 $fees = explode("|", $feestxt);
124
125 }
126 ?>
127 <body>
128
129 <div class="maindiv">
130 <?php include('patient_header.php'); ?>
131
132 <div id="Content_Area">
133
134 <form id="ADDCONSULTATIONFINDINGS" name="
135   ADDCONSULTATIONFINDINGS" action="<?php
136   echo base_url();?>index.php/
137   verifyaddservicerendered" method="post">
138
139 <br><a href="<?php echo base_url();?>index.php/
140   loaddashboard/patientdb/<?php echo $id; ?>">
141   Dashboard </a> &nbsp; <a href="<?php echo
142   base_url();?>index.php/viewservicesrenderedversions"
143
144   > View Versions </a><br><br>
145 <div class="validationex" style="display: <?php if($this
146   ->session->userdata('has_error')) echo 'block'; else
147   'none' ?>;">
148 <?php $session_data = $this->session->userdata('
149   has_error');
150   echo $session_data['error'];
151 ?>
152 </div>
153 <div style="position: relative; text-align:right; color:
154   red; right: 5%;"><i>* means required</i></div>
155 <table id="service" frame="box" class="frame">
156 <tr class="header">
157 <td colspan=4>Services Rendered
158 </tr>
159 <tr>
160 <td>
161 <td>Date <font color='red'> * </font>
162 <td>Services Rendered <font color='red'> * </font>
163 <td>Fees <font color='red'> * </font>
164 </tr>
165 <?php
166 if($invalid_input){
167   $size = sizeof($servicedate2[0]);
168   for($i=0; $i<$size; $i++){
169     echo "<tr>
170     <td><input type='checkbox' name='\$i' id='ck\$i'
171     checked>
172     <td><input type='text' name='servicedate[]" class='
173     datepicker' id='servicedate.\$i' value='\".
174     $servicedate2[0][\$i].\">
175     <td><textarea name='rendered[]" id='rendered.\$i'
176     cols=50>\".$rendered2[0][\$i].\"</textarea>
177     <td><input type='text' name='fees[]" id='fees.\$i'
178     value='\".$fees2[0][\$i].\">
179     </tr>";
180   }
181 }
182 elseif($recordexist){
183   $size = sizeof($servicedate);
184   for($i=0; $i<$size; $i++){
185     echo "<tr>
186     <td><input type='checkbox' name='\$i' id='ck\$i'
187     checked>
188     <td><input type='text' name='servicedate[]" class='
189     datepicker' id='servicedate.\$i' value='\".
190     $servicedate[\$i].\">
191     <td><textarea name='rendered[]" id='rendered.\$i'
192     cols=50>\".$rendered[\$i].\"</textarea>
193     <td><input type='text' name='fees[]" id='fees.\$i'
194     value='\".$fees[\$i].\">
195     </tr>";
196   }
197 }
198 else{
199   echo "<tr>
200   <td><input type='checkbox' name='0' id='ck0'>
201   <td><input type='text' name='servicedate[0]' class='
202   datepicker' id='servicedate_0'>
203   <td><textarea name='rendered[]" id='rendered_0' cols
204   =50></textarea>
205   <td><input type='text' name='fees[]" id='fees_0'>
206   </tr>";
207 }
208 ?>
209 </table><br><br>
210 <input type="button" onClick="addService('service'"
211   value="Add Row">
212 <input type="button" onClick="deleteService('service'"
213   value="Delete Row/s"><br><br>
214 <input type="submit" value="Save"/> <input type="
215   reset" value="Clear entries"/>
216 </form>
217 </div>
218
219 </body>
220 </html>

```

Listing 114: servicesrenderedreadonlyview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='\"stylesheet\"' type='\"text/css\"' href='\"
6   \".base_url().\"css/style.css'>";
7
8 ?>
9 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
10   Transitional//EN" "http://www.w3.org/TR/xhtml1
11   /DTD/xhtml1-transitional.dtd">
12 <html xmlns="http://www.w3.org/1999/xhtml" >
13 <head>
14 <link href="<?php echo base_url(); ?>css/ui-lightness/

```

```

12   jquery-ui-1.10.3.custom.css" rel="stylesheet">
13 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
14   "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
16   -1.10.3.custom.js"></script>
17
18 <?php
19 $session_data = $this->session->userdata('logged_in');
20 $sect = $session_data['section'];
21 $section = "";
22 foreach($sect as $row){
23   if($row != "System Maintenance"){
24     $section = $row;
25     break;
26   }
27 }
28 ?>

```

```

27     <title>Services Rendered - <?php echo $section;
28     ?></title>
29 <link rel="shortcut icon" href="<?php echo base_url();
30     ?>images/upcd-20140224-favicon.ico">
31 <script type="text/javascript">
32
33 </script>
34 </head>
35 <?php
36 $session_data = $this->session->userdata('logged_in');
37 $username = $session_data['username'];
38
39 $session_data2 = $this->session->userdata('has_error');
40 $invalid_input = $session_data2['invalid_input'];
41
42 if ($recordexist){
43     foreach($info as $row){
44
45         $servicetext = $row['date'];
46         $renderedtext = $row['services'];
47         $feestxt = $row['fees'];
48     }
49 }
50
51 $servicetext = explode("|", $servicetext);
52 $rendered = explode("|", $renderedtext);
53 $fees = explode("|", $feestxt);
54 }
55 ?>
56 <body>
57
58 <div class="maindiv">
59 <?php include('patient_header.php'); ?>
60
61 <div id="Content_Area">
62
63 <center><a href="<?php echo base_url();?>index.php/
64     loaddashboard/patientdb/<?php echo $id; ?>">
65     Dashboard </a> &nbsp;  <a href="<?php echo
66     base_url();?>index.php/viewdentalchartversions">
67     View Versions </a><br><br></center><br><br>
68
69 <form id="ADDCONSULTATIONFINDINGS" name="
70     ADDCONSULTATIONFINDINGS" action="<?php
71     echo base_url();?>index.php/
72     verifyaddservicerendered" method="post">
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```

Listing 115: setappointmentview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
6     ".base_url()."css/style.css'>";
7 echo "<script type='text/javascript' src='".base_url()."
8     js/dynamic.js'></script>";
9 echo "<script type='text/javascript' src='".base_url()."
10     js/patientdb.js'></script>";
11
12 $session_data = $this->session->userdata('logged_in');
13 $sec = $session_data['section'];
14
15 $session_data2 = $this->session->userdata('has_error');
16 $invalid_input = $session_data2['invalid_input'];
17
18 $section = "";
19 foreach($sec as $row){
20     if($row != "System Maintenance"){
21         $section = $row;
22     }
23 }
24
25 $userID = "";
26 $uname = $session_data['username'];
27
28 $users = $this->user->getUserID($uname);
29 $userID = $users['userID'];
30
31 $name = "";
32 $sname = $this->user->getUserInfo($userID);
33 $sname = $sname['userFName']." ".substr(
34     $sname['userMName'], 0, 1)." ". $sname['
35     userLName'];
36
37 $id = $this->uri->segment(3);
38 ?>
39
40 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
41     Transitional//EN" "http://www.w3.org/TR/xhtml1
42     /DTD/xhtml1-transitional.dtd">
43 <html xmlns="http://www.w3.org/1999/xhtml">
44 <head>
45 <link href="<?php echo base_url(); ?>css/ui-lightness/
46     jquery-ui-1.10.3.custom.css" rel="stylesheet">
47 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
48     "></script>
49 <script src="<?php echo base_url(); ?>js/jquery-ui
50     -1.10.3.custom.js"></script>
51
52 <title>Set Appointment - <?php echo $section; ?></
53     title>
54 <link rel="shortcut icon" href="<?php echo base_url();
55     ?>images/upcd-20140224-favicon.ico">
56
57 <script>
58 var year = new Date().getFullYear();
59
60 $(function() {
61     $('.datepicker').each(function(){
62         $(this).datepicker({
63             dateFormat: 'yy-mm-dd',
64             showAnim: 'slideDown',
65             changeMonth: true,
66             changeYear: true,
67             yearRange: '1910:'+year,
68             minDate: 0
69         });
70     });
71 });
72

```

```

63 </script>
64
65 <script type="text/javascript">
66 function appoint(str){
67     document.getElementById('buttonx').value = str;
68     document.getElementById('SETAPPOINTMENT').
        submit();
69 }
70 </script>
71 </head>
72
73 <body>
74
75 <form name="SETAPPOINTMENT" id="
    SETAPPOINTMENT" method="post" onSubmit="
    <?php echo base_url().index.php/
    verifysetappointment;?>" action="<?php echo
    base_url().index.php/verifysetappointment;?>"
76
77 <div class="maindiv">
78
79     <?php include('patient_header.php'); ?>
80
81 <div class="validationexc" style="display: <?php if($this
    ->session->userdata('has_error')) echo 'block'; else
    'none' ?>;">
82     <?php $session_data = $this->session->userdata('
    has_error');
83     echo $session_data['error '];
84     ?>
85 </div>
86
87 <?php $id = $this->uri->segment(3); ?>
88
89 <input type="hidden" name="buttonx" id="buttonx">
90 <input type="hidden" name="id" id="id" value="<?php
    echo $id;?>">
91 <input type="hidden" name="user" value="<?php echo
    $userID; ?>">
92
93
94 <div style="position: relative; text-align:right; color:
    red; right: 5%;"><i>* means required</i></div>
95 <table frame="box" class="frame" style="width: 90%;">
96 <tr class="header">
97 <td colspan=2> Set Appointment
98 </tr>
99 <tr><td> &nbsp; </tr>
100 <tr>
101 <td> Date of Appointment <font color='red'>*</font
    >
102 <td> <input type="text" class="datepicker" id="
    appntmntdate" name="appntmntdate">
103 </tr>
104 <tr><td> &nbsp; </tr>
105 <tr>
106 <td> <b>Clinician</b>
107 <td> <?php echo $usersname;?>
108 </tr>
109 <tr><td> &nbsp; </tr>
110 </table><br>
111
112 <input type="button" name="sas" value="Save Date"
    onClick="appoint(this.name)"> &nbsp; <input
    type="button" name="skip" value="Skip" onClick
    ="appoint(this.name)">
113 <br><br>
114
115 </form>
116 </div>
117
118 </body>
119
120 </html>

```

Listing 116: statisticsview.php

```

1 <?php
2 include('header.php');
3
4 echo "<link rel='stylesheet' type='text/css' href='
    ".base_url().css/style.css">";
5 echo "<script type='text/javascript' src='".base_url
    ().js/patientdb.js"></script>";
6 ?>
7
8 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
9 <html xmlns="http://www.w3.org/1999/xhtml" >
10 <head>
11
12 <meta charset="utf-8">
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
    jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
    -1.10.3.custom.js"></script>
16
17 <?php
18 $session_data = $this->session->userdata('logged_in');
19 $sect = $session_data['section'];
20 $section = "";
21 foreach($sect as $row){
22     if($row != "System Maintenance"){
23         $section = $row;
24         break;
25     }
26 }
27 if($section == ""){
28     $section == "System Maintenance";
29 }
30
31 $session_data = $this->session->userdata('
    current_patient');
32 $id = $session_data['id'];
33 ?>
34
35 <title>Statistics - <?php echo $section; ?></title>
36 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
37 </script>
38
39 <script>
40
41 $(function() {
42     $("#datefrom").datepicker({
43         dateFormat: 'yy-mm-dd',
44         showAnim: 'slideDown',
45         changeMonth: true,
46         changeYear: true,
47         yearRange: '1910:2014',
48         onClose: function( selectedDate ) {
49             $("#dateto").datepicker( "option", "minDate",
50                 selectedDate );
51             });
52     });
53
54 $(function() {
55     $("#dateto").datepicker({
56         dateFormat: 'yy-mm-dd',
57         showAnim: 'slideDown',
58         changeMonth: true,
59         changeYear: true,
60         yearRange: '1910:2014',
61         onClose: function( selectedDate ) {
62             $("#datefrom").datepicker( "option", "maxDate",
63                 selectedDate );
64             });
65     });
66 </script>
67
68 <script type="text/javascript">
69
70 var OralDiag;
71 var OperDent;
72 var Prostho;
73 var OralMed;
74 var SysMain;
75
76 function goBack(){
77     window.history.back()
78 }
79
80
81 function visible (element, ODi, ODe, PD, OM, SM){
82     OralDiag = ODi;
83     OperDent = ODe;
84     Prostho = PD;
85     OralMed = OM;
86     SysMain = SM;
87
88     if (element == "sasections"){
89         if (document.getElementById(element).checked){
90             if (SM){
91                 document.getElementById('perio').checked = true;
92                 document.getElementById('ortho').checked = true;
93                 document.getElementById('pedo').checked = true;
94                 document.getElementById('cd').checked = true;
95                 document.getElementById('fpd').checked = true;
96                 document.getElementById('rpd').checked = true;
97                 document.getElementById('os').checked = true;
98                 document.getElementById('endo').checked = true;
99                 document.getElementById('resto').checked = true;
100             }
101             else if (ODe){
102                 document.getElementById('perio').checked = true;
103                 document.getElementById('os').checked = true;
104                 document.getElementById('endo').checked = true;
105             }
106             else if (PD){
107                 document.getElementById('ortho').checked = true;

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108     document.getElementById('pedo').checked = true;
109     document.getElementById('resto').checked = true;
110 }
111 else if(OM){
112     document.getElementById('cd').checked = true;
113     document.getElementById('fpd').checked = true;
114     document.getElementById('rpd').checked = true;
115 }
116 }
117 else{
118     if(SM){
119         document.getElementById('perio').checked = false;
120         document.getElementById('ortho').checked = false;
121         document.getElementById('pedo').checked = false;
122         document.getElementById('cd').checked = false;
123         document.getElementById('fpd').checked = false;
124         document.getElementById('rpd').checked = false;
125         document.getElementById('os').checked = false;
126         document.getElementById('endo').checked = false;
127         document.getElementById('resto').checked = false;
128     }
129     else if(ODe){
130         document.getElementById('perio').checked = false;
131         document.getElementById('os').checked = false;
132         document.getElementById('endo').checked = false;
133     }
134     else if(PD){
135         document.getElementById('ortho').checked = false;
136         document.getElementById('pedo').checked = false;
137         document.getElementById('resto').checked = false;
138     }
139     else if(OM){
140         document.getElementById('cd').checked = false;
141         document.getElementById('fpd').checked = false;
142         document.getElementById('rpd').checked = false;
143     }
144 }
145 }
146 else if(element == "sadentcond"){
147     if(document.getElementById(element).checked){
148         document.getElementById('caries').checked = true;
149         document.getElementById('extrusion').checked = true;
150         document.getElementById('compdnt').checked = true;
151         document.getElementById('impacted').checked = true;
152         document.getElementById('recurrent').checked = true;
153         document.getElementById('intrusion').checked = true;
154         document.getElementById('singdent').checked = true;
155         document.getElementById('missing').checked = true;
156         document.getElementById('restoration').checked =
157             true;
158         document.getElementById('mdr').checked = true;
159         document.getElementById('rempardent').checked =
160             true;
161         document.getElementById('acrcr').checked = true;
162         document.getElementById('pftm').checked = true;
163         document.getElementById('ddr').checked = true;
164         document.getElementById('pafs').checked = true;
165         document.getElementById('metcr').checked = true;
166         document.getElementById('rot').checked = true;
167         document.getElementById('rct').checked = true;
168         document.getElementById('pcc').checked = true;
169         document.getElementById('extracted').checked = true;
170         document.getElementById('unerupted').checked = true
171     }
172     ;
173     document.getElementById('porcr').checked = true;
174 }
175 }
176 else{
177     document.getElementById('caries').checked = false;
178     document.getElementById('extrusion').checked = false;
179     document.getElementById('compdnt').checked = false
180     ;
181     document.getElementById('impacted').checked = false;
182     document.getElementById('recurrent').checked = false;
183     document.getElementById('intrusion').checked = false;
184     document.getElementById('singdent').checked = false;
185     document.getElementById('missing').checked = false;
186     document.getElementById('restoration').checked =
187         false;
188     document.getElementById('mdr').checked = false;
189     document.getElementById('rempardent').checked =
190         false;
191     document.getElementById('acrcr').checked = false;
192     document.getElementById('pftm').checked = false;
193     document.getElementById('ddr').checked = false;
194     document.getElementById('pafs').checked = false;
195     document.getElementById('metcr').checked = false;
196     document.getElementById('rot').checked = false;
197     document.getElementById('rct').checked = false;
198     document.getElementById('pcc').checked = false;
199     document.getElementById('extracted').checked = false;
200     document.getElementById('unerupted').checked =
201         false;
202     document.getElementById('porcr').checked = false;
203 }
204 }
205 else if(element == "saservneed"){
206     if(document.getElementById(element).checked){
207         document.getElementById('mopd').checked = true;
208         document.getElementById('class1').checked = true;
209         document.getElementById('extraction').checked = true
210     }
211     ;
212     document.getElementById('pulsed').checked = true;
213     document.getElementById('class2').checked = true;
214     document.getElementById('odon').checked = true;
215     document.getElementById('roc').checked = true;
216     document.getElementById('class3').checked = true;
217     document.getElementById('specclass').checked = true;
218     document.getElementById('temfill').checked = true;
219     document.getElementById('class4').checked = true;
220     document.getElementById('pedodontics').checked =
221         true;
222     document.getElementById('moai').checked = true;
223     document.getElementById('class5').checked = true;
224     document.getElementById('orthodontics').checked =
225         true;
226     document.getElementById('moti').checked = true;
227     document.getElementById('onlay').checked = true;
228     document.getElementById('lamented').checked = true;
229     document.getElementById('completedenture').checked =
230         true;
231     document.getElementById('anterior').checked = true;
232     document.getElementById('singlecrown').checked =
233         true;
234     document.getElementById('singledenture').checked =
235         true;
236     document.getElementById('posterior').checked = true;
237     document.getElementById('bridge').checked = true;
238     document.getElementById('removablepartialdenture').
239         checked = true;
240 }
241 }
242 else{
243     document.getElementById('mopd').checked = false;
244     document.getElementById('class1').checked = false;
245     document.getElementById('extraction').checked =
246         false;
247     document.getElementById('pulsed').checked = false;
248     document.getElementById('class2').checked = false;
249     document.getElementById('odon').checked = false;
250     document.getElementById('roc').checked = false;
251     document.getElementById('class3').checked = false;
252     document.getElementById('specclass').checked = false;
253     document.getElementById('temfill').checked = false;
254     document.getElementById('class4').checked = false;
255     document.getElementById('pedodontics').checked =
256         false;
257     document.getElementById('moai').checked = false;
258     document.getElementById('class5').checked = false;
259     document.getElementById('orthodontics').checked =
260         false;
261     document.getElementById('moti').checked = false;
262     document.getElementById('onlay').checked = false;
263     document.getElementById('lamented').checked = false;
264     document.getElementById('completedenture').checked =
265         false;
266     document.getElementById('anterior').checked = false;
267     document.getElementById('singlecrown').checked =
268         false;
269     document.getElementById('singledenture').checked =
270         false;
271     document.getElementById('posterior').checked = false;
272     document.getElementById('bridge').checked = false;
273     document.getElementById('removablepartialdenture').
274         checked = false;
275 }
276 }
277 }
278 }
279 }
280 }
281 }
282 }
283 }
284 }
285 }
286 }
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274     disable_section (false, ODi, ODe, PD, OM, SM);
275 }
276 else{
277     document.getElementById('sasactions').disabled =
278         true;
279     document.getElementById('sadentcond').disabled =
280         true;
281     document.getElementById('saservneed').disabled =
282         true;
283     document.getElementById('demo2Or').disabled = true;
284     document.getElementById('demo2And').disabled =
285         true;
286     document.getElementById('demo3Or').disabled = true;
287     document.getElementById('demo3And').disabled =
288         true;
289     document.getElementById('sasactions').checked = false
290     ;
291     document.getElementById('sadentcond').checked =
292         false;
293     document.getElementById('saservneed').checked =
294         false;
295     document.getElementById('demo2Or').checked = false;
296     document.getElementById('demo2And').checked =
297         false;
298     document.getElementById('demo3Or').checked = false;
299     document.getElementById('demo3And').checked =
300         false;
301     visible ('sasactions');
302     disable_section (true, ODi, ODe, PD, OM, SM);
303     visible ('sadentcond');
304     disable_condition (true);
305     visible ('saservneed');
306     disable_service (true);
307 }
308 }
309 else if(element == "demo2Or" || element == "
310     demo2And"){
311     if(document.getElementById(element).checked){
312         document.getElementById('sadentcond').disabled =
313             false;
314         disable_condition (false);
315     }
316 }
317 else{
318     document.getElementById('sadentcond').disabled =
319         true;
320     document.getElementById('sadentcond').checked =
321         false;
322     visible ('sadentcond');
323     disable_condition (true);
324 }
325 }
326 }
327 }
328 }
329 }
330 }
331 }
332 }
333 }
334 }
335 }
336 }
337 }
338 function disable_section (bool, OralDiag, OperDent,
339     Prosth, OralMed, SysMain){
340     if(bool){
341         if(SysMain == "true"){
342             document.getElementById('perio').disabled = true;
343             document.getElementById('ortho').disabled = true;
344             document.getElementById('pedo').disabled = true;
345             document.getElementById('cd').disabled = true;
346             document.getElementById('fpd').disabled = true;
347             document.getElementById('rpd').disabled = true;
348             document.getElementById('os').disabled = true;
349             document.getElementById('endo').disabled = true;
350             document.getElementById('resto').disabled = true;
351         }
352         else if(OperDent == "true"){
353             document.getElementById('perio').disabled = true;
354             document.getElementById('ortho').disabled = true;
355             document.getElementById('pedo').disabled = true;
356             document.getElementById('resto').disabled = true;
357         }
358         else if(Prosth == "true"){
359             document.getElementById('ortho').disabled = true;
360             document.getElementById('pedo').disabled = true;
361             document.getElementById('resto').disabled = true;
362         }
363         else if(OralMed == "true"){
364             document.getElementById('cd').disabled = true;
365             document.getElementById('fpd').disabled = true;
366             document.getElementById('rpd').disabled = true;
367         }
368     }
369     else{
370         if(SysMain == "true"){
371             document.getElementById('perio').disabled = false;
372             document.getElementById('ortho').disabled = false;
373             document.getElementById('pedo').disabled = false;
374             document.getElementById('cd').disabled = false;
375             document.getElementById('fpd').disabled = false;
376             document.getElementById('rpd').disabled = false;
377             document.getElementById('os').disabled = false;
378             document.getElementById('endo').disabled = false;
379             document.getElementById('resto').disabled = false;
380         }
381         else if(OperDent == "true"){
382             document.getElementById('perio').disabled = false;
383             document.getElementById('ortho').disabled = false;
384             document.getElementById('os').disabled = false;
385             document.getElementById('endo').disabled = false;
386         }
387         else if(Prosth == "true"){
388             document.getElementById('ortho').disabled = false;
389             document.getElementById('pedo').disabled = false;
390             document.getElementById('resto').disabled = false;
391         }
392         else if(OralMed == "true"){
393             document.getElementById('cd').disabled = false;
394             document.getElementById('fpd').disabled = false;
395             document.getElementById('rpd').disabled = false;
396         }
397     }
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446     document.getElementById('porcr').disabled = false;
447 }
448 }
449
450 function disable_service (bool){
451     if(bool){
452         document.getElementById('mopd').disabled = true;
453         document.getElementById('class1').disabled = true;
454         document.getElementById('extraction').disabled = true;
455         document.getElementById('pulsed').disabled = true;
456         document.getElementById('class2').disabled = true;
457         document.getElementById('odon').disabled = true;
458         document.getElementById('roc').disabled = true;
459         document.getElementById('class3').disabled = true;
460         document.getElementById('specclass').disabled = true;
461         document.getElementById('temfill').disabled = true;
462         document.getElementById('class4').disabled = true;
463         document.getElementById('pedodontics').disabled =
464             true;
465         document.getElementById('moai').disabled = true;
466         document.getElementById('class5').disabled = true;
467         document.getElementById('orthodontics').disabled =
468             true;
469         document.getElementById('moti').disabled = true;
470         document.getElementById('onlay').disabled = true;
471         document.getElementById('lamented').disabled = true;
472         document.getElementById('completedenture').disabled
473             = true;
474         document.getElementById('anterior').disabled = true;
475         document.getElementById('singlecrown').disabled =
476             true;
477         document.getElementById('singledenture').disabled =
478             true;
479         document.getElementById('posterior').disabled = true;
480         document.getElementById('bridge').disabled = true;
481         document.getElementById('removablepartialdenture').
482             disabled = true;
483     }
484     else{
485         document.getElementById('mopd').disabled = false;
486         document.getElementById('class1').disabled = false;
487         document.getElementById('extraction').disabled = false
488             ;
489         document.getElementById('pulsed').disabled = false;
490         document.getElementById('class2').disabled = false;
491         document.getElementById('odon').disabled = false;
492         document.getElementById('roc').disabled = false;
493         document.getElementById('class3').disabled = false;
494         document.getElementById('specclass').disabled = false;
495         document.getElementById('temfill').disabled = false;
496         document.getElementById('class4').disabled = false;
497         document.getElementById('pedodontics').disabled =
498             false;
499         document.getElementById('moai').disabled = false;
500         document.getElementById('class5').disabled = false;
501         document.getElementById('orthodontics').disabled =
502             false;
503         document.getElementById('moti').disabled = false;
504         document.getElementById('onlay').disabled = false;
505         document.getElementById('lamented').disabled = false;
506         document.getElementById('completedenture').disabled
507             = false;
508         document.getElementById('anterior').disabled = false;
509         document.getElementById('singlecrown').disabled =
510             false;
511         document.getElementById('singledenture').disabled =
512             false;
513         document.getElementById('posterior').disabled = false;
514         document.getElementById('bridge').disabled = false;
515         document.getElementById('removablepartialdenture').
516             disabled = false;
517     }
518 }
519
520 </script>
521 </head>
522 <?php
523     $session_data = $this->session->userdata('logged.in');
524     $username = $session_data['username'];
525
526     $ODi = "false";
527     $ODE = "false";
528     $PDo = "false";
529     $OMe = "false";
530     $SMa = "false";
531     $sect = $session_data['section'];
532     foreach($sect as $row){
533         if($row == "System Maintenance") $SMa = "true";
534         if($row == "Oral Diagnosis") $ODi = "true";
535         if($row == "Operative Dentistry") $ODE = "true";
536         if($row == "Oral Medicine") $OMe = "true";
537         if($row == "Prosthodontics") $PDo = "true";
538     }
539     ?>
540 <body>
541 <br><br>
542 <div style="border: 2px #7F00FF solid; text-align: center
543
544     ; -moz-border-radius: 12px; border-radius: 12px;"
545     >
546 <h3 align="left" style="text-align: left; position: relative;" >
547     Statistics</h3>
548
549 <form id="SEARCHPATIENT" name="
550     SEARCHPATIENT" action="<?php echo base_url
551     ();?>index.php/statisticsreport" method="post">
552
553 <div class="validation" style="display:<?if(
554     validation_errors() == true) echo 'block'; else
555     echo 'none'?>">
556 <?php if(form_error('datefrom')) echo form_error('
557     datefrom');
558     elseif(form_error('dateto')) echo form_error('dateto');
559     ?>
560 </div>
561 <div style="position: relative; text-align:right; color:
562     red; right: 1%;"><i>* means required</i></div>
563
564 <table border="1" class="table" style="width:98%;
565     border-collapse: collapse;">
566 <thead>
567 <tr>
568 <th colspan="4" style="text-align: left; padding: 5px;">
569     Demographics
570 </tr>
571 <tr>
572 <td style="width: 25%; padding: 5px;">
573     Specify range of date <font color='red'>*</font
574 >
575 <td style="width: 25%; padding: 5px;">
576 <input type="text" class="datepicker" name="
577     datefrom" id="datefrom" placeholder="From"
578     value="<?php echo set_value('datefrom'); ?>">
579
580 <td style="width: 25%; padding: 5px;">
581 <input type="text" class="datepicker" name="dateto" id="dateto" class
582     ="datepicker" placeholder="To" value="<?php
583     echo set_value('dateto'); ?>">
584
585 <td style="width: 25%; padding: 5px;">
586 <input type="text" name="agefrom" placeholder="From" value="<?php echo set_value
587     ('agefrom'); ?>">
588
589 <td style="width: 25%; padding: 5px;">
590 <input type="text" name="ageto" placeholder="To"
591     value="<?php echo set_value('ageto'); ?>">
592
593 <td style="width: 25%; padding: 5px;">
594 <input type="text" name="citysearch" value="
595     <?php echo set_value('citysearch'); ?>">
596
597 </tr>
598 </thead>
599 <tbody>
600 <tr>
601 <td colspan="4" style="padding: 5px;">
602     Other Conditions (Using Demographics)</td>
603 </tr>
604 <tr>
605 <td style="width: 25%; padding: 5px;">
606 <input type="checkbox" name="demo1" id="demo1Or"
607     value="or" onClick="makeRadio(this.id);
608     enableDemos(this.id, '<?php echo $ODi; ?>', '<?
609     php echo $ODE; ?>', '<?php echo $PDo; ?>', '<?
610     php echo $OMe; ?>', '<?php echo $SMa; ?>');">
611
612     Or | <input type="checkbox" name="demo1" id
613     ="demo1And" value="and" onClick="makeRadio
614     (this.id);enableDemos(this.id, '<?php echo $ODi;
615     ?>', '<?php echo $ODE; ?>', '<?php echo $PDo;
616     ?>', '<?php echo $OMe; ?>', '<?php echo $SMa;
617     ?>');"> And
618
619 </td>
620 </tr>
621 </tbody>
622 </table>
623 <br>
624 <table border="1" class="table" style="width:98%; left
625     :1%;">
626 <thead>
627 <tr>
628 <th colspan="4" style="text-align: left; padding: 5px;">
629     Demographics
630 </tr>
631 <tr>
632 <td style="width: 25%; padding: 5px;">
633     Specify range of date <font color='red'>*</font
634 >
635 <td style="width: 25%; padding: 5px;">
636 <input type="text" class="datepicker" name="
637     datefrom" id="datefrom" placeholder="From"
638     value="<?php echo set_value('datefrom'); ?>">
639
640 <td style="width: 25%; padding: 5px;">
641 <input type="text" class="datepicker" name="dateto" id="dateto" class
642     ="datepicker" placeholder="To" value="<?php
643     echo set_value('dateto'); ?>">
644
645 <td style="width: 25%; padding: 5px;">
646 <input type="text" name="agefrom" placeholder="From" value="<?php echo set_value
647     ('agefrom'); ?>">
648
649 <td style="width: 25%; padding: 5px;">
650 <input type="text" name="ageto" placeholder="To"
651     value="<?php echo set_value('ageto'); ?>">
652
653 <td style="width: 25%; padding: 5px;">
654 <input type="text" name="citysearch" value="
655     <?php echo set_value('citysearch'); ?>">
656
657 </tr>
658 </thead>
659 <tbody>
660 <tr>
661 <td colspan="4" style="padding: 5px;">
662     Other Conditions (Using Demographics)</td>
663 </tr>
664 <tr>
665 <td style="width: 25%; padding: 5px;">
666 <input type="checkbox" name="demo1" id="demo1Or"
667     value="or" onClick="makeRadio(this.id);
668     enableDemos(this.id, '<?php echo $ODi; ?>', '<?
669     php echo $ODE; ?>', '<?php echo $PDo; ?>', '<?
670     php echo $OMe; ?>', '<?php echo $SMa; ?>');">
671
672     Or | <input type="checkbox" name="demo1" id
673     ="demo1And" value="and" onClick="makeRadio
674     (this.id);enableDemos(this.id, '<?php echo $ODi;
675     ?>', '<?php echo $ODE; ?>', '<?php echo $PDo;
676     ?>', '<?php echo $OMe; ?>', '<?php echo $SMa;
677     ?>');"> And
678
679 </td>
680 </tr>
681 </tbody>
682 </table>
683 <br>
684 <table border="1" class="table" style="width:98%; left
685     :1%;">
686 <thead>
687 <tr>
688 <th colspan="4" style="text-align: left; padding: 5px;">
689     Demographics
690 </tr>
691 <tr>
692 <td style="width: 25%; padding: 5px;">
693     Specify range of date <font color='red'>*</font
694 >
695 <td style="width: 25%; padding: 5px;">
696 <input type="text" class="datepicker" name="
697     datefrom" id="datefrom" placeholder="From"
698     value="<?php echo set_value('datefrom'); ?>">
699
700 <td style="width: 25%; padding: 5px;">
701 <input type="text" class="datepicker" name="dateto" id="dateto" class
702     ="datepicker" placeholder="To" value="<?php
703     echo set_value('dateto'); ?>">
704
705 <td style="width: 25%; padding: 5px;">
706 <input type="text" name="agefrom" placeholder="From" value="<?php echo set_value
707     ('agefrom'); ?>">
708
709 <td style="width: 25%; padding: 5px;">
710 <input type="text" name="ageto" placeholder="To"
711     value="<?php echo set_value('ageto'); ?>">
712
713 <td style="width: 25%; padding: 5px;">
714 <input type="text" name="citysearch" value="
715     <?php echo set_value('citysearch'); ?>">
716
717 </tr>
718 </thead>
719 <tbody>
720 <tr>
721 <td colspan="4" style="padding: 5px;">
722     Other Conditions (Using Demographics)</td>
723 </tr>
724 <tr>
725 <td style="width: 25%; padding: 5px;">
726 <input type="checkbox" name="demo1" id="demo1Or"
727     value="or" onClick="makeRadio(this.id);
728     enableDemos(this.id, '<?php echo $ODi; ?>', '<?
729     php echo $ODE; ?>', '<?php echo $PDo; ?>', '<?
730     php echo $OMe; ?>', '<?php echo $SMa; ?>');">
731
732     Or | <input type="checkbox" name="demo1" id
733     ="demo1And" value="and" onClick="makeRadio
734     (this.id);enableDemos(this.id, '<?php echo $ODi;
735     ?>', '<?php echo $ODE; ?>', '<?php echo $PDo;
736     ?>', '<?php echo $OMe; ?>', '<?php echo $SMa;
737     ?>');"> And
738
739 </td>
740 </tr>
741 </tbody>
742 </table>
743 <br>
744 <table border="1" class="table" style="width:98%; left
745     :1%;">
746 <thead>
747 <tr>
748 <th colspan="4" style="text-align: left; padding: 5px;">
749     Demographics
750 </tr>
751 <tr>
752 <td style="width: 25%; padding: 5px;">
753     Specify range of date <font color='red'>*</font
754 >
755 <td style="width: 25%; padding: 5px;">
756 <input type="text" class="datepicker" name="
757     datefrom" id="datefrom" placeholder="From"
758     value="<?php echo set_value('datefrom'); ?>">
759
760 <td style="width: 25%; padding: 5px;">
761 <input type="text" class="datepicker" name="dateto" id="dateto" class
762     ="datepicker" placeholder="To" value="<?php
763     echo set_value('dateto'); ?>">
764
765 <td style="width: 25%; padding: 5px;">
766 <input type="text" name="agefrom" placeholder="From" value="<?php echo set_value
767     ('agefrom'); ?>">
768
769 <td style="width: 25%; padding: 5px;">
770 <input type="text" name="ageto" placeholder="To"
771     value="<?php echo set_value('ageto'); ?>">
772
773 <td style="width: 25%; padding: 5px;">
774 <input type="text" name="citysearch" value="
775     <?php echo set_value('citysearch'); ?>">
776
777 </tr>
778 </thead>
779 <tbody>
780 <tr>
781 <td colspan="4" style="padding: 5px;">
782     Other Conditions (Using Demographics)</td>
783 </tr>
784 <tr>
785 <td style="width: 25%; padding: 5px;">
786 <input type="checkbox" name="demo1" id="demo1Or"
787     value="or" onClick="makeRadio(this.id);
788     enableDemos(this.id, '<?php echo $ODi; ?>', '<?
789     php echo $ODE; ?>', '<?php echo $PDo; ?>', '<?
790     php echo $OMe; ?>', '<?php echo $SMa; ?>');">
791
792     Or | <input type="checkbox" name="demo1" id
793     ="demo1And" value="and" onClick="makeRadio
794     (this.id);enableDemos(this.id, '<?php echo $ODi;
795     ?>', '<?php echo $ODE; ?>', '<?php echo $PDo;
796     ?>', '<?php echo $OMe; ?>', '<?php echo $SMa;
797     ?>');"> And
798
799 </td>
800 </tr>
801 </tbody>
802 </table>
803 <br>
804 <table border="1" class="table" style="width:98%; left
805     :1%;">
806 <thead>
807 <tr>
808 <th colspan="4" style="text-align: left; padding: 5px;">
809     Demographics
810 </tr>
811 <tr>
812 <td style="width: 25%; padding: 5px;">
813     Specify range of date <font color='red'>*</font
814 >
815 <td style="width: 25%; padding: 5px;">
816 <input type="text" class="datepicker" name="
817     datefrom" id="datefrom" placeholder="From"
818     value="<?php echo set_value('datefrom'); ?>">
819
820 <td style="width: 25%; padding: 5px;">
821 <input type="text" class="datepicker" name="dateto" id="dateto" class
822     ="datepicker" placeholder="To" value="<?php
823     echo set_value('dateto'); ?>">
824
825 <td style="width: 25%; padding: 5px;">
826 <input type="text" name="agefrom" placeholder="From" value="<?php echo set_value
827     ('agefrom'); ?>">
828
829 <td style="width: 25%; padding: 5px;">
830 <input type="text" name="ageto" placeholder="To"
831     value="<?php echo set_value('ageto'); ?>">
832
833 <td style="width: 25%; padding: 5px;">
834 <input type="text" name="citysearch" value="
835     <?php echo set_value('citysearch'); ?>">
836
837 </tr>
838 </thead>
839 <tbody>
840 <tr>
841 <td colspan="4" style="padding: 5px;">
842     Other Conditions (Using Demographics)</td>
843 </tr>
844 <tr>
845 <td style="width: 25%; padding: 5px;">
846 <input type="checkbox" name="demo1" id="demo1Or"
847     value="or" onClick="makeRadio(this.id);
848     enableDemos(this.id, '<?php echo $ODi; ?>', '<?
849     php echo $ODE; ?>', '<?php echo $PDo; ?>', '<?
850     php echo $OMe; ?>', '<?php echo $SMa; ?>');">
851
852     Or | <input type="checkbox" name="demo1" id
853     ="demo1And" value="and" onClick="makeRadio
854     (this.id);enableDemos(this.id, '<?php echo $ODi;
855     ?>', '<?php echo $ODE; ?>', '<?php echo $PDo;
856     ?>', '<?php echo $OMe; ?>', '<?php echo $SMa;
857     ?>');"> And
858
859 </td>
860 </tr>
861 </tbody>
862 </table>
863 <br>
864 <table border="1" class="table" style="width:98%; left
865     :1%;">
866 <thead>
867 <tr>
868 <th colspan="4" style="text-align: left; padding: 5px;">
869     Demographics
870 </tr>
871 <tr>
872 <td style="width: 25%; padding: 5px;">
873     Specify range of date <font color='red'>*</font
874 >
875 <td style="width: 25%; padding: 5px;">
876 <input type="text" class="datepicker" name="
877     datefrom" id="datefrom" placeholder="From"
878     value="<?php echo set_value('datefrom'); ?>">
879
880 <td style="width: 25%; padding: 5px;">
881 <input type="text" class="datepicker" name="dateto" id="dateto" class
882     ="datepicker" placeholder="To" value="<?php
883     echo set_value('dateto'); ?>">
884
885 <td style="width: 25%; padding: 5px;">
886 <input type="text" name="agefrom" placeholder="From" value="<?php echo set_value
887     ('agefrom'); ?>">
888
889 <td style="width: 25%; padding: 5px;">
890 <input type="text" name="ageto" placeholder="To"
891     value="<?php echo set_value('ageto'); ?>">
892
893 <td style="width: 25%; padding: 5px;">
894 <input type="text" name="citysearch" value="
895     <?php echo set_value('citysearch'); ?>">
896
897 </tr>
898 </thead>
899 <tbody>
900 <tr>
901 <td colspan="4" style="padding: 5px;">
902     Other Conditions (Using Demographics)</td>
903 </tr>
904 <tr>
905 <td style="width: 25%; padding: 5px;">
906 <input type="checkbox" name="demo1" id="demo1Or"
907     value="or" onClick="makeRadio(this.id);
908     enableDemos(this.id, '<?php echo $ODi; ?>', '<?
909     php echo $ODE; ?>', '<?php echo $PDo; ?>', '<?
910     php echo $OMe; ?>', '<?php echo $SMa; ?>');">
911
912     Or | <input type="checkbox" name="demo1" id
913     ="demo1And" value="and" onClick="makeRadio
914     (this.id);enableDemos(this.id, '<?php echo $ODi;
915     ?>', '<?php echo $ODE; ?>', '<?php echo $PDo;
916     ?>', '<?php echo $OMe; ?>', '<?php echo $SMa;
917     ?>');"> And
918
919 </td>
920 </tr>
921 </tbody>
922 </table>
923 <br>
924 <table border="1" class="table" style="width:98%; left
925     :1%;">
926 <thead>
927 <tr>
928 <th colspan="4" style="text-align: left; padding: 5px;">
929     Demographics
930 </tr>
931 <tr>
932 <td style="width: 25%; padding: 5px;">
933     Specify range of date <font color='red'>*</font
934 >
935 <td style="width: 25%; padding: 5px;">
936 <input type="text" class="datepicker" name="
937     datefrom" id="datefrom" placeholder="From"
938     value="<?php echo set_value('datefrom'); ?>">
939
940 <td style="width: 25%; padding: 5px;">
941 <input type="text" class="datepicker" name="dateto" id="dateto" class
942     ="datepicker" placeholder="To" value="<?php
943     echo set_value('dateto'); ?>">
944
945 <td style="width: 25%; padding: 5px;">
946 <input type="text" name="agefrom" placeholder="From" value="<?php echo set_value
947     ('agefrom'); ?>">
948
949 <td style="width: 25%; padding: 5px;">
950 <input type="text" name="ageto" placeholder="To"
951     value="<?php echo set_value('ageto'); ?>">
952
953 <td style="width: 25%; padding: 5px;">
954 <input type="text" name="citysearch" value="
955     <?php echo set_value('citysearch'); ?>">
956
957 </tr>
958 </thead>
959 <tbody>
960 <tr>
961 <td colspan="4" style="padding: 5px;">
962     Other Conditions (Using Demographics)</td>
963 </tr>
964 <tr>
965 <td style="width: 25%; padding: 5px;">
966 <input type="checkbox" name="demo1" id="demo1Or"
967     value="or" onClick="makeRadio(this.id);
968     enableDemos(this.id, '<?php echo $ODi; ?>', '<?
969     php echo $ODE; ?>', '<?php echo $PDo; ?>', '<?
970     php echo $OMe; ?>', '<?php echo $SMa; ?>');">
971
972     Or | <input type="checkbox" name="demo1" id
973     ="demo1And" value="and" onClick="makeRadio
974     (this.id);enableDemos(this.id, '<?php echo $ODi;
975     ?>', '<?php echo $ODE; ?>', '<?php echo $PDo;
976     ?>', '<?php echo $OMe; ?>', '<?php echo $SMa;
977     ?>');"> And
978
979 </td>
980 </tr>
981 </tbody>
982 </table>
983 <br>
984 <table border="1" class="table" style="width:98%; left
985     :1%;">
986 <thead>
987 <tr>
988 <th colspan="4" style="text-align: left; padding: 5px;">
989     Demographics
990 </tr>
991 <tr>
992 <td style="width: 25%; padding: 5px;">
993     Specify range of date <font color='red'>*</font
994 >
995 <td style="width: 25%; padding: 5px;">
996 <input type="text" class="datepicker" name="
997     datefrom" id="datefrom" placeholder="From"
998     value="<?php echo set_value('datefrom'); ?>">
999
1000 <td style="width: 25%; padding: 5px;">
1001 <input type="text" class="datepicker" name="dateto" id="dateto" class
1002     ="datepicker" placeholder="To" value="<?php
1003     echo set_value('dateto'); ?>">
1004
1005 <td style="width: 25%; padding: 5px;">
1006 <input type="text" name="agefrom" placeholder="From" value="<?php echo set_value
1007     ('agefrom'); ?>">
1008
1009 <td style="width: 25%; padding: 5px;">
1010 <input type="text" name="ageto" placeholder="To"
1011     value="<?php echo set_value('ageto'); ?>">
1012
1013 <td style="width: 25%; padding: 5px;">
1014 <input type="text" name="citysearch" value="
1015     <?php echo set_value('citysearch'); ?>">
1016
1017 </tr>
1018 </thead>
1019 <tbody>
1020 <tr>
1021 <td colspan="4" style="padding: 5px;">
1022     Other Conditions (Using Demographics)</td>
1023 </tr>
1024 <tr>
1025 <td style="width: 25%; padding: 5px;">
1026 <input type="checkbox" name="demo1" id="demo1Or"
1027     value="or" onClick="makeRadio(this.id);
1028     enableDemos(this.id, '<?php echo $ODi; ?>', '<?
1029     php echo $ODE; ?>', '<?php echo $PDo; ?>', '<?
1030     php echo $OMe; ?>', '<?php echo $SMa; ?>');">
1031
1032     Or | <input type="checkbox" name="demo1" id
1033     ="demo1And" value="and" onClick="makeRadio
1034     (this.id);enableDemos(this.id, '<?php echo $ODi;
1035     ?>', '<?php echo $ODE; ?>', '<?php echo $PDo;
1036     ?>', '<?php echo $OMe; ?>', '<?php echo $SMa;
1037     ?>');"> And
1038
1039 </td>
1040 </tr>
1041 </tbody>
1042 </table>

```

```

595 if(!in_array("Oral Diagnosis", $section) || in_array("
596 System Maintenance", $section)){
597     <tr class=header>
598     <td colspan=3>Sections
599     <td style='text-align:right;'><input type='checkbox'
600     id='sasactions' onClick='visible(this.id, $ODi,
601     $ODE, $PDo, $OMe, $SMa)' disabled> Select All
602 </tr>;
603 if($OD || $SM) echo "<td><b>Operative Dentistry</b>";
604 if($OM || $SM) echo "<td><b>Oral Medicine</b>";
605 if($PD || $SM) echo "<td><b>Prosthodontics</b>";
606 echo "<td>";
607 </tr>;
608 if($OD || $SM) echo "<td><input type='checkbox'
609     name='perio' id='perio' value='Yes' disabled>
610     Periodontics";
611 if($OM || $SM) echo "<td><input type='checkbox'
612     name='rpd' id='rpd' value='Yes' disabled>
613     Removable Prosthodontics";
614 if($PD || $SM) echo "<td><input type='checkbox'
615     name='ortho' id='ortho' value='Yes' disabled>
616     Orthodontics";
617 echo "<td>";
618 </tr>";
619 <tr>;
620 if($OD || $SM) echo "<td><input type='checkbox'
621     name='os' id='os' value='Yes' disabled>Oral
622     Surgery";
623 if($OM || $SM) echo "<td><input type='checkbox'
624     name='fpd' id='fpd' value='Yes' disabled>Fixed
625     Partial Prosthodontics";
626 if($PD || $SM) echo "<td><input type='checkbox'
627     name='pedo' id='pedo' value='Yes' disabled>
628     Pedodontics";
629 echo "<td>";
630 </tr>";
631 if($OD || $SM) echo "<td><input type='checkbox'
632     name='endo' id='endo' value='Yes' disabled>
633     Endodontics";
634 if($OM || $SM) echo "<td><input type='checkbox'
635     name='cd' id='cd' value='Yes' disabled>
636     Complete Denture";
637 if($PD || $SM) echo "<td><input type='checkbox'
638     name='resto' id='resto' value='Yes' disabled>
639     Restorative Dentistry";
640 echo "<td>";
641 </tr>";
642 <tr>";
643 <td colspan=4>&nbsp;";
644 </tr>";
645 </table>;";
646 }
647 ?>
648 <br>
649 <table frame="box" class="frame" style="width:98%; left
650 :1%;">
651 <tr class="header">
652 <td colspan=3>Services Needed
653 <td style='text-align:right;'><input type="checkbox"
654     name="servdemo[]" id="demo3Or" value="or"
655     onClick="makeRadio(this.id); enableDemos(this.
656     id, '<?php echo $ODi; ?>', '<?php echo $ODE;
657     ?>', '<?php echo $PDo; ?>', '<?php echo $OMe;
658     ?>', '<?php echo $SMa; ?>');" disabled> Or | <
659     input type="checkbox" name="servdemo[]" value
660     ="and" id="demo3And" onClick="makeRadio(
661     this.id); enableDemos(this.id, '<?php echo $ODi;
662     ?>', '<?php echo $ODE; ?>', '<?php echo $PDo;
663     ?>', '<?php echo $OMe; ?>', '<?php echo $SMa;
664     ?>');" disabled> And | <input type="checkbox"
665     name="saservneed" id="saservneed" onClick="
666     visible(this.name, '<?php echo $ODi; ?>', '<?php
667     echo $ODE; ?>', '<?php echo $PDo; ?>', '<?php
668     echo $OMe; ?>', '<?php echo $SMa; ?>');"
669     disabled> Select All
670 </tr>
671 <tr>
672 <td colspan=4><u>Periodontics</u>
673 <tr>
674 <td colspan=4><input type="checkbox" name="mopd
675 " id="mopd" value="Yes" disabled>Management
676 of Periodontal Disease
677 </tr>
678 <tr>
679 <td><br><u>Operative Dentistry</u>
680 <td><br><u>Surgery</u>
681 <td><br><u>Emergency Treatment</u>
682 </tr>
683 <tr>
684 <td><input type="checkbox" name="class1" id="
685     class1" value="Yes" disabled>Class I
686 <td><input type="checkbox" name="extraction" id="
687     extraction" value="Yes" disabled>Extraction
688 <td><input type="checkbox" name="pulsed" id="
689     pulsed" value="Yes" disabled>Pulp Sedation
690 <td>
691 </tr>
692 <tr>
693 <td><input type="checkbox" name="class2" id="
694     class2" value="Yes" disabled>Class II
695 <td><input type="checkbox" name="odon" id="odon

```


706	<td><input type="checkbox" name="roc" id="roc" value="Yes" disabled>Recementation of Crowns	737	<td><u>Fixed Partial Denture</u>
707	<td>	738	<td><u>Prosthodontics</u>
708	</tr>	739	<td><u>Endodontics</u>
709	<tr>	740	<td>
710	<td><input type="checkbox" name="class3" id="class3" value="Yes" disabled>Class III	741	</tr>
711	<td><input type="checkbox" name="specclass" id="specclass" value="Yes" disabled>Special Class	742	<tr>
712	<td><input type="checkbox" name="temfill" id="temfill" value="Yes" disabled>Temporary Fillings	743	<td><input type="checkbox" name="lamented" id="lamented" value="Yes" disabled>Laminated
713	<td>	744	<td><input type="checkbox" name="completedenture" id="completedenture" value="Yes" disabled>Complete Denture
714	</tr>	745	<td><input type="checkbox" name="anterior" id="anterior" value="Yes" disabled>Anterior
715	<tr>	746	<td>
716	<td><input type="checkbox" name="class4" id="class4" value="Yes" disabled>Class IV	747	</tr>
717	<td><input type="checkbox" name="pedodontics" id="pedodontics" value="Yes" disabled>Pedodontics	748	<tr>
718	<td><input type="checkbox" name="moai" id="moai" value="Yes" disabled>Management of Acute Infections	749	<td><input type="checkbox" name="singlecrown" id="singlecrown" value="Yes" disabled>Single Crown
719	<td>	750	<td><input type="checkbox" name="singledenture" id="singledenture" value="Yes" disabled>Single Denture
720	</tr>	751	<td><input type="checkbox" name="posterior" id="posterior" value="Yes" disabled>Posterior
721	<tr>	752	<td>
722	<td><input type="checkbox" name="class5" id="class5" value="Yes" disabled>Class V	753	</tr>
723	<td><input type="checkbox" name="orthodontics" id="orthodontics" value="Yes" disabled>Orthodontics	754	<tr>
724	<td><input type="checkbox" name="moti" id="moti" value="Yes" disabled>Management of Temporary Injuries	755	<td><input type="checkbox" name="bridge" id="bridge" value="Yes" disabled>Bridge
725	<td>	756	<td><input type="checkbox" name="removablepartialdenture" id="removablepartialdenture" value="Yes" disabled>Removable Partial Denture
726	</tr>	757	<td>
727	<tr>	758	<td>
728	<td><input type="checkbox" name="onlay" id="onlay" value="Yes" disabled>Onlay	759	</tr>
729	<td>	760	</table>
730	<td>	761	<td><input type="submit" value="Generate Report"/>
731	<td>	762	<input type="reset" value="Clear entries"/> <input type="button" value="Go Back" onClick="goBack()">
732	</tr>	763	</form>
733	<tr>	764	</div>
734	<td colspan=4> 	765	</body>
735	</tr>	766	</html>
736	<tr>	767	</html>

Listing 117: statisticsreportview.php

1	<?php	39	
2	include('header.php');	40	
3	include('navigation.php');	41	</script>
4		42	</head>
5	echo "<link rel='stylesheet' type='text/css' href='".base_url()."css/style.css'>";	43	<?php
6	echo "<script type='text/javascript' src='".base_url()."js/dynamic.js'></script>";	44	
7	echo "<script type='text/javascript' src='".base_url()."js/patientdb.js'></script>";	45	\$session_data = \$this->session->userdata('logged_in');
8	?	46	\$username = \$session_data['username'];
9		47	?
10	<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">	48	<body>
11	<html xmlns="http://www.w3.org/1999/xhtml">	49	
12	<head>	50	
13	<link href="<?php echo base_url(); ?>css/ui-lightness/jquery-ui-1.10.3.custom.css" rel="stylesheet">	51	<div class="validation" style="display:<?php if(validation_errors() == true) echo 'block'; else echo 'none'?>">
14	<script src="<?php echo base_url(); ?>js/jquery-1.9.1.js"></script>	52	<?php echo validation_errors(); ?>
15	<script src="<?php echo base_url(); ?>js/jquery-ui-1.10.3.custom.js"></script>	53	</div>
16		54	<div class="maindiv">
17	<?php	55	<h3 align="left" style="text-align:left: 1%;position: relative ;">
18	\$session_data = \$this->session->userdata('logged_in');	56	Statistics</h3>
19	\$sect = \$session_data['section'];	57	
20	\$section = "";	58	<div align="left" style="text-align:left:1%; position: relative ;">
21	foreach(\$sect as \$row){	59	><a href="<?php echo base_url(); ?>index.php/viewstat">Go Back</div>
22	if(\$row != "System Maintenance"){	60	
23	\$section = \$row;	61	<table frame="box" class="frame alttable" style="width:98%; left:1%;">
24	break;	62	<tr class="header">
25	}	63	<td colspan=6> Patients registered from <?php echo \$datefrom;?> to <?php echo \$dateto; ?>
26	}	64	</tr>
27	if(\$section == ""){	65	<?php
28	\$section = "System Maintenance";	66	\$femaleCount = 0;
29	}	67	\$maleCount = 0;
30		68	foreach(\$datematch as \$row){
31	\$session_data = \$this->session->userdata('current_patient');	69	if(\$row['gender'] == "Female" && strtotime(\$row['date'])>=strtotime(\$datefrom) && strtotime(\$row['date'])<=strtotime(\$dateto)){
32	\$id = \$session_data['id'];	70	\$femaleCount++;
33		71	}
34	?	72	elseif(\$row['gender'] == "Male" && strtotime(\$row['date'])>=strtotime(\$datefrom) && strtotime(\$row['date'])<=strtotime(\$dateto)){
35		73	\$maleCount++;
36	<title>Statistics - <?php echo \$section; ?></title>	74	}
37	<link rel="shortcut icon" href="<?php echo base_url(); ?>images/upcd-20140224-favicon.ico">	75	\$totalCount = \$femaleCount + \$maleCount;
38	<script type="text/javascript">	76	?
		77	<tr>

```

78 <td> Number of Females
79 <td> <?php echo $femaleCount; ?>
80 <td> <?php if($totalCount == 0) echo "0%"; else
    echo (round(($femaleCount/$totalCount)*100))."
    %"; ?>
81 </tr>
82 <tr>
83 <td> Number of Males
84 <td> <?php echo $maleCount; ?>
85 <td> <?php if($totalCount == 0) echo "0%"; else
    echo (round(($maleCount/$totalCount)*100))."
    %"; ?>
86 </tr>
87 <?php
88
89 if($agexfrom != '' && $agexto != ''){
90     echo "<tr>
91         <td> &nbsp;";
92     </tr>";
93
94     echo "<tr>
95         <td><b> AGE GROUP ($agefrom - $ageto) </b>
96         </tr>";
97         $femaleage = 0;
98         $maleage = 0;
99         $totalage = 0;
100     if($patientmatch){
101         foreach($patientmatch as $row){
102             if($row['gender'] == "Female" && $row['age'] >=
                $agefrom && $row['age'] <= $ageto &&
                strtotime($row['date'])>=strtotime(
                $datefrom) && strtotime($row['date'])<=
                strtotime($dateto)){
103                 $femaleage++;
104                 $totalage++;
105             }
106             if($row['gender'] == "Male" && $row['age'] >=
                $agefrom && $row['age'] <= $ageto &&
                strtotime($row['date'])>=strtotime(
                $datefrom) && strtotime($row['date'])<=
                strtotime($dateto)){
107                 $maleage++;
108                 $totalage++;
109             }
110         }
111     }
112
113     echo "<tr>
114         <td> Number of Females
115         <td> $femaleage
116         <td> ";
117         if($totalage == 0) echo "0%"; else echo round((
            $femaleage/$totalage)*100)."%";
118     echo "</tr>
119     <tr>
120         <td> Number of Males
121         <td> $maleage
122         <td> ";
123         if($totalage == 0) echo "0%"; else echo round((
            $maleage/$totalage)*100)."%";
124     echo "</tr>";
125 }
126
127
128 if($city != ''){
129     echo "<tr>
130         <td> &nbsp;";
131     </tr>";
132
133     echo "<tr>
134         <td><b> CITY ($city) </b>
135         </tr>";
136         $femalecity = 0;
137         $malecity = 0;
138         $totalcity = 0;
139     if($patientmatch){
140         foreach($patientmatch as $row){
141             if($row['gender'] == "Female" && $row['city'] ==
                $city && strtotime($row['date'])>=strtotime(
                $datefrom) && strtotime($row['date'])<=
                strtotime($dateto)){
142                 $femalecity++;
143                 $totalcity++;
144             }
145             if($row['gender'] == "Male" && $row['city'] ==
                $city && strtotime($row['date'])>=strtotime(
                $datefrom) && strtotime($row['date'])<=
                strtotime($dateto)){
146                 $malecity++;
147                 $totalcity++;
148             }
149         }
150     }
151
152     echo "<tr>
153         <td> Number of Females
154         <td> $femalecity
155         <td> ";
156         if($totalcity == 0) echo "0%"; else echo round((
            $femalecity/$totalcity)*100)."%";
157     echo "</tr>
158     <tr>
159         <td> Number of Males
160         <td> $malecity
161         <td> ";
162         if($totalcity == 0) echo "0%"; else echo round((
            $malecity/$totalcity)*100)."%";
163     echo "</tr>";
164 }
165 ?>
166 </table><br>
167
168 <table frame="box" class="frame alttable" style="width
    :98%; left:1%; ">
169 <tr class="header">
170 <td colspan=2 class="noborder">Other Conditions (
    Using Demographics) (<?php echo $choice1; ?>)
171 </td>
172 </table><br>
173
174 <?php
175 if($secChoice == "Yes"){
176     echo "<table frame='box' class='frame alttable' style='
    width:98%; left:1%; text-align:center;'>
177     <tr class='header'>
178         <td colspan=9 class='noborder' style='text-align:left
    ;">Sections </td>
179     </tr>
180     <tr style='text-align:center;'>
181         <td><b> Conditions </b>
182         <td><b> # of <br>Cases </b>
183         <td><b> Females </b>
184         <td><b> % <br>Females </b>
185         <td><b> Males </b>
186         <td><b> % <br>Males </b>
187         <td><b> Females <br>(over total <br>females)
            </b>
188         <td><b> % Males <br>(over total <br>males) </b>
189         <td><b> % Cases <br>(over total <br>patients) </b>
190     </tr>";
191
192
193     $perioCount = 0;
194     $osCount = 0;
195     $sendoCount = 0;
196     $rpdCount = 0;
197     $fpdCount = 0;
198     $cdCount = 0;
199     $orthoCount = 0;
200     $pedoCount = 0;
201     $restoCount = 0;
202     $perioMCount = 0;
203     $osMCount = 0;
204     $sendoMCount = 0;
205     $rpdMCount = 0;
206     $fpdMCount = 0;
207     $cdMCount = 0;
208     $orthoMCount = 0;
209     $pedoMCount = 0;
210     $restoMCount = 0;
211     $perioFCount = 0;
212     $osFCount = 0;
213     $sendoFCount = 0;
214     $rpdFCount = 0;
215     $fpdFCount = 0;
216     $cdFCount = 0;
217     $orthoFCount = 0;
218     $pedoFCount = 0;
219     $restoFCount = 0;
220
221     if($patientmatch){
222         foreach ($patientmatch as $row){
223             if($perio == 'Yes' && $row['perio'] == 'Yes' &&
                strtotime($row['date'])>=strtotime($datefrom)
                && strtotime($row['date'])<=strtotime($dateto)
                ){
224                 $perioCount++;
225                 if($row['gender'] == 'Female') $perioFCount++;
226                 elseif($row['gender'] == 'Male') $perioMCount++;
227             }
228             if($os == 'Yes' && $row['os'] == 'Yes' && strtotime(
                $row['date'])>=strtotime($datefrom) &&
                strtotime($row['date'])<=strtotime($dateto)){
229                 $osCount++;
230                 if($row['gender'] == 'Female') $osFCount++;
231                 elseif($row['gender'] == 'Male') $osMCount++;
232             }
233             if($sendo == 'Yes' && $row['endo'] == 'Yes' &&
                strtotime($row['date'])>=strtotime($datefrom)
                && strtotime($row['date'])<=strtotime($dateto)
                ){
234                 $sendoCount++;
235                 if($row['gender'] == 'Female') $sendoFCount++;
236                 elseif($row['gender'] == 'Male') $sendoMCount++;
237             }
238             if($rpd == 'Yes' && $row['rpd'] == 'Yes' &&

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                strtotime($row['date'])>=strtotime($datefrom) 311
                && strtotime($row['date'])<=strtotime($dateto)
            )){
239 $rpdCount++;
240 if($row['gender'] == 'Female') $rpdFCount++;
241 elseif($row['gender'] == 'Male') $rpdMCount++;
242 }
243 if($fpd == 'Yes' && $row['fpd'] == 'Yes' &&
                strtotime($row['date'])>=strtotime($datefrom)
                && strtotime($row['date'])<=strtotime($dateto)
            )){
244 $fpdCount++;
245 if($row['gender'] == 'Female') $fpdFCount++;
246 elseif($row['gender'] == 'Male') $fpdMCount++;
247 }
248 if($scd == 'Yes' && $row['cd'] == 'Yes' && strtotime(
                $row['date'])>=strtotime($datefrom) &&
                strtotime($row['date'])<=strtotime($dateto)){
249 $scdCount++;
250 if($row['gender'] == 'Female') $scdFCount++;
251 elseif($row['gender'] == 'Male') $scdMCount++;
252 }
253 if($ortho == 'Yes' && $row['ortho'] == 'Yes' &&
                strtotime($row['date'])>=strtotime($datefrom)
                && strtotime($row['date'])<=strtotime($dateto)
            )){
254 $orthoCount++;
255 if($row['gender'] == 'Female') $orthoFCount++;
256 elseif($row['gender'] == 'Male') $orthoMCount++;
257 }
258 if($pedo == 'Yes' && $row['pedo'] == 'Yes' &&
                strtotime($row['date'])>=strtotime($datefrom)
                && strtotime($row['date'])<=strtotime($dateto)
            )){
259 $pedoCount++;
260 if($row['gender'] == 'Female') $pedoFCount++;
261 elseif($row['gender'] == 'Male') $pedoMCount++;
262 }
263 if($resto == 'Yes' && $row['resto'] == 'Yes' &&
                strtotime($row['date'])>=strtotime($datefrom)
                && strtotime($row['date'])<=strtotime($dateto)
            )){
264 $restoCount++;
265 if($row['gender'] == 'Female') $restoFCount++;
266 elseif($row['gender'] == 'Male') $restoMCount++;
267 }
268 }
269 }
270 }
271 }
272 }
273 }
274 echo "<tr>
275 <td> Periodontics
276 <td> $perioCount
277 <td> $perioFCount
278 <td> ";
279 if($perioCount == 0) echo "0%"; else echo round((
                $perioFCount/$perioCount)*100)."%";
280 echo "<td> $perioMCount
281 <td> ";
282 if($perioCount == 0) echo "0%"; else echo round((
                $perioMCount/$perioCount)*100)."%";
283 echo "<td> ";
284 if($femaleCount == 0) echo "0%"; else echo round((
                $perioFCount/$femaleCount)*100)."%";
285 echo "<td> ";
286 if($maleCount == 0) echo "0%"; else echo round((
                $perioMCount/$maleCount)*100)."%";
287 echo "<td> ";
288 if($totalCount == 0) echo "0%"; else echo round((
                $perioCount/$totalCount)*100)."%";
289 echo"</tr>
290 <tr>
291 <td> Oral Surgery
292 <td> $sosCount
293 <td> $sosFCount
294 <td> ";
295 if($sosCount == 0) echo "0%"; else echo round((
                $sosFCount/$sosCount)*100)."%";
296 echo "<td> $sosMCount
297 <td> ";
298 if($sosCount == 0) echo "0%"; else echo round((
                $sosMCount/$sosCount)*100)."%";
299 echo "<td> ";
300 if($femaleCount == 0) echo "0%"; else echo round((
                $sosFCount/$femaleCount)*100)."%";
301 echo "<td> ";
302 if($maleCount == 0) echo "0%"; else echo round((
                $sosMCount/$maleCount)*100)."%";
303 echo "<td> ";
304 if($totalCount == 0) echo "0%"; else echo round((
                $sosCount/$totalCount)*100)."%";
305 echo "</tr>
306 <tr>
307 <td> Endodontics
308 <td> $sendoCount
309 <td> $sendoFCount
310 <td> ";
                if($sendoCount == 0) echo "0%"; else echo round((
                $sendoFCount/$sendoCount)*100)."%";
311 echo "<td> $sendoMCount
312 <td> ";
313 if($sendoCount == 0) echo "0%"; else echo round((
                $sendoMCount/$sendoCount)*100)."%";
314 echo "<td> ";
315 if($femaleCount == 0) echo "0%"; else echo round((
                $sendoFCount/$femaleCount)*100)."%";
316 echo "<td> ";
317 if($maleCount == 0) echo "0%"; else echo round((
                $sendoMCount/$maleCount)*100)."%";
318 echo "<td> ";
319 if($totalCount == 0) echo "0%"; else echo round((
                $sendoCount/$totalCount)*100)."%";
320 echo "</tr>
321 <tr>
322 <td> Removable Prosthodontics
323 <td> $rpdCount
324 <td> $rpdFCount
325 <td> ";
326 if($rpdCount == 0) echo "0%"; else echo round((
                $rpdFCount/$rpdCount)*100)."%";
327 echo "<td> $rpdMCount
328 <td> ";
329 if($rpdCount == 0) echo "0%"; else echo round((
                $rpdMCount/$rpdCount)*100)."%";
330 echo "<td> ";
331 if($femaleCount == 0) echo "0%"; else echo round((
                $rpdFCount/$femaleCount)*100)."%";
332 echo "<td> ";
333 if($maleCount == 0) echo "0%"; else echo round((
                $rpdMCount/$maleCount)*100)."%";
334 echo "<td> ";
335 if($totalCount == 0) echo "0%"; else echo round((
                $rpdCount/$totalCount)*100)."%";
336 echo "</tr>
337 <tr>
338 <td> Fixed Partial Prosthodontics
339 <td> $fpdCount
340 <td> $fpdFCount
341 <td> ";
342 if($fpdCount == 0) echo "0%"; else echo round((
                $fpdFCount/$fpdCount)*100)."%";
343 echo "<td> $fpdMCount
344 <td> ";
345 if($fpdCount == 0) echo "0%"; else echo round((
                $fpdMCount/$fpdCount)*100)."%";
346 echo "<td> ";
347 if($femaleCount == 0) echo "0%"; else echo round((
                $fpdFCount/$femaleCount)*100)."%";
348 echo "<td> ";
349 if($maleCount == 0) echo "0%"; else echo round((
                $fpdMCount/$maleCount)*100)."%";
350 echo "<td> ";
351 if($totalCount == 0) echo "0%"; else echo round((
                $fpdCount/$totalCount)*100)."%";
352 echo "</tr>
353 <tr>
354 <td> Complete Denture
355 <td> $scdCount
356 <td> $scdFCount
357 <td> ";
358 if($scdCount == 0) echo "0%"; else echo round((
                $scdFCount/$scdCount)*100)."%";
359 echo "<td> $scdMCount
360 <td> ";
361 if($scdCount == 0) echo "0%"; else echo round((
                $scdMCount/$scdCount)*100)."%";
362 echo "<td> ";
363 if($femaleCount == 0) echo "0%"; else echo round((
                $scdFCount/$femaleCount)*100)."%";
364 echo "<td> ";
365 if($maleCount == 0) echo "0%"; else echo round((
                $scdMCount/$maleCount)*100)."%";
366 echo "<td> ";
367 if($totalCount == 0) echo "0%"; else echo round((
                $scdCount/$totalCount)*100)."%";
368 echo "</tr>
369 <tr>
370 <td> Orthodontics
371 <td> $orthoCount
372 <td> $orthoFCount
373 <td> ";
374 if($orthoCount == 0) echo "0%"; else echo round((
                $orthoFCount/$orthoCount)*100)."%";
375 echo "<td> $orthoMCount
376 <td> ";
377 if($orthoCount == 0) echo "0%"; else echo round((
                $orthoMCount/$orthoCount)*100)."%";
378 echo "<td> ";
379 if($femaleCount == 0) echo "0%"; else echo round((
                $orthoFCount/$femaleCount)*100)."%";
380 echo "<td> ";
381 if($maleCount == 0) echo "0%"; else echo round((
                $orthoMCount/$maleCount)*100)."%";
382 echo "<td> ";
383 if($totalCount == 0) echo "0%"; else echo round((
                $orthoCount/$totalCount)*100)."%";
384 echo "<td> ";

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```

385 echo "</tr>"
386 <tr>
387 <td> Pedodontics
388 <td> $pedoCount
389 <td> $pedoFCount
390 <td>";
391 if($pedoCount == 0) echo "0%"; else echo round((
    $pedoFCount/$pedoCount)*100)."%" ;
392 echo "<td> $pedoMCount
393 <td>";
394 if($pedoCount == 0) echo "0%"; else echo round((
    $pedoMCount/$pedoCount)*100)."%" ;
395 echo "<td>";
396 if($femaleCount == 0) echo "0%"; else echo round((
    $pedoFCount/$femaleCount)*100)."%" ;
397 echo "<td>";
398 if($maleCount == 0) echo "0%"; else echo round((
    $pedoMCount/$maleCount)*100)."%" ;
399 echo "<td>";
400 if($totalCount == 0) echo "0%"; else echo round((
    $pedoCount/$totalCount)*100)."%" ;
401 echo "</tr>"
402 <tr>
403 <td> Restorative Dentistry
404 <td> $restoCount
405 <td> $restoFCount
406 <td> ";
407 if($restoCount == 0) echo "0%"; else echo round((
    $restoFCount/$restoCount)*100)."%" ;
408 echo "<td> $restoMCount
409 <td>";
410 if($restoCount == 0) echo "0%"; else echo round((
    $restoMCount/$restoCount)*100)."%" ;
411 echo "<td>";
412 if($femaleCount == 0) echo "0%"; else echo round((
    $restoFCount/$femaleCount)*100)."%" ;
413 echo "<td>";
414 if($maleCount == 0) echo "0%"; else echo round((
    $restoMCount/$maleCount)*100)."%" ;
415 echo "<td>";
416 if($totalCount == 0) echo "0%"; else echo round((
    $restoCount/$totalCount)*100)."%" ;
417 echo "</tr>"
418 <tr>
419 <td> <br>Total no. of cases
420 <td> <br><b>"($perioCount + $osCount +
    $endoCount + $rpdCount + $fpdCount +
    $cdCount + $orthoCount + $pedoCount +
    $restoCount)."</b>"
421 </tr>
422
423 </table><br>";
424 } ?>
425
426
427 <?php if($choice2 != ""){
428 echo "<table frame='box' class='frame alttable' style='
    width:98%; left:1%; text-align:center;'>
429 <tr class='header'>
430 <td colspan=9 class='noborder' style='text-align:left
    ;'> Dental Status Chart ($choice2) </td>
431 </tr>
432 <tr style='text-align:center;'>
433 <td><b> Conditions </b>
434 <td><b> # of <br>Cases </b>
435 <td><b> Females </b>
436 <td><b> % <br>Females </b>
437 <td><b> Males </b>
438 <td><b> % <br>Males </b>
439 <td><b> % Females <br>(over total <br>females)
    </b>
440 <td><b> % Males <br>(over total <br>males) </b>
441 <td><b> % Cases <br>(over total <br>patients) </b>
442 </tr>";
443
444 $scarCount = 0;
445 $recCount = 0;
446 $resCount = 0;
447 $ddrCount = 0;
448 $rotCount = 0;
449 $sextruCount = 0;
450 $extraCount = 0;
451 $sintCount = 0;
452 $smdrCount = 0;
453 $spafsCount = 0;
454 $smisCount = 0;
455 $srctCount = 0;
456 $scompdentCount = 0;
457 $singdentCount = 0;
458 $rempardentCount = 0;
459 $smetcrCount = 0;
460 $sporcrCount = 0;
461 $suneCount = 0;
462 $simpCount = 0;
463 $spccCount = 0;
464 $sacrCrCount = 0;
465 $spftmCount = 0;
466 $scompCount = 0;
467 $sringCount = 0;
468 $sremparCount = 0;
469 $scarFCount = 0;
470 $srecFCount = 0;
471 $sresFCount = 0;
472 $sddrFCount = 0;
473 $srotFCount = 0;
474 $sextruFCount = 0;
475 $sextraFCount = 0;
476 $sintFCount = 0;
477 $smdrFCount = 0;
478 $spafsFCount = 0;
479 $smisFCount = 0;
480 $srctFCount = 0;
481 $scompdentFCount = 0;
482 $singdentFCount = 0;
483 $srempardentFCount = 0;
484 $smetcrFCount = 0;
485 $sporcrFCount = 0;
486 $suneFCount = 0;
487 $simpFCount = 0;
488 $spccFCount = 0;
489 $sacrCrFCount = 0;
490 $spftmFCount = 0;
491 $scompFCount = 0;
492 $sringFCount = 0;
493 $sremparFCount = 0;
494 $scarMCount = 0;
495 $srecMCount = 0;
496 $sresMCount = 0;
497 $sddrMCount = 0;
498 $srotMCount = 0;
499 $sextruMCount = 0;
500 $sextraMCount = 0;
501 $sintMCount = 0;
502 $smdrMCount = 0;
503 $spafsMCount = 0;
504 $smisMCount = 0;
505 $srctMCount = 0;
506 $scompdentMCount = 0;
507 $singdentMCount = 0;
508 $srempardentMCount = 0;
509 $smetcrMCount = 0;
510 $sporcrMCount = 0;
511 $suneMCount = 0;
512 $simpMCount = 0;
513 $spccMCount = 0;
514 $sacrCrMCount = 0;
515 $spftmMCount = 0;
516 $scompMCount = 0;
517 $sringMCount = 0;
518 $sremparMCount = 0;
519
520 if($patientmatch){
521 foreach ($patientmatch as $row){
522 if($scaries == 'Yes' && ($row['distal_caries'] != ' ' ||
    $row['buccal_caries'] != ' ' || $row['
    lingual_caries'] != ' ' || $row['mesial_caries']
    != ' ' || $row['occlusal_caries'] != ' ') &&
    strtotime($row['date'])>=strtotime($datefrom)
    && strtotime($row['date'])<=strtotime($dateto)
    ){
523 $scarCount++;
524 if($row['gender'] == 'Female') $scarFCount++;
525 elseif($row['gender'] == 'Male') $scarMCount++;
526 }
527 if($srecurrent == 'Yes' && ($row['distal_recurrent'] !=
    ' ' || $row['buccal_recurrent'] != ' ' || $row['
    lingual_recurrent'] != ' ' || $row['
    mesial_recurrent'] != ' ' || $row['
    occlusal_recurrent'] != ' ') && strtotime(
    $row['date'])>=strtotime($datefrom) &&
    strtotime($row['date'])<=strtotime($dateto)){
528 $srecCount++;
529 if($row['gender'] == 'Female') $srecFCount++;
530 elseif($row['gender'] == 'Male') $srecMCount++;
531 }
532 if($srestoration == 'Yes' && ($row['distal_restoration']
    != ' ' || $row['buccal_restoration'] != ' ' ||
    $row['lingual_restoration'] != ' ' || $row['
    mesial_restoration'] != ' ' || $row['
    occlusal_restoration'] != ' ') && strtotime(
    $row['date'])>=strtotime($datefrom) &&
    strtotime($row['date'])<=strtotime($dateto)){
533 $sresCount++;
534 if($row['gender'] == 'Female') $sresFCount++;
535 elseif($row['gender'] == 'Male') $sresMCount++;
536 }
537 if($sddr == 'Yes' && $row['distal_rotation'] != ' ' &&
    strtotime($row['date'])>=strtotime($datefrom)
    && strtotime($row['date'])<=strtotime($dateto)
    ){
538 $sddrCount++;
539 if($row['gender'] == 'Female') $sddrFCount++;
540 elseif($row['gender'] == 'Male') $sddrMCount++;
541 }
542 if($srot == 'Yes' && $row['rotation'] != ' ' &&
    strtotime($row['date'])>=strtotime($datefrom)
    && strtotime($row['date'])<=strtotime($dateto)

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    )}{
543 $rotCount++;
544 if ($row['gender'] == 'Female') $rotFCount++;
545 elseif ($row['gender'] == 'Male') $rotMCount++;
546 }
547 if ($extracted == 'Yes' && $row['extracted'] != '' &&
    && strtotime($row['date'])>=strtotime($datefrom)
    && strtotime($row['date'])<=strtotime($dateto)
    ){
548 $extraCount++;
549 if ($row['gender'] == 'Female') $extraFCount++;
550 elseif ($row['gender'] == 'Male') $extraMCount++;
551 }
552 if ($extrusion == 'Yes' && $row['extrusion'] != '' &&
    && strtotime($row['date'])>=strtotime($datefrom)
    && strtotime($row['date'])<=strtotime($dateto)
    ){
553 $sextruCount++;
554 if ($row['gender'] == 'Female') $sextruFCount++;
555 elseif ($row['gender'] == 'Male') $sextruMCount++;
556 }
557 if ($sintrusion == 'Yes' && $row['intrusion'] != '' &&
    && strtotime($row['date'])>=strtotime($datefrom)
    && strtotime($row['date'])<=strtotime($dateto)
    ){
558 $sintCount++;
559 if ($row['gender'] == 'Female') $sintFCount++;
560 elseif ($row['gender'] == 'Male') $sintMCount++;
561 }
562 if ($smdr == 'Yes' && $row['mesial_rotation'] != '' &&
    && strtotime($row['date'])>=strtotime($datefrom)
    && strtotime($row['date'])<=strtotime($dateto)
    ){
563 $mdrCount++;
564 if ($row['gender'] == 'Female') $mdrFCount++;
565 elseif ($row['gender'] == 'Male') $mdrMCount++;
566 }
567 if ($spafs == 'Yes' && $row['pitifissure_sealants'] != ''
    && strtotime($row['date'])>=strtotime($datefrom)
    && strtotime($row['date'])<=
    strtotime($dateto)){
568 $spafsCount++;
569 if ($row['gender'] == 'Female') $spafsFCount++;
570 elseif ($row['gender'] == 'Male') $spafsMCount++;
571 }
572 if ($missing == 'Yes' && $row['missing'] != '' &&
    && strtotime($row['date'])>=strtotime($datefrom)
    && strtotime($row['date'])<=strtotime($dateto)
    ){
573 $smisCount++;
574 if ($row['gender'] == 'Female') $smisFCount++;
575 elseif ($row['gender'] == 'Male') $smisMCount++;
576 }
577 if ($srct == 'Yes' && $row['rootcanal_treatment'] != ''
    && strtotime($row['date'])>=strtotime($datefrom)
    && strtotime($row['date'])<=
    strtotime($dateto)){
578 $srctCount++;
579 if ($row['gender'] == 'Female') $srctFCount++;
580 elseif ($row['gender'] == 'Male') $srctMCount++;
581 }
582 if ($completedenture == 'Yes' && $row['
    completedenture'] == 'Yes' && strtotime($row['
    date'])>=strtotime($datefrom) && strtotime($
    row['date'])<=strtotime($dateto)){
583 $scompCount++;
584 if ($row['gender'] == 'Female') $scompFCount++;
585 elseif ($row['gender'] == 'Male') $scompMCount++;
586 }
587 if ($singledenture == 'Yes' && $row['singledenture'] !=
    'Yes' && strtotime($row['date'])>=strtotime($
    datefrom) && strtotime($row['date'])<=
    strtotime($dateto)){
588 $singCount++;
589 if ($row['gender'] == 'Female') $singFCount++;
590 elseif ($row['gender'] == 'Male') $singMCount++;
591 }
592 if ($removablepartialdenture == 'Yes' && $row['
    removablepartialdenture'] != 'Yes' && strtotime($
    row['date'])>=strtotime($datefrom) &&
    strtotime($row['date'])<=strtotime($dateto)){
593 $sremparCount++;
594 if ($row['gender'] == 'Female') $sremparFCount++;
595 elseif ($row['gender'] == 'Male') $sremparMCount++;
596 }
597 if ($smetr == 'Yes' && $row['metal_crown'] != '' &&
    && strtotime($row['date'])>=strtotime($datefrom)
    && strtotime($row['date'])<=strtotime($dateto)
    ){
598 $smetrCount++;
599 if ($row['gender'] == 'Female') $smetrFCount++;
600 elseif ($row['gender'] == 'Male') $smetrMCount++;
601 }
602 if ($sporcr == 'Yes' && $row['porcelain_crown'] != ''
    && strtotime($row['date'])>=strtotime($
    datefrom) && strtotime($row['date'])<=
    strtotime($dateto)){
603 $sporcrCount++;
604 if ($row['gender'] == 'Female') $smetrFCount++;
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    elseif ($row['gender'] == 'Male') $smetrMCount++;
    }
    if ($unerupted == 'Yes' && $row['unerupted'] != '' &&
        && strtotime($row['date'])>=strtotime($datefrom)
        && strtotime($row['date'])<=strtotime($
        dateto)){
        $suneCount++;
        if ($row['gender'] == 'Female') $suneFCount++;
        elseif ($row['gender'] == 'Male') $suneMCount++;
    }
    if ($impacted == 'Yes' && $row['impacted'] != '' &&
        && strtotime($row['date'])>=strtotime($datefrom)
        && strtotime($row['date'])<=strtotime($dateto)
        ){
        $simpCount++;
        if ($row['gender'] == 'Female') $simpFCount++;
        elseif ($row['gender'] == 'Male') $simpMCount++;
    }
    if ($pcc == 'Yes' && $row['postcore_crown'] != '' &&
        && strtotime($row['date'])>=strtotime($datefrom)
        && strtotime($row['date'])<=strtotime($dateto)
        ){
        $spccCount++;
        if ($row['gender'] == 'Female') $pccFCount++;
        elseif ($row['gender'] == 'Male') $pccMCount++;
    }
    if ($sacrcr == 'Yes' && $row['acrylic_crown'] != '' &&
        && strtotime($row['date'])>=strtotime($datefrom)
        && strtotime($row['date'])<=strtotime($dateto)
        ){
        $sacrcrCount++;
        if ($row['gender'] == 'Female') $sacrcrFCount++;
        elseif ($row['gender'] == 'Male') $sacrcrMCount++;
    }
    if ($pftm == 'Yes' && $row['porcelain_fused'] != '' &&
        && strtotime($row['date'])>=strtotime($datefrom)
        && strtotime($row['date'])<=strtotime($
        dateto)){
        $spftmCount++;
        if ($row['gender'] == 'Female') $pftmFCount++;
        elseif ($row['gender'] == 'Male') $pftmMCount++;
    }
}
if ($scaries == 'Yes') {
    echo "<tr>
    <td>Caries
    <td>$scarCount
    <td>$scarFCount
    <td>";
    if ($scarCount == 0) echo "0%"; else echo round((
        $scarFCount/$scarCount)*100)." %";
    echo "<td>$scarMCount
    <td>";
    if ($scarCount == 0) echo "0%"; else echo round((
        $scarMCount/$scarCount)*100)." %";
    echo "<td>";
    if ($femaleCount == 0) echo "0%"; else echo round
        ((($scarFCount/$femaleCount)*100)." %";
    echo "<td>";
    if ($totalCount == 0) echo "0%"; else echo round((
        $scarCount/$totalCount)*100)." %";
    echo "</tr>";
}
if ($recurrent == 'Yes') {
    echo "<tr>
    <td>Recurrent Caries
    <td>$recCount
    <td>$recFCount
    <td>";
    if ($recCount == 0) echo "0%"; else echo round((
        $recFCount/$recCount)*100)." %";
    echo "<td>$recMCount
    <td>";
    if ($recCount == 0) echo "0%"; else echo round((
        $recMCount/$recCount)*100)." %";
    echo "<td>";
    if ($femaleCount == 0) echo "0%"; else echo round
        ((($recFCount/$femaleCount)*100)." %";
    echo "<td>";
    if ($maleCount == 0) echo "0%"; else echo round((
        $recMCount/$maleCount)*100)." %";
    echo "<td>";
    if ($totalCount == 0) echo "0%"; else echo round((
        $recCount/$totalCount)*100)." %";
    echo "</tr>";
}
if ($restoration == 'Yes') {
    echo "<tr>
    <td>Restoration
    <td>$resCount
    <td>$resFCount
    <td>";
    if ($resCount == 0) echo "0%"; else echo round((
        $resFCount/$resCount)*100)." %";

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678     echo " <td>$resMCount
679     <td>";
680     if ($resCount == 0) echo "0%"; else echo round((
        $resMCount/$resCount)*100)."%";
681     echo " <td>";
682     if ($femaleCount == 0) echo "0%"; else echo round
        ((($resFCount/$femaleCount)*100)."%";
683     echo " <td>";
684     if ($maleCount == 0) echo "0%"; else echo round((
        $resMCount/$maleCount)*100)."%";
685     echo " <td>";
686     if ($totalCount == 0) echo "0%"; else echo round((
        $resCount/$totalCount)*100)."%";
687     echo "</tr>";
688 }
689 if ($extrusion == 'Yes') {
690     echo "<tr>
691     <td>Extrusion
692     <td>$extruCount
693     <td>$extruFCount
694     <td>";
695     if ($extruCount == 0) echo "0%"; else echo round((
        $extruFCount/$extruCount)*100)."%";
696     echo " <td>$extruMCount
697     <td>";
698     if ($extruCount == 0) echo "0%"; else echo round((
        $extruMCount/$extruCount)*100)."%";
699     echo " <td>";
700     if ($femaleCount == 0) echo "0%"; else echo round
        ((($extruFCount/$femaleCount)*100)."%";
701     echo " <td>";
702     if ($maleCount == 0) echo "0%"; else echo round((
        $extruMCount/$maleCount)*100)."%";
703     echo " <td>";
704     if ($totalCount == 0) echo "0%"; else echo round((
        $extruCount/$totalCount)*100)."%";
705     echo "</tr>";
706 }
707 if ($intrusion == 'Yes') {
708     echo "<tr>
709     <td>Intrusion
710     <td>$intCount
711     <td>$intFCount
712     <td>";
713     if ($intCount == 0) echo "0%"; else echo round((
        $intFCount/$intCount)*100)."%";
714     echo " <td>$intMCount
715     <td>";
716     if ($intCount == 0) echo "0%"; else echo round((
        $intMCount/$intCount)*100)."%";
717     echo " <td>";
718     if ($femaleCount == 0) echo "0%"; else echo round
        ((($intFCount/$femaleCount)*100)."%";
719     echo " <td>";
720     if ($maleCount == 0) echo "0%"; else echo round((
        $intMCount/$maleCount)*100)."%";
721     echo " <td>";
722     if ($totalCount == 0) echo "0%"; else echo round((
        $intCount/$totalCount)*100)."%";
723     echo "</tr>";
724 }
725 if ($missing == 'Yes') {
726     echo "<tr>
727     <td>Missing
728     <td>$misCount
729     <td>$misFCount
730     <td>";
731     if ($misCount == 0) echo "0%"; else echo round((
        $misFCount/$misCount)*100)."%";
732     echo " <td>$misMCount
733     <td>";
734     if ($misCount == 0) echo "0%"; else echo round((
        $misMCount/$misCount)*100)."%";
735     echo " <td>";
736     if ($femaleCount == 0) echo "0%"; else echo round
        ((($misFCount/$femaleCount)*100)."%";
737     echo " <td>";
738     if ($maleCount == 0) echo "0%"; else echo round((
        $misMCount/$maleCount)*100)."%";
739     echo " <td>";
740     if ($totalCount == 0) echo "0%"; else echo round((
        $misCount/$totalCount)*100)."%";
741     echo "</tr>";
742 }
743 if ($impacted == 'Yes') {
744     echo "<tr>
745     <td>Impacted
746     <td>$impCount
747     <td>$impFCount
748     <td>";
749     if ($impCount == 0) echo "0%"; else echo round((
        $impFCount/$impCount)*100)."%";
750     echo " <td>$impMCount
751     <td>";
752     if ($impCount == 0) echo "0%"; else echo round((
        $impMCount/$impCount)*100)."%";
753     echo " <td>";
754     if ($femaleCount == 0) echo "0%"; else echo round
        ((($impFCount/$femaleCount)*100)."%";
755     echo " <td>";
756     if ($maleCount == 0) echo "0%"; else echo round((
        $impMCount/$maleCount)*100)."%";
757     echo " <td>";
758     if ($totalCount == 0) echo "0%"; else echo round((
        $impCount/$totalCount)*100)."%";
759     echo "</tr>";
760 }
761 if ($extracted == 'Yes') {
762     echo "<tr>
763     <td>Extracted
764     <td>$extraCount
765     <td>$extraFCount
766     <td>";
767     if ($extraCount == 0) echo "0%"; else echo round((
        $extraFCount/$extraCount)*100)."%";
768     echo " <td>$extraMCount
769     <td>";
770     if ($extraCount == 0) echo "0%"; else echo round((
        $extraMCount/$extraCount)*100)."%";
771     echo " <td>";
772     if ($femaleCount == 0) echo "0%"; else echo round
        ((($extraFCount/$femaleCount)*100)."%";
773     echo " <td>";
774     if ($maleCount == 0) echo "0%"; else echo round((
        $extraMCount/$maleCount)*100)."%";
775     echo " <td>";
776     if ($totalCount == 0) echo "0%"; else echo round((
        $extraCount/$totalCount)*100)."%";
777     echo "</tr>";
778 }
779 if ($mdr == 'Yes') {
780     echo "<tr>
781     <td>Mesial Drifting Rotation
782     <td>$mdrCount
783     <td>$mdrFCount
784     <td>";
785     if ($mdrCount == 0) echo "0%"; else echo round((
        $mdrFCount/$mdrCount)*100)."%";
786     echo " <td>$mdrMCount
787     <td>";
788     if ($mdrCount == 0) echo "0%"; else echo round((
        $mdrMCount/$mdrCount)*100)."%";
789     echo " <td>";
790     if ($femaleCount == 0) echo "0%"; else echo round
        ((($mdrFCount/$femaleCount)*100)."%";
791     echo " <td>";
792     if ($maleCount == 0) echo "0%"; else echo round((
        $mdrMCount/$maleCount)*100)."%";
793     echo " <td>";
794     if ($totalCount == 0) echo "0%"; else echo round((
        $mdrCount/$totalCount)*100)."%";
795     echo "</tr>";
796 }
797 if ($ddr == 'Yes') {
798     echo "<tr>
799     <td>Distal Drifting Rotation
800     <td>$ddrCount
801     <td>$ddrFCount
802     <td>";
803     if ($ddrCount == 0) echo "0%"; else echo round((
        $ddrFCount/$ddrCount)*100)."%";
804     echo " <td>$ddrMCount
805     <td>";
806     if ($ddrCount == 0) echo "0%"; else echo round((
        $ddrMCount/$ddrCount)*100)."%";
807     echo " <td>";
808     if ($femaleCount == 0) echo "0%"; else echo round
        ((($ddrFCount/$femaleCount)*100)."%";
809     echo " <td>";
810     if ($maleCount == 0) echo "0%"; else echo round((
        $ddrMCount/$maleCount)*100)."%";
811     echo " <td>";
812     if ($totalCount == 0) echo "0%"; else echo round((
        $ddrCount/$totalCount)*100)."%";
813     echo "</tr>";
814 }
815 if ($rot == 'Yes') {
816     echo "<tr>
817     <td>Rotation
818     <td>$rotCount
819     <td>$rotFCount
820     <td>";
821     if ($rotCount == 0) echo "0%"; else echo round((
        $rotFCount/$rotCount)*100)."%";
822     echo " <td>$rotMCount
823     <td>";
824     if ($rotCount == 0) echo "0%"; else echo round((
        $rotMCount/$rotCount)*100)."%";
825     echo " <td>";
826     if ($femaleCount == 0) echo "0%"; else echo round
        ((($rotFCount/$femaleCount)*100)."%";
827     echo " <td>";
828     if ($maleCount == 0) echo "0%"; else echo round((
        $rotMCount/$maleCount)*100)."%";
829     echo " <td>";
830     if ($totalCount == 0) echo "0%"; else echo round((
        $rotCount/$totalCount)*100)."%";
831     echo "</tr>";

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832 }
833 if($Unerrupted == 'Yes') {
834     echo "<tr>
835     <td>Unerrupted
836     <td>$uneCount
837     <td>$uneFCount
838     <td>";
839     if($uneCount == 0) echo "0%"; else echo round((
840     $uneFCount/$uneCount)*100)."%" ;
841     echo " <td>$uneMCount
842     <td>";
843     if($uneCount == 0) echo "0%"; else echo round((
844     $uneMCount/$uneCount)*100)."%" ;
845     echo " <td>";
846     if($femaleCount == 0) echo "0%"; else echo round
847     ((($uneFCount/$femaleCount)*100)."%" ;
848     echo " <td>";
849     if($maleCount == 0) echo "0%"; else echo round((
850     $uneMCount/$maleCount)*100)."%" ;
851     echo " <td>";
852     if($totalCount == 0) echo "0%"; else echo round((
853     $uneCount/$totalCount)*100)."%" ;
854     echo "</tr>";
855 }
856 if($compdent == 'Yes') {
857     echo "<tr>
858     <td>Complete Denture
859     <td>$compCount
860     <td>$compFCount
861     <td>";
862     if($compCount == 0) echo "0%"; else echo round((
863     $compFCount/$compCount)*100)."%" ;
864     echo " <td>$compMCount
865     <td>";
866     if($compCount == 0) echo "0%"; else echo round((
867     $compMCount/$compCount)*100)."%" ;
868     echo " <td>";
869     if($femaleCount == 0) echo "0%"; else echo round
870     ((($compFCount/$femaleCount)*100)."%" ;
871     echo " <td>";
872     if($maleCount == 0) echo "0%"; else echo round((
873     $compMCount/$maleCount)*100)."%" ;
874     echo " <td>";
875     if($totalCount == 0) echo "0%"; else echo round((
876     $compCount/$totalCount)*100)."%" ;
877     echo "</tr>";
878 }
879 if($singdent == 'Yes') {
880     echo "<tr>
881     <td>Sing Denture
882     <td>$singCount
883     <td>$singFCount
884     <td>";
885     if($singCount == 0) echo "0%"; else echo round((
886     $singFCount/$singCount)*100)."%" ;
887     echo " <td>$singMCount
888     <td>";
889     if($singCount == 0) echo "0%"; else echo round((
890     $singMCount/$singCount)*100)."%" ;
891     echo " <td>";
892     if($femaleCount == 0) echo "0%"; else echo round
893     ((($singFCount/$femaleCount)*100)."%" ;
894     echo " <td>";
895     if($maleCount == 0) echo "0%"; else echo round((
896     $singMCount/$maleCount)*100)."%" ;
897     echo " <td>";
898     if($totalCount == 0) echo "0%"; else echo round((
899     $singCount/$totalCount)*100)."%" ;
900     echo "</tr>";
901 }
902 if($rempardent == 'Yes') {
903     echo "<tr>
904     <td>Removable Partial Denture
905     <td>$remparCount
906     <td>$remparFCount
907     <td>";
908     if($remparCount == 0) echo "0%"; else echo round
909     ((($remparFCount/$remparCount)*100)."%" ;
910     echo " <td>$remparMCount
911     <td>";
912     if($remparCount == 0) echo "0%"; else echo round
913     ((($remparMCount/$remparCount)*100)."%" ;
914     echo " <td>";
915     if($femaleCount == 0) echo "0%"; else echo round
916     ((($remparFCount/$femaleCount)*100)."%" ;
917     echo " <td>";
918     if($maleCount == 0) echo "0%"; else echo round((
919     $remparMCount/$maleCount)*100)."%" ;
920     echo " <td>";
921     if($totalCount == 0) echo "0%"; else echo round((
922     $remparCount/$totalCount)*100)."%" ;
923     echo "</tr>";
924 }
925 if($sacr == 'Yes') {
926     echo "<tr>
927     <td>Acrylic Crown
928     <td>$sacrCount
929     <td>$sacrFCount
930     <td>";
931     if($sacrCount == 0) echo "0%"; else echo round((
932     $sacrFCount/$sacrCount)*100)."%" ;
933     echo " <td>$sacrMCount
934     <td>";
935     if($sacrCount == 0) echo "0%"; else echo round((
936     $sacrMCount/$sacrCount)*100)."%" ;
937     echo " <td>";
938     if($femaleCount == 0) echo "0%"; else echo round
939     ((($sacrFCount/$femaleCount)*100)."%" ;
940     echo " <td>";
941     if($maleCount == 0) echo "0%"; else echo round((
942     $sacrMCount/$maleCount)*100)."%" ;
943     echo " <td>";
944     if($totalCount == 0) echo "0%"; else echo round((
945     $sacrCount/$totalCount)*100)."%" ;
946     echo "</tr>";
947 }
948 if($metcr == 'Yes') {
949     echo "<tr>
950     <td>Metal Crown
951     <td>$metcrCount
952     <td>$metcrFCount
953     <td>";
954     if($metcrCount == 0) echo "0%"; else echo round
955     ((($metcrFCount/$metcrCount)*100)."%" ;
956     echo " <td>$metcrMCount
957     <td>";
958     if($metcrCount == 0) echo "0%"; else echo round
959     ((($metcrMCount/$metcrCount)*100)."%" ;
960     echo " <td>";
961     if($femaleCount == 0) echo "0%"; else echo round
962     ((($metcrFCount/$femaleCount)*100)."%" ;
963     echo " <td>";
964     if($maleCount == 0) echo "0%"; else echo round((
965     $metcrMCount/$maleCount)*100)."%" ;
966     echo " <td>";
967     if($totalCount == 0) echo "0%"; else echo round((
968     $metcrCount/$totalCount)*100)."%" ;
969     echo "</tr>";
970 }
971 if($porcr == 'Yes') {
972     echo "<tr>
973     <td>Porcelain Crown
974     <td>$porcrCount
975     <td>$porcrFCount
976     <td>";
977     if($porcrCount == 0) echo "0%"; else echo round((
978     $porcrFCount/$porcrCount)*100)."%" ;
979     echo " <td>$porcrMCount
980     <td>";
981     if($porcrCount == 0) echo "0%"; else echo round((
982     $porcrMCount/$porcrCount)*100)."%" ;
983     echo " <td>";
984     if($femaleCount == 0) echo "0%"; else echo round
985     ((($porcrFCount/$femaleCount)*100)."%" ;
986     echo " <td>";
987     if($maleCount == 0) echo "0%"; else echo round((
988     $porcrMCount/$maleCount)*100)."%" ;
989     echo " <td>";
990     if($totalCount == 0) echo "0%"; else echo round((
991     $porcrCount/$totalCount)*100)."%" ;
992     echo "</tr>";
993 }
994 if($pftm == 'Yes') {
995     echo "<tr>
996     <td>Porcelain Fused to Metal
997     <td>$pftmCount
998     <td>$pftmFCount
999     <td>";
1000     if($pftmCount == 0) echo "0%"; else echo round((
1001     $pftmFCount/$pftmCount)*100)."%" ;
1002     echo " <td>$pftmMCount
1003     <td>";
1004     if($pftmCount == 0) echo "0%"; else echo round((
1005     $pftmMCount/$pftmCount)*100)."%" ;
1006     echo " <td>";
1007     if($femaleCount == 0) echo "0%"; else echo round
1008     ((($pftmFCount/$femaleCount)*100)."%" ;
1009     echo " <td>";
1010     if($maleCount == 0) echo "0%"; else echo round((
1011     $pftmMCount/$maleCount)*100)."%" ;
1012     echo " <td>";
1013     if($totalCount == 0) echo "0%"; else echo round((
1014     $pftmCount/$totalCount)*100)."%" ;
1015     echo "</tr>";
1016 }
1017 if($pafs == 'Yes') {
1018     echo "<tr>
1019     <td>Pit and Fissure Sealants
1020     <td>$pafsCount
1021     <td>$pafsFCount
1022     <td>";
1023     if($pafsCount == 0) echo "0%"; else echo round((
1024     $pafsFCount/$pafsCount)*100)."%" ;
1025     echo " <td>$pafsMCount
1026     <td>";
1027     if($pafsCount == 0) echo "0%"; else echo round((
1028     $pafsMCount/$pafsCount)*100)."%" ;
1029     echo " <td>";

```

```

988     if($femaleCount == 0) echo "0%"; else echo round
1063     ((($pafsFCount/$femaleCount)*100)."%";
1064
989     echo " <td>";
1065
990     if($maleCount == 0) echo "0%"; else echo round((
1066     $pafsMCount/$maleCount)*100)."%";
1067
991     echo " <td>";
1068
992     if($totalCount == 0) echo "0%"; else echo round((
1069     $pafsCount/$totalCount)*100)."%";
1070
993     echo "</tr>";
1071
994 }
1072
995 if($rct == 'Yes') {
1073
996     echo "<tr>
1074
997     <td>Root Canal Treatment
1075
998     <td>$rctCount
1076
999     <td>$rctFCount
1077
1000     <td>";
1078
1001     if($rctCount == 0) echo "0%"; else echo round((
1079     $rctFCount/$rctCount)*100)."%";
1080
1002     echo " <td>$rctMCount
1081
1003     <td>";
1082
1004     if($rctCount == 0) echo "0%"; else echo round((
1083     $rctMCount/$rctCount)*100)."%";
1084
1005     echo " <td>";
1085
1006     if($femaleCount == 0) echo "0%"; else echo round
1086     ((($rctFCount/$femaleCount)*100)."%";
1087
1007     echo " <td>";
1088
1008     if($maleCount == 0) echo "0%"; else echo round((
1089     $rctMCount/$maleCount)*100)."%";
1090
1009     echo " <td>";
1091
1010     if($totalCount == 0) echo "0%"; else echo round((
1092     $rctCount/$totalCount)*100)."%";
1093
1011     echo "</tr>";
1094
1012 }
1095
1013 if($pcc == 'Yes') {
1096
1014     echo "<tr>
1097
1015     <td>Post Core Crown
1098
1016     <td>$pccCount
1099
1017     <td>$pccFCount
1100
1018     <td>";
1101
1019     if($pccCount == 0) echo "0%"; else echo round((
1102     $pccFCount/$pccCount)*100)."%";
1103
1020     echo " <td>$pccMCount
1104
1021     <td>";
1105
1022     if($pccCount == 0) echo "0%"; else echo round((
1106     $pccMCount/$pccCount)*100)."%";
1107
1023     echo " <td>";
1108
1024     if($femaleCount == 0) echo "0%"; else echo round
1109     ((($pccFCount/$femaleCount)*100)."%";
1110
1025     echo " <td>";
1111
1026     if($maleCount == 0) echo "0%"; else echo round((
1112     $pccMCount/$maleCount)*100)."%";
1113
1027     echo " <td>";
1114
1028     if($totalCount == 0) echo "0%"; else echo round((
1115     $pccCount/$totalCount)*100)."%";
1116
1029     echo "</tr>";
1117
1030 }
1118
1031
1032 echo "<tr>
1119
1033 <td> <br>Total no. of cases
1120
1034 <td> <br><b>".($scarCount + $recCount + $resCount
1121
1122 + $ddrCount + $rotCount + $extruCount +
1123
1124 $extraCount + $intCount + $mdrCount +
1125
1126 $pafsCount + $misCount + $rctCount +
1127
1128 $mpdentCount + $singdentCount +
1129
1130 $rempardentCount + $meterCount + $porcrCount
1131
1132 + $suneCount + $impCount + $pccCount +
1133
1134 $acrCrCount + $pftmCount)."</b>
1135
1035 </tr>
1136
1036 </table><br>";
1137
1037 }
1138
1038 ?>
1139
1039
1040
1041
1042 <?php if($choice3 != ""){
1140
1043 <tr class='header'>
1141
1044 <td colspan=9 class='noborder' style='text-align:left
1142
1045 ;'> Services Needed ($choice3) </td>
1143
1046 </tr>
1144
1047 <tr style='text-align:center;'>
1145
1048 <td><b>Conditions </b>
1146
1049 <td><b># of <br>Cases </b>
1147
1050 <td><b>Females </b>
1148
1051 <td><b>% <br>Females </b>
1149
1052 <td><b>Males </b>
1150
1053 <td><b>% <br>Males </b>
1151
1054 <td><b>% <br>Females <br>(over total <br>females)
1152
1055 <td><b>% <br>Males <br>(over total <br>males) </b>
1153
1056 <td><b>% <br>Cases <br>(over total <br>patients) </b>
1154
1057 >
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1058 </tr>";
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1059 $c1Count = 0;
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1060 $c2Count = 0;
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1061 $c3Count = 0;
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1150                                     1207
1151 }
1152 if($class5 == 'Yes' && $row['class5'] != ' ' &&
1153     strtotime($row['date'])>=strtotime($datefrom
1154         ) && strtotime($row['date'])<=strtotime(
1155             $dateto)){
1156     $c5Count++;
1157     if($row['gender'] == 'Female') $c5FCount++;
1158     elseif($row['gender'] == 'Male') $c5MCount++;
1159 }
1160 if($onlay == 'Yes' && $row['onlay'] != ' ' &&
1161     strtotime($row['date'])>=strtotime($datefrom
1162         ) && strtotime($row['date'])<=strtotime(
1163             $dateto)){
1164     $olCount++;
1165     if($row['gender'] == 'Female') $olFCount++;
1166     elseif($row['gender'] == 'Male') $olMCount++;
1167 }
1168 if($extraction == 'Yes' && $row['extraction'] != ' '
1169     && strtotime($row['date'])>=strtotime(
1170         $datefrom) && strtotime($row['date'])<=
1171         strtotime($dateto)){
1172     $extracCount++;
1173     if($row['gender'] == 'Female') $extracFCount++;
1174     elseif($row['gender'] == 'Male') $extracMCount
1175         ++;
1176 }
1177 if($sodon == 'Yes' && $row['odontectomy'] != ' ' &&
1178     strtotime($row['date'])>=strtotime($datefrom
1179         ) && strtotime($row['date'])<=strtotime(
1180             $dateto)){
1181     $sodonCount++;
1182     if($row['gender'] == 'Female') $sodonFCount++;
1183     elseif($row['gender'] == 'Male') $sodonMCount++;
1184 }
1185 if($specclass == 'Yes' && $row['special_case'] != ' '
1186     && strtotime($row['date'])>=strtotime(
1187         $datefrom) && strtotime($row['date'])<=
1188         strtotime($dateto)){
1189     $specclassCount++;
1190     if($row['gender'] == 'Female') $specclassFCount
1191         ++;
1192     elseif($row['gender'] == 'Male') $specclassMCount
1193         ++;
1194 }
1195 if($orthodontics == 'Yes' && $row['orthodontics']
1196     == 'Yes' && strtotime($row['date'])>=
1197     strtotime($datefrom) && strtotime($row['
1198     date'])<=strtotime($dateto)){
1199     $orthodonticsCount++;
1200     if($row['gender'] == 'Female') $orthodonticsFCount
1201         ++;
1202     elseif($row['gender'] == 'Male')
1203         $orthodonticsMCount++;
1204 }
1205 if($pedodontics == 'Yes' && $row['pedodontics'] ==
1206     'Yes' && strtotime($row['date'])>=strtotime(
1207         $datefrom) && strtotime($row['date'])<=
1208         strtotime($dateto)){
1209     $pedodonticsCount++;
1210     if($row['gender'] == 'Female') $pedodonticsFCount
1211         ++;
1212     elseif($row['gender'] == 'Male')
1213         $pedodonticsMCount++;
1214 }
1215 if($mopd == 'Yes' && $row['periodontics'] == 'Yes'
1216     && strtotime($row['date'])>=strtotime(
1217         $datefrom) && strtotime($row['date'])<=
1218         strtotime($dateto)){
1219     $periodonticsCount++;
1220     if($row['gender'] == 'Female') $periodonticsFCount
1221         ++;
1222     elseif($row['gender'] == 'Male')
1223         $periodonticsMCount++;
1224 }
1225 if($moai == 'Yes' && $row['acuteinfections'] == 'Yes'
1226     && strtotime($row['date'])>=strtotime(
1227         $datefrom) && strtotime($row['date'])<=
1228         strtotime($dateto)){
1229     $acuteCount++;
1230     if($row['gender'] == 'Female') $acuteFCount++;
1231     elseif($row['gender'] == 'Male') $acuteMCount++;
1232 }
1233 if($moti == 'Yes' && $row['traumaticinjuries'] == '
1234     Yes' && strtotime($row['date'])>=strtotime(
1235         $datefrom) && strtotime($row['date'])<=
1236         strtotime($dateto)){
1237     $injuryCount++;
1238     if($row['gender'] == 'Female') $injuryFCount++;
1239     elseif($row['gender'] == 'Male') $injuryMCount++;
1240 }
1241 if($pulsed == 'Yes' && $row['pulp_sedation'] != ' '
1242     && strtotime($row['date'])>=strtotime(
1243         $datefrom) && strtotime($row['date'])<=
1244         strtotime($dateto)){
1245     $rctCount++;
1246     if($row['gender'] == 'Female') $pulsedFCount++;
1247     elseif($row['gender'] == 'Male') $pulsedMCount++;
1248 }
1249 }
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1270     echo "</tr>";
1271 }
1272 if($class2 == 'Yes') {
1273     echo "<tr>
1274     <td>Class II
1275     <td>%c2Count
1276     <td>%c2FCount
1277     <td>";
1278     if(%c2Count == 0) echo "0%"; else echo round((
1279     %c2FCount/%c2Count)*100)."%";
1280     echo " <td>%c2MCount
1281     <td>";
1282     if(%c2Count == 0) echo "0%"; else echo round((
1283     %c2MCount/%c2Count)*100)."%";
1284     echo " <td>";
1285     if(%femaleCount == 0) echo "0%"; else echo round(
1286     ((%c2FCount/%femaleCount)*100)."%";
1287     echo " <td>";
1288     if(%maleCount == 0) echo "0%"; else echo round((
1289     %c2MCount/%maleCount)*100)."%";
1290     echo " <td>";
1291     if(%totalCount == 0) echo "0%"; else echo round((
1292     %c2Count/%totalCount)*100)."%";
1293     echo "</tr>";
1294 }
1295 if($class3 == 'Yes') {
1296     echo "<tr>
1297     <td>Class III
1298     <td>%c3Count
1299     <td>%c3FCount
1300     <td>";
1301     if(%c3Count == 0) echo "0%"; else echo round((
1302     %c3FCount/%c3Count)*100)."%";
1303     echo " <td>%c3MCount
1304     <td>";
1305     if(%c3Count == 0) echo "0%"; else echo round((
1306     %c3MCount/%c3Count)*100)."%";
1307     echo " <td>";
1308     if(%femaleCount == 0) echo "0%"; else echo round(
1309     ((%c3FCount/%femaleCount)*100)."%";
1310     echo " <td>";
1311     if(%maleCount == 0) echo "0%"; else echo round((
1312     %c3MCount/%maleCount)*100)."%";
1313     echo " <td>";
1314     if(%totalCount == 0) echo "0%"; else echo round((
1315     %c3Count/%totalCount)*100)."%";
1316     echo "</tr>";
1317 }
1318 if($class4 == 'Yes') {
1319     echo "<tr>
1320     <td>Class IV
1321     <td>%c4Count
1322     <td>%c4FCount
1323     <td>";
1324     if(%c4Count == 0) echo "0%"; else echo round((
1325     %c4FCount/%c4Count)*100)."%";
1326     echo " <td>%c4MCount
1327     <td>";
1328     if(%c4Count == 0) echo "0%"; else echo round((
1329     %c4MCount/%c4Count)*100)."%";
1330     echo " <td>";
1331     if(%femaleCount == 0) echo "0%"; else echo round(
1332     ((%c4FCount/%femaleCount)*100)."%";
1333     echo " <td>";
1334     if(%maleCount == 0) echo "0%"; else echo round((
1335     %c4MCount/%maleCount)*100)."%";
1336     echo " <td>";
1337     if(%totalCount == 0) echo "0%"; else echo round((
1338     %c4Count/%totalCount)*100)."%";
1339     echo "</tr>";
1340 }
1341 if($class5 == 'Yes') {
1342     echo "<tr>
1343     <td>Class V
1344     <td>%c5Count
1345     <td>%c5FCount
1346     <td>";
1347     if(%c5Count == 0) echo "0%"; else echo round((
1348     %c5FCount/%c5Count)*100)."%";
1349     echo " <td>%c5MCount
1350     <td>";
1351     if(%c5Count == 0) echo "0%"; else echo round((
1352     %c5MCount/%c5Count)*100)."%";
1353     echo " <td>";
1354     if(%femaleCount == 0) echo "0%"; else echo round(
1355     ((%c5FCount/%femaleCount)*100)."%";
1356     echo " <td>";
1357     if(%maleCount == 0) echo "0%"; else echo round((
1358     %c5MCount/%maleCount)*100)."%";
1359     echo " <td>";
1360     if(%totalCount == 0) echo "0%"; else echo round((
1361     %c5Count/%totalCount)*100)."%";
1362     echo "</tr>";
1363 }
1364 if($sonlay == 'Yes') {
1365     echo "<tr>
1366     <td>Onlay
1367     <td>%solCount
1368     <td>%solFCount
1369     <td>";
1370     if(%solCount == 0) echo "0%"; else echo round((
1371     %solFCount/%solCount)*100)."%";
1372     echo " <td>%solMCount
1373     <td>";
1374     if(%solCount == 0) echo "0%"; else echo round((
1375     %solMCount/%solCount)*100)."%";
1376     echo " <td>";
1377     if(%femaleCount == 0) echo "0%"; else echo round(
1378     ((%solFCount/%femaleCount)*100)."%";
1379     echo " <td>";
1380     if(%maleCount == 0) echo "0%"; else echo round((
1381     %solMCount/%maleCount)*100)."%";
1382     echo " <td>";
1383     if(%totalCount == 0) echo "0%"; else echo round((
1384     %solCount/%totalCount)*100)."%";
1385     echo "</tr>";
1386 }
1387 if($extraction == 'Yes') {
1388     echo "<tr>
1389     <td>Extraction
1390     <td>%sextracCount
1391     <td>%sextracFCount
1392     <td>";
1393     if(%sextracCount == 0) echo "0%"; else echo round(
1394     ((%sextracFCount/%sextracCount)*100)."%";
1395     echo " <td>%sextracMCount
1396     <td>";
1397     if(%sextracCount == 0) echo "0%"; else echo round(
1398     ((%sextracMCount/%sextracCount)*100)."%";
1399     echo " <td>";
1400     if(%femaleCount == 0) echo "0%"; else echo round(
1401     ((%sextracFCount/%femaleCount)*100)."%";
1402     echo " <td>";
1403     if(%maleCount == 0) echo "0%"; else echo round((
1404     %sextracMCount/%maleCount)*100)."%";
1405     echo " <td>";
1406     if(%totalCount == 0) echo "0%"; else echo round((
1407     %sextracCount/%totalCount)*100)."%";
1408     echo "</tr>";
1409 }
1410 if($sodon == 'Yes') {
1411     echo "<tr>
1412     <td>Odontectomy
1413     <td>%sodonCount
1414     <td>%sodonFCount
1415     <td>";
1416     if(%sodonCount == 0) echo "0%"; else echo round((
1417     %sodonFCount/%sodonCount)*100)."%";
1418     echo " <td>%sodonMCount
1419     <td>";
1420     if(%sodonCount == 0) echo "0%"; else echo round(
1421     ((%sodonMCount/%sodonCount)*100)."%";
1422     echo " <td>";
1423     if(%femaleCount == 0) echo "0%"; else echo round(
1424     ((%sodonFCount/%femaleCount)*100)."%";
1425     echo " <td>";
1426     if(%maleCount == 0) echo "0%"; else echo round((
1427     %sodonMCount/%maleCount)*100)."%";
1428     echo " <td>";
1429     if(%totalCount == 0) echo "0%"; else echo round((
1430     %sodonCount/%totalCount)*100)."%";
1431     echo "</tr>";
1432 }
1433 if($specclass == 'Yes') {
1434     echo "<tr>
1435     <td>Special Case
1436     <td>%specclassCount
1437     <td>%specclassFCount
1438     <td>";
1439     if(%specclassCount == 0) echo "0%"; else echo round(
1440     ((%specclassFCount/%specclassCount)*100)."%";
1441     echo " <td>%specclassMCount
1442     <td>";
1443     if(%specclassCount == 0) echo "0%"; else echo round(
1444     ((%specclassMCount/%specclassCount)*100)."%";
1445     echo " <td>";
1446     if(%femaleCount == 0) echo "0%"; else echo round(
1447     ((%specclassFCount/%femaleCount)*100)."%";
1448     echo " <td>";
1449     if(%maleCount == 0) echo "0%"; else echo round((
1450     %specclassMCount/%maleCount)*100)."%";
1451     echo " <td>";
1452     if(%totalCount == 0) echo "0%"; else echo round((
1453     %specclassCount/%totalCount)*100)."%";
1454     echo "</tr>";
1455 }
1456 if($pedodontics == 'Yes') {
1457     echo "<tr>
1458     <td>Pedodontics
1459     <td>%pedodonticsCount
1460     <td>%pedodonticsFCount
1461     <td>";
1462     if(%pedodonticsCount == 0) echo "0%"; else echo round(
1463     ((%pedodonticsFCount/%pedodonticsCount)*100)."%";
1464     echo " <td>%pedodonticsMCount
1465     <td>";
1466     if(%pedodonticsCount == 0) echo "0%"; else echo round(
1467     ((%pedodonticsMCount/%pedodonticsCount)*100)."%";
1468     echo " <td>";
1469     if(%totalCount == 0) echo "0%"; else echo round((
1470     %pedodonticsCount/%totalCount)*100)."%";
1471     echo "</tr>";
1472 }

```

```

1424 <td>;
1425 if($pedodonticsCount == 0) echo "0%"; else echo
1426 round(($pedodonticsMCount/
1427 $pedodonticsCount)*100)."%";
1428 echo " <td>";
1429 if($femaleCount == 0) echo "0%"; else echo round
1430 ((($pedodonticsFCount/$femaleCount)*100)."%";
1431 ;
1432 echo " <td>";
1433 if($maleCount == 0) echo "0%"; else echo round((
1434 $pedodonticsMCount/$maleCount)*100)."%";
1435 echo " <td>";
1436 if($totalCount == 0) echo "0%"; else echo round((
1437 $pedodonticsCount/$totalCount)*100)."%";
1438 echo "</tr>";
1439 }
1440 if($orthodontics == 'Yes') {
1441 echo "<tr>
1442 <td>Orthodontics
1443 <td>$orthodonticsCount
1444 <td>$orthodonticsFCount
1445 <td>";
1446 if($orthodonticsCount == 0) echo "0%"; else echo
1447 round(($orthodonticsFCount/
1448 $orthodonticsCount)*100)."%";
1449 echo " <td>$orthodonticsMCount
1450 <td>";
1451 if($orthodonticsCount == 0) echo "0%"; else echo
1452 round(($orthodonticsMCount/
1453 $orthodonticsCount)*100)."%";
1454 echo " <td>";
1455 if($femaleCount == 0) echo "0%"; else echo round
1456 ((($orthodonticsFCount/$femaleCount)*100)."%";
1457 ;
1458 echo " <td>";
1459 if($maleCount == 0) echo "0%"; else echo round((
1460 $orthodonticsMCount/$maleCount)*100)."%";
1461 echo " <td>";
1462 if($totalCount == 0) echo "0%"; else echo round((
1463 $orthodonticsCount/$totalCount)*100)."%";
1464 echo "</tr>";
1465 }
1466 if($smopd == 'Yes') {
1467 echo "<tr>
1468 <td>Management of Periodontal Disease
1469 <td>$periodonticsCount
1470 <td>$periodonticsFCount
1471 <td>";
1472 if($periodonticsCount == 0) echo "0%"; else echo
1473 round(($periodonticsFCount/
1474 $periodonticsCount)*100)."%";
1475 echo " <td>$periodonticsMCount
1476 <td>";
1477 if($periodonticsCount == 0) echo "0%"; else echo
1478 round(($periodonticsMCount/
1479 $periodonticsCount)*100)."%";
1480 echo " <td>";
1481 if($femaleCount == 0) echo "0%"; else echo round
1482 ((($periodonticsFCount/$femaleCount)*100)."%";
1483 ;
1484 echo " <td>";
1485 if($maleCount == 0) echo "0%"; else echo round((
1486 $periodonticsMCount/$maleCount)*100)."%";
1487 echo " <td>";
1488 if($totalCount == 0) echo "0%"; else echo round((
1489 $periodonticsCount/$totalCount)*100)."%";
1490 echo "</tr>";
1491 }
1492 if($smoai == 'Yes') {
1493 echo "<tr>
1494 <td>Management of Acute Infections
1495 <td>$acuteCount
1496 <td>$acuteFCount
1497 <td>";
1498 if($acuteCount == 0) echo "0%"; else echo round((
1499 $acuteFCount/$acuteCount)*100)."%";
1500 echo " <td>$acuteMCount
1501 <td>";
1502 if($acuteCount == 0) echo "0%"; else echo round((
1503 $acuteMCount/$acuteCount)*100)."%";
1504 echo " <td>";
1505 if($femaleCount == 0) echo "0%"; else echo round
1506 ((($acuteFCount/$femaleCount)*100)."%";
1507 ;
1508 echo " <td>";
1509 if($maleCount == 0) echo "0%"; else echo round((
1510 $acuteMCount/$maleCount)*100)."%";
1511 echo " <td>";
1512 if($totalCount == 0) echo "0%"; else echo round((
1513 $acuteCount/$totalCount)*100)."%";
1514 echo "</tr>";
1515 }
1516 if($smoti == 'Yes') {
1517 echo "<tr>
1518 <td>Management of Traumatic Injuries
1519 <td>$injuryCount
1520 <td>$injuryFCount
1521 <td>";
1522 if($injuryCount == 0) echo "0%"; else echo round
1523 ((($injuryFCount/$injuryCount)*100)."%";
1524 ;
1525 echo " <td>$injuryMCount
1526 <td>";
1527 if($injuryCount == 0) echo "0%"; else echo round
1528 ((($injuryMCount/$injuryCount)*100)."%";
1529 echo " <td>";
1530 if($femaleCount == 0) echo "0%"; else echo round
1531 ((($injuryFCount/$femaleCount)*100)."%";
1532 ;
1533 echo " <td>";
1534 if($maleCount == 0) echo "0%"; else echo round((
1535 $injuryMCount/$maleCount)*100)."%";
1536 echo " <td>";
1537 if($totalCount == 0) echo "0%"; else echo round((
1538 $injuryCount/$totalCount)*100)."%";
1539 echo "</tr>";
1540 }
1541 if($pulsed == 'Yes') {
1542 echo "<tr>
1543 <td>Pulp Sedation
1544 <td>$pulsedCount
1545 <td>$pulsedFCount
1546 <td>";
1547 if($pulsedCount == 0) echo "0%"; else echo
1548 round(($pulsedFCount/$pulsedCount)*100)."%";
1549 echo " <td>$pulsedMCount
1550 <td>";
1551 if($pulsedCount == 0) echo "0%"; else echo
1552 round(($pulsedMCount/$pulsedCount)*100)."%";
1553 echo " <td>";
1554 if($femaleCount == 0) echo "0%"; else echo round
1555 ((($pulsedFCount/$femaleCount)*100)."%";
1556 ;
1557 echo " <td>";
1558 if($maleCount == 0) echo "0%"; else echo round((
1559 $pulsedMCount/$maleCount)*100)."%";
1560 echo " <td>";
1561 if($totalCount == 0) echo "0%"; else echo round((
1562 $pulsedCount/$totalCount)*100)."%";
1563 echo "</tr>";
1564 }
1565 if($roc == 'Yes') {
1566 echo "<tr>
1567 <td>Recementation of crowns
1568 <td>$rocCount
1569 <td>$rocFCount
1570 <td>";
1571 if($rocCount == 0) echo "0%"; else echo round((
1572 $rocFCount/$rocCount)*100)."%";
1573 echo " <td>$rocMCount
1574 <td>";
1575 if($rocCount == 0) echo "0%"; else echo round((
1576 $rocMCount/$rocCount)*100)."%";
1577 echo " <td>";
1578 if($femaleCount == 0) echo "0%"; else echo round
1579 ((($rocFCount/$femaleCount)*100)."%";
1580 ;
1581 echo " <td>";
1582 if($maleCount == 0) echo "0%"; else echo round((
1583 $rocMCount/$maleCount)*100)."%";
1584 echo " <td>";
1585 if($totalCount == 0) echo "0%"; else echo round((
1586 $rocCount/$totalCount)*100)."%";
1587 echo "</tr>";
1588 }
1589 if($stemfill == 'Yes') {
1590 echo "<tr>
1591 <td>Temporary Fillings
1592 <td>$stemfillCount
1593 <td>$stemfillFCount
1594 <td>";
1595 if($stemfillCount == 0) echo "0%"; else echo round
1596 ((($stemfillFCount/$stemfillCount)*100)."%";
1597 echo " <td>$stemfillMCount
1598 <td>";
1599 if($stemfillCount == 0) echo "0%"; else echo round
1600 ((($stemfillMCount/$stemfillCount)*100)."%";
1601 echo " <td>";
1602 if($femaleCount == 0) echo "0%"; else echo round
1603 ((($stemfillFCount/$femaleCount)*100)."%";
1604 ;
1605 echo " <td>";
1606 if($maleCount == 0) echo "0%"; else echo round((
1607 $stemfillMCount/$maleCount)*100)."%";
1608 echo " <td>";
1609 if($totalCount == 0) echo "0%"; else echo round((
1610 $stemfillCount/$totalCount)*100)."%";
1611 echo "</tr>";
1612 }
1613 if($lamented == 'Yes') {
1614 echo "<tr>
1615 <td>Laminated
1616 <td>$lamentedCount
1617 <td>$lamentedFCount
1618 <td>";
1619 if($lamentedCount == 0) echo "0%"; else echo
1620 round(($lamentedFCount/$lamentedCount)
1621 *100)."%";
1622 echo " <td>$lamentedMCount
1623 <td>";
1624 if($lamentedCount == 0) echo "0%"; else echo
1625 round(($lamentedMCount/$lamentedCount)
1626 *100)."%";
1627 echo "</tr>";
1628 }

```

```

1570         *100)."%";
1571     echo " <td>";
1572     if($femaleCount == 0) echo "0%"; else echo round(
1573         (($lamedntedFCCount/$femaleCount)*100)."%";
1574     echo " <td>";
1575     if($maleCount == 0) echo "0%"; else echo round((
1576         $lamedntedMCount/$maleCount)*100)."%";
1577     echo " <td>";
1578     if($totalCount == 0) echo "0%"; else echo round((
1579         $lamedntedCount/$totalCount)*100)."%";
1580     echo " </tr>";
1581 }
1582 if($anterior == 'Yes') {
1583     echo " <tr>
1584     <td>Anterior
1585     <td>$antCount
1586     <td>$antFCCount
1587     <td>";
1588     if($antCount == 0) echo "0%"; else echo round((
1589         $antFCCount/$antCount)*100)."%";
1590     echo " <td>$antMCount
1591     <td>";
1592     if($antCount == 0) echo "0%"; else echo round((
1593         $antMCount/$antCount)*100)."%";
1594     echo " <td>";
1595     if($femaleCount == 0) echo "0%"; else echo round(
1596         (($antFCCount/$femaleCount)*100)."%";
1597     echo " <td>";
1598     if($maleCount == 0) echo "0%"; else echo round((
1599         $antMCount/$maleCount)*100)."%";
1600     echo " <td>";
1601     if($totalCount == 0) echo "0%"; else echo round((
1602         $antCount/$totalCount)*100)."%";
1603     echo " </tr>";
1604 }
1605 if($singlecrown == 'Yes') {
1606     echo " <tr>
1607     <td>Single Crown
1608     <td>$singlecrownCount
1609     <td>$singlecrownFCCount
1610     <td>";
1611     if($singlecrownCount == 0) echo "0%"; else echo
1612         round(($singlecrownFCCount/$singlecrownCount
1613             )*100)."%";
1614     echo " <td>$singlecrownMCount
1615     <td>";
1616     if($singlecrownCount == 0) echo "0%"; else echo
1617         round(($singlecrownMCount/
1618             $singlecrownCount)*100)."%";
1619     echo " <td>";
1620     if($femaleCount == 0) echo "0%"; else echo round(
1621         (($singlecrownFCCount/$femaleCount)*100)."%";
1622     echo " <td>";
1623     if($maleCount == 0) echo "0%"; else echo round((
1624         $singlecrownMCount/$maleCount)*100)."%";
1625     echo " <td>";
1626     if($totalCount == 0) echo "0%"; else echo round((
1627         $singlecrownCount/$totalCount)*100)."%";
1628     echo " </tr>";
1629 }
1630 if($posterior == 'Yes') {
1631     echo " <tr>
1632     <td>Posterior
1633     <td>$posCount
1634     <td>$posFCCount
1635     <td>";
1636     if($posCount == 0) echo "0%"; else echo round((
1637         $posFCCount/$posCount)*100)."%";
1638     echo " <td>$posMCount
1639     <td>";
1640     if($posCount == 0) echo "0%"; else echo round((
1641         $posMCount/$posCount)*100)."%";
1642     echo " <td>";
1643     if($totalCount == 0) echo "0%"; else echo round((
1644         $posCount/$totalCount)*100)."%";
1645     echo " </tr>";
1646 }
1647 if($bridge == 'Yes') {
1648     echo " <tr>
1649     <td>Bridge
1650     <td>$bridgeCount
1651     <td>$bridgeFCCount
1652     <td>";
1653     if($bridgeCount == 0) echo "0%"; else echo round(
1654         (($bridgeFCCount/$bridgeCount)*100)."%";
1655     echo " <td>$bridgeMCount
1656     <td>";
1657     if($bridgeCount == 0) echo "0%"; else echo round(
1658         (($bridgeMCount/$bridgeCount)*100)."%";
1659     echo " <td>";
1660     if($femaleCount == 0) echo "0%"; else echo round(
1661         (($bridgeFCCount/$femaleCount)*100)."%";
1662     echo " <td>";
1663     if($maleCount == 0) echo "0%"; else echo round((
1664         $bridgeMCount/$maleCount)*100)."%";
1665     echo " <td>";
1666     if($totalCount == 0) echo "0%"; else echo round((
1667         $bridgeCount/$totalCount)*100)."%";
1668     echo " </tr>";
1669 }
1670 echo " <tr>
1671 <td> <br>Total no. of cases
1672 <td> <br><b>".($c1Count + $c2Count + $c3Count
1673     + $c4Count + $c5Count + $olCount +
1674     $extracCount + $odonCount + $specclassCount +
1675     $orthodonticsCount + $pedodonticsCount +
1676     $pulpstedCount + $rocCount + $stemfillCount +
1677     $lamedntedCount + $antCount + $posCount +
1678     $bridgeCount + $singlecrownCount)." </b>
1679 </tr>
1680 </table>";
1681 }
1682 ?>
1683 <br>
1684 <br>
1685 </form>
1686 </div><br><br>
1687 </body>
1688 </html>

```

Listing 118: studenttasksview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
6     ".base_url()."css/style.css'>";
7 echo "<script type='text/javascript' src='".base_url(
8     ").js/dynamic.js'></script>";
9 echo "<script type='text/javascript' src='".base_url(
10     ").js/patientdb.js'></script>";
11
12 $session_data = $this->session->userdata('logged.in');
13 $username = $session_data['username'];
14
15 $session_data = $this->session->userdata('
16     current_patient');
17 $id = $session_data['id'];
18 ?>
19
20 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
21     Transitional//EN" "http://www.w3.org/TR/xhtml1
22     /DTD/xhtml1-transitional.dtd">
23 <html xmlns="http://www.w3.org/1999/xhtml">
24 <head>
25 <link href="<?php echo base_url(); ?>css/ui-lightness/
26     jquery-ui-1.10.3.custom.css" rel="stylesheet">
27 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
28     "></script>
29 <script src="<?php echo base_url(); ?>js/jquery-ui
30
31     -1.10.3.custom.js"></script>
32 <?php
33 $session_data = $this->session->userdata('logged.in');
34 $sect = $session_data['section'];
35 $section = "";
36 foreach($sect as $row){
37     if($row != "System Maintenance"){
38         $section = $row;
39         break;
40     }
41 }
42 ?>
43 <title>Tasks - <?php echo $section; ?></title>
44 <link rel="shortcut icon" href="<?php echo base_url();
45     ?>images/upcd-20140224-favicon.ico">
46 </head>
47 <body>
48 <div class="maindiv">
49 <div align="left" style="left: 10%;"><br><a href="<?
50     php echo base_url(); ?>index.php/home"> Go Back
51 </a></div><br>
52 <table align="center" class="altcolor" style="width:90%;
53     left:10%; text-align: center;">
54 <tr class="header">
55 <td colspan=6> Tasks Lists
56 </tr>

```

```

48 <tr>
49 <td><br>
50 <td><b>Tasks</b>
51 <td><b>Patient Name</b>
52 </tr>
53 <?php if($info){
54     $count = sizeof($info);
55     $pntname = "";
56     $ctr = 1;
57     foreach($info as $row){
58         $patient = $this->patient->getPatient($row['
           UPCD.ID']);
59
60         foreach($patient as $row2){
61             $pntname = $row2['patientFName']. " ".substr(
               $row2['patientMName'], 0, 1). " ". $row2['
                 patientLName'];
62         }
63     }
64     echo "<tr><td> $ctr ";

```

Listing 119: treatmentplanview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
   ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='".base_url().
   "js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='".base_url().
   "js/patientdb.js'></script>";
8
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
   Transitional//EN" "http://www.w3.org/TR/xhtml1
   /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml">
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
   jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
   "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
   -1.10.3.custom.js"></script>
16
17 <?php
18 $session_data = $this->session->userdata('logged_in');
19 $sect = $session_data['section'];
20 $section = "";
21 foreach($sect as $row){
22     if($row != "System Maintenance"){
23         $section = $row;
24         break;
25     }
26 }
27
28
29
30 <title>Treatment Plan - <?php echo $section; ?></
   title>
31 <link rel="shortcut icon" href="<?php echo base_url();
   ?>images/upcd-20140224-favicon.ico">
32 <script type="text/javascript">
33
34
35 </script>
36 </head>
37 <?php
38 $session_data = $this->session->userdata('logged_in');
39 $username = $session_data['username'];
40
41 $session_data2 = $this->session->userdata('has_error');
42 $invalid_input = $session_data2['invalid_input'];
43
44 if($recordexist){
45     foreach($info as $row){
46         $chiefcomp = $row['chiefcomplaints'];
47         $perio = $row['perio'];
48         $rpd = $row['rpd'];
49         $resto = $row['resto'];
50         $os = $row['os'];
51         $fpd = $row['fpd'];
52         $pedo = $row['pedo'];
53         $endo = $row['endo'];
54         $cd = $row['cd'];
55         $ortho = $row['ortho'];
56         $ptp = $row['proposedtreatment'];
57     }
58 }
59
60
61 <body>
62
63 <div class="maindiv">
64 <?php include('patient_header.php'); ?>
65
66 <div id="Content_Area">
67
68 <form id="ADDTREATMENTPLAN" name="
   ADDTREATMENTPLAN" action="<?php echo
   base_url(); ?>index.php/verifyaddtreatmentplan"
   method="post">
69
70 <br><a href="<?php echo base_url(); ?>index.php/
   loaddashboard/patientdb/<?php echo $id; ?>">
   Dashboard </a> &nbsp;&nbsp;<a href="<?php echo
   base_url(); ?>index.php/viewtreatmentplanversions">
   View Versions </a><br><br>
71
72 <div class="validationexc" style="display: <?php if($this
   ->session->userdata('has_error')) echo 'block'; else
   'none' ?>;">
73 <?php $session_data = $this->session->userdata('
   has_error');
74     echo $session_data['error'];
75
76
77 </div>
78 <div style="position: relative; text-align:right; color:
   red; right: 5%;"><i>* means required</i></div>
79
80 <table frame="box" class="frame">
81 <tr class="header">
82 <td colspan=2>Treatment Plan
83 </tr>
84 <tr>
85 <td>Chief Complaints: <font color='red'>*</font>
86 <td><input type="text" name="chiefcomp" id="
   chiefcomp" value="<?php if($invalid_input) echo
   $session_data2['chiefcomp']; elseif($recordexist
   == true) echo $chiefcomp; ?>">
87 </tr>
88 <tr>
89 <td><label for="servcode">Service Code: <font
   color='red'>*</font>
90 <td>
91 <table>
92 <tr>
93 <td><input type="checkbox" name="servcode[]"
   value="PERIO" <?php if($invalid_input &&&
   $session_data2['perio']) echo "checked"; elseif(
   $recordexist == true &&& $perio=="Yes") echo
   'checked'; ?>> PERIO
94 <td><input type="checkbox" name="servcode[]"
   value="RPD" <?php if($invalid_input &&&
   $session_data2['rpd']) echo "checked"; elseif(
   $recordexist == true &&& $rpd=="Yes") echo '
   checked'; ?>> RPD
95 <td><input type="checkbox" name="servcode[]"
   value="Resto" <?php if($invalid_input &&&
   $session_data2['resto']) echo "checked"; elseif(
   $recordexist == true &&& $resto=="Yes") echo
   'checked'; ?>> Resto
96 </tr>
97 <tr>
98 <td><input type="checkbox" name="servcode[]"
   value="OS" <?php if($invalid_input &&&
   $session_data2['os']) echo "checked"; elseif(
   $recordexist == true &&& $os=="Yes") echo '
   checked'; ?>> OS
99 <td><input type="checkbox" name="servcode[]"
   value="FPD" <?php if($invalid_input &&&
   $session_data2['fpd']) echo "checked"; elseif(
   $recordexist == true &&& $fpd=="Yes") echo '
   checked'; ?>> FPD
100 <td><input type="checkbox" name="servcode[]"
   value="PEDO" <?php if($invalid_input &&&
   $session_data2['pedo']) echo "checked"; elseif(
   $recordexist == true &&& $pedo=="Yes") echo
   'checked'; ?>> PEDO
101 </tr>
102 <td><input type="checkbox" name="servcode[]"
   value="ENDO" <?php if($invalid_input &&&
   $session_data2['endo']) echo "checked"; elseif(

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```

        $recordexist == true && $sendo=="Yes") echo 'checked'; ?>> ENDO
103 <td><input type="checkbox" name="servcode[]" value="CD" <?php if($invalid_input && $session_data2['cd']) echo "checked"; elseif($recordexist == true && $scd=="Yes") echo 'checked'; ?>> CD
104 <td><input type="checkbox" name="servcode[]" value="Ortho" <?php if($invalid_input && $session_data2['ortho']) echo "checked"; elseif($recordexist == true && $ortho=="Yes") echo 'checked'; ?>> Ortho
105 </tr>
106 </table>
107 </tr>
108 <tr>
109 <td>Proposed Treatment Plan<font color='red'>*</font>
110 <td><textarea id="ptp" name="ptp" cols=30><?php if($invalid_input) echo $session_data2['ptp']; elseif($recordexist == true) echo $ptp; ?></textarea>
111 <tr>
112 </table><br><br>
113 </table><br><br>
114 <input type="submit" value="Save"/> <input type="reset" value="Clear entries"/><br><br>
115 </div>
116 </form>
117 </div>
118 </div>
119 </div>
120 </div>
121 </body>
122 </html>

```

Listing 120: treatmentplanreadonlyview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
  ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='\".base_url().
  \"js/dynamic.js\"></script>";
7 echo "<script type='text/javascript' src='\".base_url().
  \"js/patientdb.js\"></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
  Transitional//EN" "http://www.w3.org/TR/xhtml1
  /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml">
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
  jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
  "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
  -1.10.3.custom.js"></script>
16
17 <?php
18 $session_data = $this->session->userdata('logged_in');
19 $sect = $session_data['section'];
20 $section = "";
21 foreach($sect as $row){
22 if($row != "System Maintenance"){
23 $section = $row;
24 break;
25 }
26 }
27
28 ?>
29
30 <title>Treatment Plan - <?php echo $section; ?></
  title>
31 <link rel="shortcut icon" href="<?php echo base_url();
  ?>images/upcd-20140224-favicon.ico">
32 <script type="text/javascript">
33
34 </script>
35 </head>
36 <?php
37 $session_data = $this->session->userdata('logged_in');
38 $username = $session_data['username'];
39
40 $session_data2 = $this->session->userdata('has_error');
41 $invalid_input = $session_data2['invalid_input'];
42
43 if($recordexist){
44 foreach($info as $row){
45 $chiefcomp = $row['chiefcomplaints'];
46 $perio = $row['perio'];
47 $rpd = $row['rpd'];
48 $resto = $row['resto'];
49 $sos = $row['sos'];
50 $fpd = $row['fpd'];
51 $pedo = $row['pedo'];
52 $sendo = $row['endo'];
53 $scd = $row['cd'];
54 $ortho = $row['ortho'];
55 $ptp = $row['proposedtreatment'];
56
57 }
58 }
59 ?>
60 <body>
61
62 <div class="maindiv" style="border:0px;">
63 <?php include('patient_header.php'); ?>
64
65 <div id="Content_Area" style="border: solid 1px #7
  F00FF;">
66
67 <form id="ADDTREATMENTPLAN" name="
  ADDTREATMENTPLAN" action="<?php echo
  base_url();?>index.php/verifyaddtreatmentplan"
  method="post">
68
69 <br><?php if($forapproval) echo "<h4 style='color:red
  ;'>This patient's record is currently subject for
  approval.</h4>";
70
71 elseif($private) echo "<h4 style='color:red;' align='
  center'>This patient's record is under other
  clinician's supervision.</h4>"; ?>
72
73 <div class="validationexc" style="display: <?php if($this
  ->session->userdata('has_error')) echo 'block'; else
  'none' ?>";>
74 <?php $session_data = $this->session->userdata('
  has_error');
75 echo $session_data['error'];
76 ?>
77 </div>
78
79 <table frame="box" class="frame">
80 <tr class="header">
81 <td colspan=2>Treatment Plan
82 </tr>
83 <tr>
84 <td>
85 <td> Chief Complaints:
86 <td><input type="text" name="chiefcomp" id="
  chiefcomp" value="<?php if($invalid_input) echo
  $session_data2['chiefcomp']; elseif($recordexist
  == true) echo $chiefcomp; ?>" readonly disabled
  >
87 </tr>
88 <tr>
89 <td><label for="servcode">Service Code:
90 <td>
91 <table>
92 <tr>
93 <td><input type="checkbox" name="servcode[]"
  value="PERIO" <?php if($invalid_input &&
  $session_data2['perio']) echo "checked"; elseif(
  $recordexist == true && $perio=="Yes") echo
  'checked'; ?> disabled> PERIO
94 <td><input type="checkbox" name="servcode[]"
  value="RPD" <?php if($invalid_input &&
  $session_data2['rpd']) echo "checked"; elseif(
  $recordexist == true && $rpd=="Yes") echo '
  checked'; ?> disabled> RPD
95 <td><input type="checkbox" name="servcode[]"
  value="Resto" <?php if($invalid_input &&
  $session_data2['resto']) echo "checked"; elseif(
  $recordexist == true && $resto=="Yes") echo
  'checked'; ?> disabled> Resto
96 </tr>
97 <tr>
98 <td><input type="checkbox" name="servcode[]"
  value="OS" <?php if($invalid_input &&
  $session_data2['os']) echo "checked"; elseif(
  $recordexist == true && $os=="Yes") echo '
  checked'; ?> disabled> OS
99 <td><input type="checkbox" name="servcode[]"
  value="FPD" <?php if($invalid_input &&
  $session_data2['fpd']) echo "checked"; elseif(
  $recordexist == true && $fpd=="Yes") echo '
  checked'; ?> disabled> FPD
100 <td><input type="checkbox" name="servcode[]"
  value="PEDO" <?php if($invalid_input &&
  $session_data2['pedo']) echo "checked"; elseif(
  $recordexist == true && $pedo=="Yes") echo
  'checked'; ?> disabled> PEDO
101 </tr>
102 <td><input type="checkbox" name="servcode[]"
  value="ENDO" <?php if($invalid_input &&
  $session_data2['endo']) echo "checked"; elseif(
  $recordexist == true && $sendo=="Yes") echo

```

```

103         'checked'; ?> disabled> ENDO
104     <td><input type="checkbox" name="servcode[]"
        value="CD" <?php if($invalid_input &&
        $session_data2['cd']) echo "checked"; elseif(
        $recordexist == true && $cd=="Yes") echo '
        checked'; ?> disabled> CD
105     <td><input type="checkbox" name="servcode[]"
        value="Ortho" <?php if($invalid_input &&
        $session_data2['ortho']) echo "checked"; elseif(
        $recordexist == true && $ortho=="Yes")
        echo 'checked'; ?> disabled> Ortho
106     </tr>
107 </table>
108 </tr>
109 <td>Proposed Treatment Plan
110     <td><textarea id="ptp" name="ptp" cols=30
        readonly disabled><?php if($invalid_input) echo
        $session_data2['ptp']; elseif($recordexist ==
        true) echo $ptp; ?></textarea>
111     </tr>
112
113 </table><br><br>
114
115 <br><br>
116 </div>
117 </form>
118
119 </div>
120
121 </body>
122 </html>

```

Listing 121: viewappointmentsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
    ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='".base_url()
    ().'js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='".base_url()
    ().'js/patientdb.js'></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml">
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
    jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
    -1.10.3.custom.js"></script>
16
17 <?php
18 $sec = $session_data['section'];
19 $sect = "";
20 foreach($sec as $row){
21     if($row != "System Maintenance");
22     $sect = $row;
23 } ?>
24
25 <title>View Appointments - <?php echo $sect; ?></
    title>
26 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
27 <script type="text/javascript">
28
29 function setIDvalue(txt){
30
31     document.getElementById('patientid').value = txt;
32
33     window.location = "http://localhost/DentISt/index.php/
    setappointment";
34 }
35
36 function confirmDeleteSched(choice){
37     var conf = confirm("Are you sure you want to delete
    this schedule?");
38     if(conf == true){
39         var url = "http://localhost/DentISt/index.php/
    deletesched/delete/" + choice;
40         window.location = url;
41     }
42 }
43
44 </script>
45 </head>
46 <?php
47 $session_data = $this->session->userdata('logged.in');
48 $username = $session_data['username'];
49
50 $session_data = $this->session->userdata('
    current_patient');
51 $id = $session_data['id'];

```

Listing 122: viewaudittrailview.php

```

1 <?php
2 include('header.php');
3 echo "<link rel='stylesheet' type='text/css' href='
    ".base_url()."css/style.css'>";
4 ?>
5
6 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1

```

```

52 ?>
53 <body>
54
55 <div class="validation" style="display:<?if(
    validation_errors() == true) echo 'block'; else echo
    'none'?>">
56 <?php echo validation_errors(); ?>
57 </div>
58 <div class="maindiv">
59
60 <div align="left"><br><a href="<?php echo base_url()
    ;?>index.php/home"> Go Back </a></div><br>
61
62 <table class="altcolor" align="center" style="width:98%;
    left:1%; text-align:center;">
63 <tr class="header">
64 <td colspan=6> Appointments
65 </tr>
66 <tr>
67 <td><br>
68 <td><b>Patient</b>
69 <td><b>Date</b>
70 <td>
71 <td>
72 <td>
73 <?php
74 if($appointments){
75     $count = sizeof($appointments);
76     $ctr = 1;
77     $patientname = "";
78     foreach($appointments as $row){
79         $patient = $this->patient->getPatient($row['
            UPCD_ID']);
80         foreach($patient as $row2){
81             $patientname = $row2['patientFName']. " ".substr(
                $row2['patientMName'], 0, 1)." ". $row2['
                patientLName'];
82         }
83         echo "<tr><td>". $ctr;
84         echo "<td><a href='".base_url()."index.php/
            loaddashboard/patientdb/".$row['UPCD_ID']."'
            '>". $patientname." </a>";
85         echo "<td>". $row['appointmentDate'];
86         echo "<td>";
87         if($row['appointmentDate'] == 'Pending') echo "<a
            href='".base_url()."index.php/setappointment/
            patient/".$row['UPCD_ID']."' onClick='
            setIDvalue('". $row['UPCD_ID']."')> Set
            Appointment </a>";
88         else echo "<a href='".base_url()."index.php/
            setappointment/patient/".$row['UPCD_ID']."'
            '> Reschedule </a> &nbsp; &nbsp; <a href
            ='#\"' onClick='confirmDeleteSched('". $row['
            UPCD_ID']."')> Remove </a>";
89         echo "</tr>";
90         $ctr++;
91     }
92 }
93 else echo "<tr><td colspan=4> <br>No
    appointments found </tr>";
94 ?>
95 <input type=hidden name="id" id="patientid" >
96 </table><br>
97
98 </form>
99 </div><br><br>
100
101 </body>
102 </html>

```

```

7 /DTD/xhtml1-transitional.dtd">
8 <html xmlns="http://www.w3.org/1999/xhtml">
9 <head>
10 <?php
11 $session_data = $this->session->userdata('logged.in');
12 $sect = $session_data['section'];
13 $section = "";
14 foreach($sect as $row){
15     if($row != "System Maintenance"){
16         $section = $row;

```

```

16     break;
17 }
18 }
19 if($section == ""){
20     $section = "System Administrator";
21 }
22
23 ?>
24
25     <title>Audit Trail - <?php echo $section; ?> </title>
26     <link rel="shortcut icon" href="<?php echo base_url();
27     ?>images/upcd-20140224-favicon.ico">
28     <script type="text/javascript">
29     function confirmDelete(choic){
30         var conf = confirm("Delete this user?");
31         if(conf == true){
32             var url = "http://localhost/DentIST/index.php/
33             deleteuser/delete/" + choice;
34             window.location = url;
35         }
36     }
37 </script>
38 <script>
39
40     $(function() {
41         $('#auditfrom').datepicker({
42             dateFormat: 'yy-mm-dd',
43             showAnim: 'slideDown',
44             changeMonth: true,
45             changeYear: true,
46             yearRange: '1910:2014',
47             onClose: function( selectedDate ) {
48                 $('#auditto').datepicker( "option", "minDate",
49                 selectedDate );
50             });
51     });
52
53     $(function() {
54         $('#auditto').datepicker({
55             dateFormat: 'yy-mm-dd',
56             showAnim: 'slideDown',
57             changeMonth: true,
58             changeYear: true,
59             yearRange: '1910:2014',
60             onClose: function( selectedDate ) {
61                 $('#auditfrom').datepicker( "option", "maxDate",
62                 selectedDate );
63             });
64     });
65 </script>
66
67 </head>
68 <body>
69 <?php include('navigation.php'); ?>
70 <div class="maindiv">
71 <h3 align=center>Audit Trail </h3>
72
73 <form action="<?php echo base_url().index.php/
74 searchaudittrail?>" method=post>
75
76 Search Input: <input type="text" name="searchtext" id="
77 searchtext" class="search"> <input type="text"
78 class="datepicker" name="auditfrom" id="
79 auditfrom" placeholder="From"> <input type="text"
80 class="datepicker" name="auditto" id="auditto"
81 placeholder="To"> <br> <br>
82 <select name="audit.action">
83 <option value=""> Select one..
84 <option value="LOGIN"> LOGIN
85 <option value="LOGOUT"> LOGOUT
86 <option value="SELECT"> SELECT
87 <option value="INSERT"> INSERT
88 <option value="DELETE"> DELETE
89 <option value="UPDATE"> UPDATE
90 </select>

```

Listing 123: viewclinicianappointmentsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
6 ".base_url()."css/style.css'>";
7 echo "<script type='text/javascript' src='".base_url
8 ()."js/dynamic.js'></script>";
9 echo "<script type='text/javascript' src='".base_url
10 ()."js/patientdb.js'></script>";
11 ?>
12
13 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
14 Transitional//EN" "http://www.w3.org/TR/xhtml1
15 /DTD/xhtml1-transitional.dtd">
16 <html xmlns="http://www.w3.org/1999/xhtml">
17 <head>
18 <link href="<?php echo base_url(); ?>css/ui-lightness/
19 jquery-ui-1.10.3.custom.css" rel="stylesheet">
20 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
21 "></script>
22 <script src="<?php echo base_url(); ?>js/jquery-ui
23 -1.10.3.custom.js"></script>
24
25 <?php
26 $session_data = $this->session->userdata('logged_in');

```



```

19     $sect = $session_data['section'];
20     $section = "";
21     foreach($sect as $row){
22         if($row != "System Maintenance"){
23             $section = $row;
24             break;
25         }
26     }
27
28     $session_data = $this->session->userdata('
        current_patient');
29     $id = $session_data['id'];
30
31     ?>
32
33     <title>View Clinician Appointments - <?php echo
        $section; ?></title>
34 <link rel="shortcut icon" href="<?php echo base_url();
        ?>images/upcd-20140224-favicon.ico">
35 <script type="text/javascript">
36
37 </script>
38 </head>
39 <?php
40 $session_data = $this->session->userdata('logged_in');
41 $username = $session_data['username'];
42
43 $session_data = $this->session->userdata('
        current_patient');
44 $id = $session_data['id'];
45
46 ?>
47 <body>
48
49 <div class="validation" style="display:<?if(
        validation_errors() == true) echo 'block'; else echo
        'none'?>">
50
51 <?php echo validation_errors(); ?>
52 </div>
53 <div class="maindiv">
54
55 <div align="left"><br><a href="<?php echo base_url()
        ;?>index.php/dentaldata/patient/<?php echo $id;
        ?>"> Go Back </a></div><br>
56
57 <table class="altcolor" align="center" style="width:98%;
        left:1%; text-align:center;">
58 <tr class="header">
59 <td colspan=6> Clinician Appointments
60 </tr>
61 <tr>
62 <td><br>
63 <td><b>Patient</b>
64 <td><b>Clinician</b>
65 <td><b>Date of Appointment</b>
66 </tr>
67 <?php
68 $ctr = 0;
69 if($appointments){
70     $count = sizeof($appointments);
71     $patientname = "";
72     $studentname = "";
73     foreach($appointments as $row){
74         if(!empty($row)){
75             foreach($row as $row2){
76                 $patient = $this->patient->getPatient($row2['
                    UPCD_ID']);
77                 foreach($patient as $row3){
78                     $patientname = $row3['patientFName']. " ".substr
                        ($row3['patientMName'], 0, 1)." ". $row3['
                            patientLName'];
79                 }
80                 $student = $this->user->getUserInfopt1($row2['
                    studentID']);
81                 foreach($student as $row3){
82                     $studentname = $row3['userFName']. " ".substr(
                        $row3['userMName'], 0, 1)." ". $row3['
                            userLName'];
83                 }
84                 echo " <tr><td>".($ctr+1);
85                 echo " <td><a href="."base_url()."index.php/
                    loaddashboard/patientdb/"."$row2['UPCD_ID'
                        ].".">". $patientname." </a>";
86                 echo " <td>". $studentname;
87                 echo " <td>". $row2['appointmentDate'];
88                 echo " </tr>";
89                 $ctr++;
90             }
91         }
92     }
93 }
94 if($ctr == 0) echo " <tr> <td colspan=4> <br> No
        appointments found </br>";
95 ?>
96
97 </table><br>
98
99 </form>
100 </div><br><br>
101
102 </body>
103 </html>

```

Listing 124: viewcliniciansview.php

```

1 <?php
2 include('header.php');
3 echo "<link rel='stylesheet' type='text/css' href='
        ".base_url()."css/style.css">";
4
5 ?>
6
7 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
        Transitional//EN" "http://www.w3.org/TR/xhtml1
        /DTD/xhtml1-transitional.dtd">
8 <html xmlns="http://www.w3.org/1999/xhtml">
9 <head>
10 <?php $session_data = $this->session->userdata('
        logged_in');
11     $sect = $session_data['section'];
12     $section = "";
13     foreach($sect as $row){
14         if($row != "System Maintenance"){
15             $section = $row;
16             break;
17         }
18     }
19     ?>
20
21     <title>View Clinicians - <?php echo $section; ?> </
        title>
22 <link rel="shortcut icon" href="<?php echo base_url();
        ?>images/upcd-20140224-favicon.ico">
23 <script type="text/javascript">
24 function confirmDelete(choic){
25     var conf = confirm("Delete this user?");
26     if(conf == true){
27         var url = "http://localhost/DentIST/index.php/
            deleteuser/delete/" + choic;
28         window.location = url;
29     }
30 }
31 </script>
32 </head>
33 <body>
34 <?php include('navigation.php'); ?>
35 <div class="maindiv">
36
37 <?php $session_data = $this->session->userdata('
        logged_in');
38     $sect = $session_data['section'];
39     $section = "";
40     foreach($sect as $row){
41         if($row != "System Maintenance"){
42             $section = $row;
43             break;
44         }
45     }
46     ?>
47
48 <h3 align=center> <?php echo $section; ?> Clinicians </
        h3>
49
50 <form action="<?php echo base_url()."index.php/
        searchuser??" method=post>
51
52 <hr width="95%">
53 <br>
54 <center>
55 <table class="altcolor" cellpadding=5px width="90%">
56 <tr class="header">
57 <td class="tab" align="center"> User
58 <td class="tab" align="center"> Username
59 <td class="tab" align="center"> Role
60 </tr>
61 <?php
62 if($users == FALSE) echo "users:". $users;
63 else{
64     foreach($users as $row){
65         $uname = $row['username'];
66         echo " <tr class='tab'><td class='tab'>". $row['
            userFName']. " ". $row['userLName'];
67         echo " <td class='tab'>". $row['username'];
68         echo " <td class='tab'>". $row['role_type'];
69     }
70 }
71 ?>
72 </table>
73
74 </center>
75 </form>
76 </div>
77 </body>

```

Listing 125: viewconsultationversionsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
  ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='\".base_url
  ().\"js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='\".base_url
  ().\"js/patientdb.js'></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
  Transitional//EN" "http://www.w3.org/TR/xhtml1
  /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
  jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
  "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
  -1.10.3.custom.js"></script>
16
17 <title>Consultation and Findings - View Versions</
  title>
18 <link rel="shortcut icon" href="<?php echo base_url();
  ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21 </script>
22 </head>
23 <?php
24 $session_data = $this->session->userdata('logged_in');
25 $username = $session_data['username'];
26
27 $session_data = $this->session->userdata('
  current_patient');
28 $id = $session_data['id'];
29
30 ?>
31 <body>
32
33 <div class="validation" style="display:<?if(
  validation_errors() == true) echo 'block'; else echo
  'none'?>>
34 <?php echo validation_errors(); ?>
35 </div>
36 <div class="maindiv">

```

Listing 126: viewdentalchartversionsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
  ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='\".base_url
  ().\"js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='\".base_url
  ().\"js/patientdb.js'></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
  Transitional//EN" "http://www.w3.org/TR/xhtml1
  /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
  jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
  "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
  -1.10.3.custom.js"></script>
16
17 <title>Dental Chart - View Versions</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
  ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21 </script>
22 </head>
23 <?php
24 $session_data = $this->session->userdata('logged_in');
25 $username = $session_data['username'];
26

```

```

38 <div align="left"><br><a href="<?php echo base_url()
  ?>index.php/dentalchart/patient/<?php echo $id;
  ?>"> Go Back </a></div><br>
39
40
41 <table align="center" class="altcolor" style="width:98%;
  left:1%; text-align:center;">
42 <tr class="header">
43 <td colspan=6> Consultation and Findings Versions
44 </tr>
45 <tr>
46 <td><b>Version</b></td>
47 <td><b>Updated By</b></td>
48 <td><b>Update Date</b></td>
49 <td><b>Status</b></td>
50 <td><b>Approved By</b></td>
51 <td><b>Approved On </b></td>
52 </tr>
53 <?php if($version){
54 $count = sizeof($version);
55 $ctr = 1;
56 foreach($version as $row){
57 echo "<tr><td><a href='\".base_url()."index.php/
  consultationandfindings/view/\".$row['UPCD_ID'
  ].\"/".$row['confindversionID'].\"'>\".Version ".
  $ctr."</a>";
58 $student = $this->user->getUserInfo($row['
  updatedBy']);
59 $faculty = $this->user->getUserInfo($row['
  approvedBy']);
60 echo "<td>\".$student['userFName'].\" ".substr(
  $student['userMName'], 0, 1).\" ".substr(
  $student['userLName'],
61 $row['updateDate'];
62 echo "<td>\".$row['updateStatus'];
63 echo "<td>\".$faculty['userFName'].\" ".substr(
  $faculty['userMName'], 0, 1).\" ".substr(
  $faculty['
  userLName'];
64 echo "<td>\".$row['approvedOn'];
65 echo "</tr>";
66 $ctr++;
67 }
68 }
69 else echo "<tr> <td colspan=5><br> No versions
  found </tr> ";
70 ?>
71
72 </table><br>
73
74 </form>
75 </div><br><br>
76
77 </body>
78 </html>

```

```

28 $session_data = $this->session->userdata('
  current_patient');
29 $id = $session_data['id'];
30
31 ?>
32 <body>
33
34 <div class="validation" style="display:<?if(
  validation_errors() == true) echo 'block'; else echo
  'none'?>>
35 <?php echo validation_errors(); ?>
36 </div>
37 <div class="maindiv">
38
39 <div align="left"><br><a href="<?php echo base_url()
  ?>index.php/dentalchart/patient/<?php echo $id;
  ?>"> Go Back </a></div><br>
40
41 <table align="center" class="altcolor" style="width:98%;
  left:1%; text-align:center;">
42 <tr class="header">
43 <td colspan=6> Dental Chart Versions
44 </tr>
45 <tr>
46 <td><b>Version</b></td>
47 <td><b>Updated By</b></td>
48 <td><b>Update Date</b></td>
49 <td><b>Status</b></td>
50 <td><b>Approved By</b></td>
51 </tr>
52 <?php if($version){
53 $count = sizeof($version);
54 $ctr = 1;
55 foreach($version as $row){
56 echo "<tr><td><a href='\".base_url()."index.php/
  dentalchart/view/\".$row['UPCD_ID'].\"/".$row['
  dentalchartversionID'].\"'>\".Version ".$ctr."</a
  >";
57 $student = $this->user->getUserInfo($row['
  updatedBy']);

```

```

58     $faculty = $this->user->getUserInfo($row['
    approvedBy']);
59     echo "<td>". $student['userFName']. " ". substr(
        $student['userMName'], 0, 1). ". ". $student['
        userLName'];
60     echo "<td>". $row['updateDate'];
61     echo "<td>". $row['updateStatus'];
62     echo "<td>". $faculty['userFName']. " ". substr(
        $faculty['userMName'], 0, 1). ". ". $faculty['
        userLName'];
63     echo "</tr>";
64     echo "<td>". $row['approvedOn'];
65     $ctr++;
66     }
67     }
68     else echo "<tr> <td colspan=5> <br>No versions
        found </tr> ";
69     ?>
70
71 </table><br>
72
73 </form>
74 </div><br><br>
75
76 </body>
77 </html>

```

Listing 127: viewdentaldataversionsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel=\"stylesheet\" type=\"text/css\" href='
    ".base_url()."css/style.css'>";
6 echo "<script type=\"text/javascript\" src=\"".base_url
    (). "js/dynamic.js\"></script>";
7 echo "<script type=\"text/javascript\" src=\"".base_url
    (). "js/patientdb.js\"></script>";
8
9 ?>
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
    jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
    -1.10.3.custom.js"></script>
16
17 <title>Dental Data - View Versions</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21 </script>
22 </head>
23 <?php
24 $session_data = $this->session->userdata('logged.in');
25 $userid = $session_data['userid'];
26 $username = $session_data['username'];
27
28 $session_data = $this->session->userdata('
    current_patient');
29 $id = $session_data['id'];
30
31 ?>
32 <body>
33
34 <div class="validation" style="display:<?if(
    validation_errors() == true) echo 'block'; else echo
    'none'?>">
35 <?php echo validation_errors(); ?>
36 </div>
37 <div class="maindiv">
38
39 <div align="left"><br><a href="<?php echo base_url()
    ;?>index.php/dentaldata/patient/<?php echo $id;
    ?>"> Go Back </a></div><br>
40
41 <table align="center" class="altcolor" style="width:98%;
    left:1%; text-align:center">
42 <tr class="header">
43 <td colspan=6> Dental Data Versions
44 </tr>
45 <tr>
46 <td><b>Version</b>
47 <td><b>Updated By</b>
48 <td><b>Update Date</b>
49 <td><b>Status</b>
50 <td><b>Approved By</b>
51 </tr>
52 <?php if($version){
53     $count = sizeof($version);
54     $ctr = 1;
55     foreach($version as $row){
56         echo "<tr><td><a href=\"".base_url()."index.php/
            dentaldata/view/". $row['UPCD_ID']. "/". $row['
            dentaldataversionID']. ">". "Version ". $ctr." </a
            >";
57         $student = $this->user->getUserInfo($row['
            updatedBy']);
58         $faculty = $this->user->getUserInfo($row['
            approvedBy']);
59         echo "<td>". $student['userFName']. " ". substr(
            $student['userMName'], 0, 1). ". ". $student['
            userLName'];
60         echo "<td>". $row['updateDate'];
61         echo "<td>". $row['updateStatus'];
62         echo "<td>". $faculty['userFName']. " ". substr(
            $faculty['userMName'], 0, 1). ". ". $faculty['
            userLName'];
63         echo "<td>". $row['approvedOn'];
64         echo "</tr>";
65         $ctr++;
66     }
67     }
68     else echo "<tr> <td colspan=5> <br>No versions
        found </tr> ";
69     ?>
70
71 </table><br>
72
73 </form>
74 </div><br><br>
75
76 </body>
77 </html>

```

Listing 128: viewmedandsochistover- sionsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel=\"stylesheet\" type=\"text/css\" href='
    ".base_url()."css/style.css'>";
6 echo "<script type=\"text/javascript\" src=\"".base_url
    (). "js/dynamic.js\"></script>";
7 echo "<script type=\"text/javascript\" src=\"".base_url
    (). "js/patientdb.js\"></script>";
8
9 ?>
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
    jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
    -1.10.3.custom.js"></script>
16
17 <title>Medical & Social History - View Versions</
    title>
18 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21 </script>
22 </head>
23 <?php
24 $session_data = $this->session->userdata('logged.in');
25 $userid = $session_data['userid'];
26 $username = $session_data['username'];
27
28 $session_data = $this->session->userdata('
    current_patient');
29 $id = $session_data['id'];
30
31 ?>
32 <body>
33
34 <div class="validation" style="display:<?if(
    validation_errors() == true) echo 'block'; else echo
    'none'?>">
35 <?php echo validation_errors(); ?>
36 </div>
37 <div class="maindiv">
38 <!--<br><div align="left" style="left:1%; position:
    relative;"><a href="<?php echo base_url(); ?>
    index.php/searchpatient">Go Back</a></div
    ><br>-->

```

```

39
40 <div align="left"><br><a href="<?php echo base_url()
    ;?>index.php/medandsochistory/patient/<?php echo
    $id; ?>"> Go Back </a></div><br>
41
42 <table align="center" class="altcolor" style="width:98%;
    left:1%; text-align: center;">
43 <tr class="header">
44 <td colspan=6> Medical & Social History Versions
45 </tr>
46 <tr>
47 <td><b>Version</b>
48 <td><b>Updated By</b>
49 <td><b>Update Date</b>
50 <td><b>Status</b>
51 <td><b>Approved By</b>
52 </tr>
53 <?php if($version){
54 $count = sizeof($version);
55 $ctr = 1;
56 foreach($version as $row){
57     echo "<tr><td><a href='".base_url()."index.php/
        medandsochistory/view/'. $row['UPCD_ID']. "/".
        $row['medandsochistoversionID']. ">". "Version "
        $ctr."</a>";
58     $student = $this->user->getUserInfo($row['
        updatedBy']);

```

```

59 $faculty = $this->user->getUserInfo($row['
    approvedBy']);
60 echo "<td>". $student['userFName']. " ". substr(
    $student['userMName'], 0, 1). ". ". $student['
    userLName'];
61 echo "<td>". $row['updateDate'];
62 echo "<td>". $row['updateStatus'];
63 echo "<td>". $faculty['userFName']. " ". substr(
    $faculty['userMName'], 0, 1). ". ". $faculty['
    userLName'];
64 echo "<td>". $row['approvedOn'];
65 echo "</tr>";
66 $ctr++;
67 }
68 }
69 else echo "<tr> <td colspan=5> <br>No versions
    found </tr> ";
70 ?>
71
72 </table><br>
73
74 </form>
75 </div><br><br>
76
77 </body>
78 </html>

```

Listing 129: viewpatientchecklistversionsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
    ". base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='". base_url
    (). "js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='". base_url
    (). "js/patientdb.js'></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
    jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
    -1.10.3.custom.js"></script>
16
17 <title>Patient Checklist - View Versions</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21
22 </script>
23 </head>
24 <?php
25 $session_data = $this->session->userdata('logged_in');
26 $username_log = $session_data['username'];
27
28 $session_data = $this->session->userdata('
    current_patient');
29 $id = $session_data['id'];
30
31 ?>
32 <body>
33
34 <div class="validation" style="display:<?if(
    validation_errors() == true) echo 'block'; else echo
    'none'?'>
35 <?php echo validation_errors(); ?>
36 </div>
37 <div class="maindiv">
38 <!--<br><div align="left" style="left:1%; position:
    relative;"><a href="<?php echo base_url(); ?>

```

```

    index.php/searchpatient">Go Back</a></div
    ><br>-->
39
40 <div align="left"><br><a href="<?php echo base_url()
    ;?>index.php/patientchecklist/patient/<?php echo
    $id; ?>"> Go Back </a></div><br>
41
42 <table aling="center" class="altcolor" style="width:98%;
    left:1%; text-align: center;">
43 <tr class="header">
44 <td colspan=6> Patient Checklist Versions
45 </tr>
46 <tr>
47 <td><b>Version</b>
48 <td><b>Updated By</b>
49 <td><b>Update Date</b>
50 <td><b>Status</b>
51 <td><b>Approved By</b>
52 </tr>
53 <?php if($version){
54 $count = sizeof($version);
55 $ctr = 1;
56 foreach($version as $row){
57     echo "<tr><td><a href='".base_url()."index.php/
        patientchecklist/view/'. $row['UPCD_ID']. "/".
        $row['patientchecklistversionID']. ">". "Version "
        $ctr."</a>";
58     $student = $this->user->getUserInfo($row['
        updatedBy']);
59     $faculty = $this->user->getUserInfo($row['
        approvedBy']);
60     echo "<td>". $student['userFName']. " ". substr(
        $student['userMName'], 0, 1). ". ". $student['
        userLName'];
61     echo "<td>". $row['updateDate'];
62     echo "<td>". $row['updateStatus'];
63     echo "<td>". $faculty['userFName']. " ". substr(
        $faculty['userMName'], 0, 1). ". ". $faculty['
        userLName'];
64     echo "<td>". $row['approvedOn'];
65     echo "</tr>";
66     $ctr++;
67 }
68 }
69 else echo "<tr> <td colspan=5> <br>No versions
    found </tr> ";
70 ?>
71
72 </table><br>
73
74 </form>
75 </div><br><br>
76
77 </body>
78 </html>

```

Listing 130: viewpatientinfoversionsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
    ". base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='". base_url
    (). "js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='". base_url

```

```

    (). "js/patientdb.js'></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
    jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui

```

```

    -1.10.3.custom.js"></script>
16
17 <title>Patient Information - View Versions</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21 </script>
22 </head>
23 <?php
24 $session_data = $this->session->userdata('logged.in');
25 $username = $session_data['username'];
26
27 $session_data = $this->session->userdata('
    current_patient');
28 $id = $session_data['id'];
29
30 ?>
31 <body>
32
33 <div class="validation" style="display:<?if(
    validation_errors() == true) echo 'block'; else echo
    'none'?>">
34 <?php echo validation_errors(); ?>
35 </div>
36 <div class="maindiv">
37 <!--<br><div align="left" style="left:1%; position:
    relative;"><a href="<?php echo base_url(); ?>
    index.php/searchpatient">Go Back</a></div
    ><br>-->
38
39 <div align="left"><br><a href="<?php echo base_url()
    ;?>index.php/patientinformation/patient/<?php
    echo $id; ?>"> Go Back </a></div><br>
40
41
42 <table align="center" class="altcolor" style="width:98%;
    left:1%; text-align: center;">
43 <tr class="header">
44 <td colspan=6>Patient Information Versions
45 </tr>
46 <tr>

```

```

47 <td><b>Version</b>
48 <td><b>Updated By</b>
49 <td><b>Update Date</b>
50 <td><b>Status</b>
51 <td><b>Approved By</b>
52 </tr>
53 <?php if($version){
54 $count = sizeof($version);
55 $ctr = 1;
56 foreach($version as $row){
57 $student = $this->user->getUserInfo($row['
    updatedBy']);
58 $faculty = $this->user->getUserInfo($row['
    approvedBy']);
59
60 $echo " <td>". $student['userFName']. " ". substr(
    $student['userMName'], 0, 1). ". ". $student['
    userLName'];
61 $echo " <td>". $row['updateDate'];
62 $echo " <td>". $row['updateStatus'];
63 $echo " <td>". $faculty['userFName']. " ". substr(
    $faculty['userMName'], 0, 1). ". ". $faculty['
    userLName'];
64 $echo " <td>". $row['approvedOn'];
65 $echo " </tr>";
66 $ctr++;
67 }
68 }
69 else echo " <tr> <td colspan=5> <br>No versions
    found </tr> ";
70
71 ?>
72 </table><br>
73 </form>
74 </div><br><br>
75 </body>
76 </html>

```

Listing 131: viewradioexamversionsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 $echo " <link rel="stylesheet" type="text/css" href='
    ". base_url()."css/style.css">";
6 $echo " <script type="text/javascript" src=".".base_url
    (). "js/dynamic.js"></script>";
7 $echo " <script type="text/javascript" src=".".base_url
    (). "js/patientdb.js"></script>";
8
9 ?>
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
    Transitional//EN" "http://www.w3.org/TR/xhtml1
    /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml">
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
    jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
    "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
    -1.10.3.custom.js"></script>
16
17 <title>Radiographic Exam - View Versions</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
    ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21 </script>
22 </head>
23 <?php
24 $session_data = $this->session->userdata('logged.in');
25 $username = $session_data['username'];
26
27 $session_data = $this->session->userdata('
    current_patient');
28 $id = $session_data['id'];
29
30 ?>
31 <body>
32
33 <div class="validation" style="display:<?if(
    validation_errors() == true) echo 'block'; else echo
    'none'?>">
34 <?php echo validation_errors(); ?>
35 </div>
36 <div class="maindiv">

```

```

38
39 <div align="left"><br><a href="<?php echo base_url()
    ;?>index.php/dentalchart/patient/<?php echo $id;
    ?>"> Go Back </a></div><br>
40
41 <table align="center" class="altcolor" style="width:98%;
    left:1%; text-align: center;">
42 <tr class="header">
43 <td colspan=6>Radiographic Exam Versions
44 </tr>
45 <tr>
46 <td><b>Version</b>
47 <td><b>Updated By</b>
48 <td><b>Update Date</b>
49 <td><b>Status</b>
50 <td><b>Approved By</b>
51 </tr>
52 <?php if($version){
53 $count = sizeof($version);
54 $ctr = 1;
55 foreach($version as $row){
56 $echo " <tr><td><a href=".".base_url()."index.php/
    radiographicexam/view/" . $row['UPCD_ID']. " /".
    $row['radioexamversionID']. ">" . "Version ". $ctr.
    "</a>";
57 $student = $this->user->getUserInfo($row['
    updatedBy']);
58 $faculty = $this->user->getUserInfo($row['
    approvedBy']);
59
60 $echo " <td>". $student['userFName']. " ". substr(
    $student['userMName'], 0, 1). ". ". $student['
    userLName'];
61 $echo " <td>". $row['updateDate'];
62 $echo " <td>". $row['updateStatus'];
63 $echo " <td>". $faculty['userFName']. " ". substr(
    $faculty['userMName'], 0, 1). ". ". $faculty['
    userLName'];
64 $echo " <td>". $row['approvedOn'];
65 $echo " </tr>";
66 $ctr++;
67 }
68 }
69 else echo " <tr> <td colspan=5> <br>No versions
    found </tr> ";
70
71 ?>
72 </table><br>
73 </form>
74 </div><br><br>
75 </body>
76 </html>

```

Listing 132: viewservicesrenderedversionsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
  ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='\".base_url
  ().'js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='\".base_url
  ().'js/patientdb.js'></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
  Transitional//EN" "http://www.w3.org/TR/xhtml1
  /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
  jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
  "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
  -1.10.3.custom.js"></script>
16
17 <title>Services Rendered - View Versions</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
  ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21
22 </script>
23 </head>
24 <?php
25 $session_data = $this->session->userdata('logged_in');
26 $username_log = $session_data['username'];
27
28 $session_data = $this->session->userdata('
  current_patient');
29 $id = $session_data['id'];
30
31 ?>
32 <body>
33
34 <div class="validation" style="display:<?if(
  validation_errors() == true) echo 'block'; else echo
  'none'?>>
35 <?php echo validation_errors(); ?>
36 </div>
37 <div class="maindiv">
38
39 <div align="left"><br><a href="<?php echo base_url()
  ;?>index.php/dentalchart/patient/<?php echo $id;
  ?>"> Go Back </a></div><br>
40
41 <table align="center" class="altcolor" style="width:98%;
  left:1%; text-align: center;">
42 <tr class="header">
43 <td colspan=6> Services Rendered Versions
44 </tr>
45 <tr>
46 <td><b>Version</b>
47 <td><b>Updated By</b>
48 <td><b>Update Date</b>
49 <td><b>Status</b>
50 <td><b>Approved By</b>
51 </tr>
52 <?php if($version){
53 $count = sizeof($version);
54 $ctr = 1;
55 foreach($version as $row){
56 echo "<tr><td><a href='\".base_url()."index.php/
  servicesrendered/view/\".$row['UPCD_ID'].\"/'\".
  $row['servicesrenderedversionID'].\">\".\"Version \"
  .\"$ctr.\"</a>";
57 $student = $this->user->getUserInfo($row['
  updatedBy']);
58 $faculty = $this->user->getUserInfo($row['
  approvedBy']);
59 echo "<td>\".$student['userFName'].\" ".substr(
  $student['userMName'], 0, 1).\" ".\"$student['
  userLName'];
60 echo "<td>\".$row['updateDate'];
61 echo "<td>\".$row['updateStatus'];
62 echo "<td>\".$faculty['userFName'].\" ".substr(
  $faculty['userMName'], 0, 1).\" ".\"$faculty['
  userLName'];
63 echo "<td>\".$row['approvedOn'];
64 echo "</tr>";
65 $ctr++;
66 }
67 }
68 else echo "<tr> <td colspan=5> <br>No versions
  found </tr> ";
69 ?>
70
71 </table><br>
72
73 </form>
74 </div><br><br>
75
76 </body>
77 </html>

```

Listing 133: viewtreatmentplanversionsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
  ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='\".base_url
  ().'js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='\".base_url
  ().'js/patientdb.js'></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
  Transitional//EN" "http://www.w3.org/TR/xhtml1
  /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
  jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
  "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
  -1.10.3.custom.js"></script>
16
17 <title>Treatment Plan - View Versions</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
  ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21
22 </script>
23 </head>
24 <?php
25 $session_data = $this->session->userdata('logged_in');
26 $username_log = $session_data['username'];
27
28 $session_data = $this->session->userdata('
  current_patient');
29 $id = $session_data['id'];
30
31 ?>
32 <body>
33
34 <div class="validation" style="display:<?if(
  validation_errors() == true) echo 'block'; else echo
  'none'?>>
35 <?php echo validation_errors(); ?>
36 </div>
37 <div class="maindiv">
38
39 <div align="left"><br><a href="<?php echo base_url()
  ;?>index.php/treatmentplan/patient/<?php echo $id
  ; ?>"> Go Back </a></div><br>
40
41 <table align="center" class="altcolor" style="width:98%;
  left:1%; text-align: center;">
42 <tr class="header">
43 <td colspan=6> Treatment Plan Versions
44 </tr>
45 <tr>
46 <td><b>Version</b>
47 <td><b>Updated By</b>
48 <td><b>Update Date</b>
49 <td><b>Status</b>
50 <td><b>Approved By</b>
51 </tr>
52 <?php if($version){
53 $count = sizeof($version);
54 $ctr = 1;
55 foreach($version as $row){
56 echo "<tr><td><a href='\".base_url()."index.php/
  treatmentplan/view/\".$row['UPCD_ID'].\"/'\".
  $row['treatmentplanversionID'].\">\".\"Version \"
  .\"$ctr.\"</a>";
57 $student = $this->user->getUserInfo($row['
  updatedBy']);
58 $faculty = $this->user->getUserInfo($row['
  approvedBy']);
59 echo "<td>\".$student['userFName'].\" ".substr(
  $student['userMName'], 0, 1).\" ".\"$student['
  userLName'];
60 echo "<td>\".$row['updateDate'];
61 echo "<td>\".$row['updateStatus'];
62 echo "<td>\".$faculty['userFName'].\" ".substr(

```

```

        $faculty['userName'], 0, 1)." ".$faculty['
        userLastName'];
63     echo "<td>". $row['approvedOn'];
64     echo "</tr>";
65     $ctr++;
66 }
67 }
68 else echo "<tr> <td colspan=5> <br>No versions
        found </tr>";

```

Listing 134: viewversionsview.php

```

1 <?php
2 include('header.php');
3 include('navigation.php');
4
5 echo "<link rel='stylesheet' type='text/css' href='
        ".base_url()."css/style.css'>";
6 echo "<script type='text/javascript' src='".base_url
        ().'js/dynamic.js'></script>";
7 echo "<script type='text/javascript' src='".base_url
        ().'js/patientdb.js'></script>";
8 ?>
9
10 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
        Transitional//EN" "http://www.w3.org/TR/xhtml1
        /DTD/xhtml1-transitional.dtd">
11 <html xmlns="http://www.w3.org/1999/xhtml" >
12 <head>
13 <link href="<?php echo base_url(); ?>css/ui-lightness/
        jquery-ui-1.10.3.custom.css" rel="stylesheet">
14 <script src="<?php echo base_url(); ?>js/jquery-1.9.1.js
        "></script>
15 <script src="<?php echo base_url(); ?>js/jquery-ui
        -1.10.3.custom.js"></script>
16
17 <title>Add User – Oral Diagnosis</title>
18 <link rel="shortcut icon" href="<?php echo base_url();
        ?>images/upcd-20140224-favicon.ico">
19 <script type="text/javascript">
20
21
22 </script>
23 </head>
24 <?php
25 $session_data = $this->session->userdata('logged_in');
26 $username_log = $session_data['username'];
27
28
29
30 ?>
31 <body>
32
33 <div class="validation" style="display:<?if(

```

```

69 ?>
70
71 </table><br>
72
73 </form>
74 </div><br><br>
75
76 </body>
77 </html>

```

```

        validation_errors() == true) echo 'block'; else echo
        'none'?>>
34 <?php echo validation_errors(); ?>
35 </div>
36 <div class="maindiv">
37
38 <table frame="box" class="frame" style="width:98%;
        left:1%; text-align: center;">
39 <tr class="header">
40 <td colspan=6> Versions
41 </tr>
42 <tr>
43 <td><br>Version
44 <td><br>Updated By
45 <td><br>Update Date
46 <td><br>Status
47 <td><br>Approved By
48 </tr>
49 <?php if($version){
50 $count = sizeof($version);
51 $ctr = 1;
52 foreach($version as $row){
53     echo "<tr><td><a href='".base_url()."index.php/
        loaddashboard/patientdb/'. $row['UPCD_ID']."'/
        ". $row['versiontableID'].">". "Version ". $ctr." </
        a>";
54     echo "<td>". $row['updatedBy'];
55     echo "<td>". $row['updateDate'];
56     echo "<td>". $row['updateStatus'];
57     echo "<td>". $row['approvedBy'];
58     echo "</tr>";
59     $ctr++;
60 }
61 }
62 ?>
63
64 </table><br>
65
66 </form>
67 </div><br><br>
68
69 </body>
70 </html>

```

5. CSS

Listing 135: style.css

```

1 .maindiv{
2 border: 2px #7F00FF solid;
3 width: 76%;
4 left : 22%;
5 position: absolute;
6 text-align: center;
7 -moz-border-radius: 12px;
8 border-radius: 12px;
9 }
10
11 .validation {
12 width: 50%;
13 margin: 0 auto;
14 /*border: 2px solid red;*/
15 text-align: center;
16 padding: 1px;
17 font: 12px;
18 color: red;
19 }
20
21 .validationexc {
22 width: 50%;
23 /*height: 10px;*/
24 margin: 0 auto;
25 /*border: 2px solid red;*/
26 text-align: center;
27 padding: 1px;
28 font: 12px;
29 color: red;
30 }
31
32 table,tab, tr,tab, td,tab2{
33 /*border: 1px solid #7F00FF;*/
34 text-align:center;
35 padding: 3px;
36 /*border-collapse: collapse;
37 border-spacing: 0;*/

```

```

38 }
39
40 td,noborder{
41 border-right: 2px double #9400D3;
42 border-left: 2px double #9400D3;
43 }
44
45 .home{
46 width: 50%;
47 margin: 0 auto;
48 border: 2px solid #9400D3;
49 text-align: center;
50 padding: 5px;
51 font: 20px;
52 }
53
54 .rounded{
55 -moz-border-radius: 12px;
56 border-radius: 12px;
57 }
58
59 .rounded2{
60 border:2px solid ;
61 /*border-top-left-radius:12px;
62 border-top-right-radius:12px;*/
63 position: relative ;
64 background: #9400D3;
65 color: white;
66 padding-top: 5px;
67 padding-bottom: 5px;
68 padding-left: 5px;
69 height:80px;
70 }
71
72
73 .rounded3{
74 border-top-left-radius:12px;
75 border-top-right-radius:12px;

```

```

76 }
77
78 .rounded4{
79 border-bottom-left-radius:12px;
80 border-bottom-right-radius:12px;
81 }
82
83 input[type=text]:focus {
84 border-color: #6EA2DE;
85 box-shadow: 0px 0px 10px #6EA2DE;
86 -webkit-border-radius: 5px;
87 -moz-border-radius: 5px;
88 border-radius: 5px;
89 }
90
91 input[type=password]:focus {
92 border-color: #6EA2DE;
93 box-shadow: 0px 0px 10px #6EA2DE;
94 -webkit-border-radius: 5px;
95 -moz-border-radius: 5px;
96 border-radius: 5px;
97 }
98
99 input[type=submit]{
100 background-color: #9400D3;
101 border-color: #9400D3;
102 color: white;
103 padding: 4px;
104 -moz-border-radius: 10px;
105 border-radius: 10px;
106 }
107
108 input[type=reset]{
109 background-color: #9400D3;
110 border-color: #9400D3;
111 color: white;
112 padding: 4px;
113 -moz-border-radius: 10px;
114 border-radius: 10px;
115 }
116
117 input[type=button]{
118 background-color: #9400D3;
119 border-color: #9400D3;
120 color: white;
121 padding: 4px;
122 -moz-border-radius: 10px;
123 border-radius: 10px;
124 }
125
126 #Tabs ul {
127 padding: 0px;
128 margin: 0px;
129 margin-left: 0px;
130 list-style-type: none;
131 }
132
133 #Tabs ul li {
134 display: inline-block;
135 clear: none;
136 float: left;
137 height: 21px;
138 }
139
140 #Tabs ul li a {
141 position: relative;
142 /*margin-top: 16px;*/
143 display: block;
144 margin-left: 1px;
145 line-height: 24px;
146 padding-left: 10px;
147 padding-right: 10px;
148 background: #f6f6f6;
149 z-index: 9999;
150 border: 1px solid #7F00FF;
151 border-bottom: 0px;
152
153 /* The following four lines are to make the top left and
154 top right corners of each tab rounded. */
154 -moz-border-radius-topleft: 10px;
155 border-top-left-radius: 10px;
156 -moz-border-radius-topright: 10px;
157 border-top-right-radius: 10px;
158 /* end of rounded borders */
159
160 /*width: 130px;*/
161
162 text-decoration: none;
163 font-weight: bold;
164
165 background-color: #bfc6d6;
166 color: #465c71;
167 }
168
169 #Tabs ul li a:hover {
170 text-decoration: underline; // a very simple effect when
171 hovering the mouse on tab
172 }
173 #Tabs ul li .selected a{
174 background-color: #9400D3;
175 color: white;
176 }
177
178 #Tabs #Content_Area { // this is the css class for the
179 content displayed in each tab
180 padding: 0 15px;
181 clear: both;
182 overflow: hidden;
183 line-height: 19px;
184 position: relative;
185 top: 3px;
186 z-index: 5;
187 /*height: 150px;*/
188 overflow: hidden;
189 }
190 p { padding-left: 15px; }
191
192 .datepicker{
193 background-image:url('../images/calendar.jpeg');
194 background-repeat:no-repeat;
195 background-position: right;
196 background-size: 25px;
197 -webkit-border-radius: 5px;
198 -moz-border-radius: 5px;
199 border-radius: 5px;
200 }
201
202 .search{
203 background-image:url('../images/search.png');
204 background-repeat:no-repeat;
205 background-position: right;
206 background-size: 20px;
207 -webkit-border-radius: 5px;
208 -moz-border-radius: 5px;
209 border-radius: 5px;
210 }
211
212 table.frame{
213 border: #9400D3 1px solid;
214 position: relative;
215 left: 5%;
216 width: 90%;
217 }
218
219 table.toothAlign1 td {
220 padding-left: 52.5px;
221 }
222
223 .black_overlay{
224 display: none;
225 position: absolute;
226 top: 0%;
227 left: 5%;
228 width: 100%;
229 height: 120%;
230 background-color: black;
231 z-index:1001;
232 -moz-opacity: 0.2;
233 opacity :.20;
234 filter : alpha(opacity=20);
235 }
236
237 .white_content {
238 display: none;
239 position: absolute;
240 top: 10%;
241 left: 15%;
242 width: 70%;
243 height: 55%;
244 padding: 16px;
245 border: 5px solid #1aac9b;
246 background-color: white;
247 z-index:1002;
248 overflow: auto;
249 }
250
251 .altcolor tr:nth-child(even) {
252 background-color: #EEAEAE;
253 }
254
255 tr .header{
256 background-color: #9400D3;
257 color: white;
258 border-top: 2px solid red;
259 }
260
261 #footer {
262 clear: both;
263 position: relative;
264 z-index: 10;
265 height: 3em;
266 margin-top: -3em;
267 }
268
269 .accord{
270 padding: 5px;
271 text-align: left;

```



```

271 margin-left: 20%;
272
273 }
274
275 .accord2{

```

```

276 padding: 5px;
277 text-align: left ;
278 margin-left: 10%;
279 }

```

6. Javascript

Listing 136: dentalchartscripts.js

```

1 function drawPitFissure(tn) {
2
3   if(document.getElementById(pitfissureformid).checked
4     == true) {
5     var toothvar=document.getElementById("toothvar"+tn).
6       innerHTML;
7     document.getElementById("toothvar"+tn).innerHTML=
8       toothvar+" PFS,";
9   }
10  }
11
12  }
13
14
15
16 function drawPorcelainFused(tn) {
17
18  if(document.getElementById(porcelainfusedformid).
19    checked == true) {
20    var toothvar=document.getElementById("toothvar"+tn).
21      innerHTML;
22    document.getElementById("toothvar"+tn).innerHTML=
23      toothvar+" PFM,";
24  }
25  }
26
27  }
28
29
30 function drawRootCanal(tn) {
31
32  if(document.getElementById(rootcanalformid).checked
33    == true) {
34    var toothvar=document.getElementById("toothvar"+tn).
35      innerHTML;
36    document.getElementById("toothvar"+tn).innerHTML=
37      toothvar+" RCT,";
38  }
39  }
40
41  }
42
43 function drawFixedBridge(tn) {
44
45  if(document.getElementById(fixedbridgeformid).checked
46    == true) {
47    var toothvar=document.getElementById("toothvar"+tn).
48      innerHTML;
49    document.getElementById("toothvar"+tn).innerHTML=
50      toothvar+" FPD,";
51  }
52  }
53
54  }
55 function drawRPD(tn) {
56
57  if(document.getElementById(removablepartialformid).
58    checked == true) {
59    var toothvar=document.getElementById("toothvar"+tn).
60      innerHTML;
61    document.getElementById("toothvar"+tn).innerHTML=
62      toothvar+" RPD,";
63  }
64  }
65
66  }
67 function drawMetal(tn) {
68
69  if(document.getElementById(metalcrownformid).checked
70    == true) {
71    var toothvar=document.getElementById("toothvar"+tn).
72      innerHTML;
73    document.getElementById("toothvar"+tn).innerHTML=
74      toothvar+" C(M),";
75  }
76  }
77
78  }
79 function drawPorcelain(tn) {
80
81  if(document.getElementById(porcelaincrownformid).
82    checked == true) {
83    var toothvar=document.getElementById("toothvar"+tn).
84      innerHTML;
85    document.getElementById("toothvar"+tn).innerHTML=
86      toothvar+" C(P),";
87  }
88  }
89
90  }
91 function drawAcrylic(tn) {
92
93  if(document.getElementById(acryliccrownformid).checked
94    == true) {
95    var toothvar=document.getElementById("toothvar"+tn).
96      innerHTML;
97    document.getElementById("toothvar"+tn).innerHTML=
98      toothvar+" C(A),";
99  }
100  }
101
102  }
103 function drawPostCore(tn) {
104
105  if(document.getElementById(postcorecrownformid).
106    checked == true) {
107    var toothvar=document.getElementById("toothvar"+tn).
108      innerHTML;
109    document.getElementById("toothvar"+tn).innerHTML=
110      toothvar+" PCC,";
111  }
112  }
113
114  }
115
116 //row 1
117 function drawExtrusion(x, y, ctx50) {
118   if(document.getElementById(extrusionformid).checked
119     == true) {
120     ctx50.lineWidth="8";
121     ctx50.moveTo(x,y-25);

```

```

121 ctx50.lineTo(x,y+30);
122 ctx50.stroke();
123 ctx50.moveTo(x-20,y);
124 //ctx50.lineTo(x+20,y-10);
125 ctx50.lineTo(x,y-25);
126 ctx50.lineTo(x+20,y);
127 //ctx50.lineTo(x-20,y-10);
128 ctx50.stroke();
129
130 //ctx50.fillStyle = "#000";
131 //ctx50.fill();
132 }
133 else if (document.getElementById(extrusionformid).
134 checked == false) {
135 ctx50.clearRect(x-37,y-37,85,85);
136 }
137
138 function drawIntrusion(x, y, ctx51) {
139 if (document.getElementById(intrusionformid).checked ==
140 true) {
141 ctx51.lineWidth="8";
142 ctx51.moveTo(x,y-30);
143 ctx51.lineTo(x,y+25);
144 ctx51.stroke();
145 ctx51.moveTo(x-20,y);
146 ctx51.lineTo(x,y+25);
147 ctx51.lineTo(x+20,y);
148 //ctx51.lineTo(x-20,y+10);
149 //ctx51.fillStyle = "#000";
150 //ctx51.fill();
151 ctx51.stroke();
152 }
153 else if (document.getElementById(intrusionformid).
154 checked == false) {
155 ctx51.clearRect(x-37,y-37,85,85);
156 }
157
158 function drawMesialdrift(x, y, ctx52) {
159 if (document.getElementById(mesialdriftformid).checked
160 == true) {
161 ctx52.lineWidth = "7";
162 ctx52.moveTo(x-25, y);
163 ctx52.lineTo(x+30, y);
164 ctx52.stroke();
165 ctx52.moveTo(x,y+20);
166 ctx52.lineTo(x-25,y);
167 ctx52.lineTo(x,y-20);
168 ctx52.stroke();
169 }
170 else if (document.getElementById(mesialdriftformid).
171 checked == false) {
172 ctx52.clearRect(x-37,y-37,85,85);
173 }
174
175 function drawDistaldrift(x, y, ctx53) {
176 if (document.getElementById(distaldriftformid).checked
177 == true) {
178 ctx53.lineWidth = "7";
179 ctx53.moveTo(x-30, y);
180 ctx53.lineTo(x+25, y);
181 ctx53.stroke();
182 ctx53.moveTo(x,y-20);
183 ctx53.lineTo(x+25,y);
184 ctx53.lineTo(x,y+20);
185 ctx53.stroke();
186 }
187 else if (document.getElementById(distaldriftformid).
188 checked == false) {
189 ctx53.clearRect(x-37,y-37,85,85);
190 }
191 }
192 //
193 // row 2
194
195 function drawRotation(x, y, ctx54) {
196 if (document.getElementById(rotationformid).checked ==
197 true) {
198 ctx54.lineWidth = "7";
199 ctx54.beginPath();
200 ctx54.arc(x, y, 23, 1 * Math.PI, 2.54 * Math.PI, false);
201 ctx54.stroke();
202 ctx54.moveTo(x-25,y);
203 ctx54.lineTo(x-30, y-20);
204 ctx54.stroke();
205 ctx54.moveTo(x-27, y-1);
206 ctx54.lineTo(x-5, y-10);
207 ctx54.stroke();
208 }
209 else if (document.getElementById(rotationformid).checked
210 == false) {
211 ctx54.clearRect(x-37,y-37,86,86);
212 }
213 //
214 // -----
215 //row 3
216
217 function drawExtracted(x, y, ctx55) {
218 if (document.getElementById(extractedformid).checked
219 == true) {
220 ctx55.lineWidth = "7";
221 ctx55.moveTo(x-35,y-35);
222 ctx55.lineTo(x+35,y+35);
223 ctx55.stroke();
224 ctx55.moveTo(x-35,y+35);
225 ctx55.lineTo(x+35,y-35);
226 ctx55.strokeStyle = "#000"
227 ctx55.stroke();
228 }
229 else if (document.getElementById(extractedformid).
230 checked == false) {
231 ctx55.clearRect(x-37,y-37,75,85);
232 }
233
234 function drawMissing(x, y, ctx58) {
235 if (document.getElementById(missingformid).checked ==
236 true) {
237 ctx58.font = "bold 20px sans-serif";
238 ctx58.fillText("M", x-9, y+7);
239 }
240 else if (document.getElementById(missingformid).checked
241 == false) {
242 ctx58.clearRect(x-21, y-10, 40, 40);
243 //ctx58.clearRect(x-5, y+11, 30, 30);
244 }
245
246 function drawUnerrupted(x, y, ctx58) {
247 if (document.getElementById(uneruptedformid).checked
248 == true) {
249 ctx58.font = "bold 20px sans-serif";
250 ctx58.fillText("UE", x-12, y-40);
251 }
252 else if (document.getElementById(uneruptedformid).
253 checked == false) {
254 ctx58.clearRect(x-20, y-60, 40, 40);
255 //ctx58.clearRect(x-20, y-60, 25, 25);
256 }
257
258 function drawImpacted(x, y, ctx58) {
259 if (document.getElementById(impactedformid).checked
260 == true) {
261 ctx58.font = "bold 20px sans-serif";
262 ctx58.fillText("IMP", x-13, y+55);
263 }
264 else if (document.getElementById(impactedformid).
265 checked == false) {
266 //ctx58.clearRect(x-20, y+65, 25, 25);
267 ctx58.clearRect(x-18, y+30, 40, 40);
268 }
269 //
270 // -----
271 //row 4
272 //end other drawings
273
274 // start draw dentures
275 function drawUpperDenture(ctx30, ctx58, x1, y1) {
276 if (document.getElementById(upperdenture)-checked ==
277 true) {
278 var width1 = 70;
279 var width2 = 30;
280
281 var space1 = 5;
282 var space2 = 45;
283 var space3 = 75;
284
285 var lineX1 = 40;
286 var lineY1 = 40;
287 var lineX2 = 90;
288 var lineY2 = 90;
289
290 var verticalSpace = 120;
291 var counter1 = 0;
292 var counter2 = 0;
293
294 //for loop starts drawing teeth!
295 ctx30.beginPath();
296 ctx58.beginPath();

```

```

295 for (counter1=0; counter1<16; counter1++) {
296
297     ctx30.arc(x1,y1,width1/2,0,Math.PI*2,false);
298     ctx30.closePath();
299     ctx30. fillStyle = "#FF1493";
300     ctx30. fill ();
301
302     ctx58.arc(x1,y1,14,0,Math.PI*2,false);
303     ctx58.closePath();
304     ctx58. fillStyle = "#FF1493";
305     ctx58. fill ();
306
307     //ctx59. clearRect (0,125,1260,125);
308
309     x1 = x1 + width1 + space1;
310
311 }
312 ctx30.closePath();
313 ctx58.closePath();
314 }
315 else if (document.getElementById('upperdenture').
316         checked == false) {
317     ctx30.clearRect(0,0,1260,125);
318     ctx58.clearRect(0,0,1260,125);
319 }
320 }
321
322 function drawLowerDenture(ctx30, ctx58, x1, y1) {
323 if (document.getElementById('lowerdenture').checked ==
324     true) {
325     //alert (x1 + " " + y1);
326     var width1 = 70;
327     var width2 = 30;
328
329     var space1 = 5;
330     var space2 = 45;
331     var space3 = 75;
332
333     var lineX1 = 40;
334     var lineY1 = 40;
335     var lineX2 = 90;
336     var lineY2 = 90;
337
338     var verticalSpace = 120;
339     var counter1 = 0;
340     var counter2 = 0;
341
342     ctx30.beginPath();
343     ctx58.beginPath();
344     for (counter1=0; counter1<16; counter1++) {
345         ctx30.lineWidth="1.5";
346         ctx30.arc(x1,y1+verticalSpace,width1/2,0,Math.PI*2,
347                 false);
348         ctx30.closePath();
349         ctx30. fillStyle = "#FF1493";
350         ctx30. fill ();
351
352         ctx58.arc(x1,y1+verticalSpace,14,0,Math.PI*2,false);
353         ctx58.closePath();
354         ctx58. fillStyle = "#FF1493";
355         ctx58. fill ();
356
357         //ctx58. clearRect (0,0,1260,125);
358
359         x1 = x1 + width1 + space1;
360     }
361     ctx30.closePath();
362     ctx58.closePath();
363 } else if (document.getElementById('lowerdenture').checked
364 == false) {
365     ctx30.clearRect(0,150,1260,125);
366     ctx58.clearRect(0,150,1260,125);
367 }
368 }
369
370 function drawCompletedenture(ctx31, ctx60, x1, y1) {
371 if (document.getElementById('completedenture').checked
372 == true) {
373     var width1 = 70;
374     var width2 = 31;
375
376     var space1 = 5;
377     var space2 = 60;
378     var space3 = 75;
379
380     var lineX1 = 40;
381     var lineY1 = 40;
382     var lineX2 = 90;
383     var lineY2 = 90;
384
385     var verticalSpace = 120;
386     var counter1 = 0;
387     var counter2 = 0;
388
389     //for loop starts drawing teeth!
390     for (counter1=0; counter1<16; counter1++) {
391         ctx31.beginPath();
392         ctx31.lineWidth="1.5";
393         ctx31.arc(x1,y1+verticalSpace,width1/2,0,Math.PI*2,
394                 false);
395         ctx31.closePath();
396         ctx31. fillStyle = "#FF1493";
397         ctx31. fill ();
398
399         ctx60.beginPath();
400         ctx60.arc(x1,y1+verticalSpace,14,0,Math.PI*2,false);
401         ctx60.closePath();
402         ctx60. fillStyle = "#FF1493";
403         ctx60. fill ();
404
405         ctx31.arc(x1,y1,width1/2,0,Math.PI*2,false);
406         ctx31.closePath();
407         ctx31. fill ();
408
409         ctx60.arc(x1,y1,14,0,Math.PI*2,false);
410         ctx60.closePath();
411         ctx60. fillStyle = "#FF1493";
412         ctx60. fill ();
413
414         x1 = x1 + width1 + space1;
415     }
416 }
417 else if (document.getElementById('completedenture').
418         checked == false){
419     ctx31.clearRect(0,0,1260,250);
420     ctx60.clearRect(0,0,1260,250);
421 }
422 }
423
424 // end draw dentures
425
426 //start of submit
427
428 function setid () {
429     alert (toothnumber);
430 }
431
432 function submitcond () {
433     var toothno = toothnumber;
434     document.getElementById('light' + toothno).style.display
435     = 'none';
436     document.getElementById('fade' + toothno).style.display
437     = 'none';
438     setIndex(toothnumber);
439     checkToothDouble(toothno);
440     drawAllCondition();
441 }
442 /*
443 NEWLY ADDED
444 */
445 function checkToothDouble(toothno){
446     getFormid(toothno);
447     //caries
448     if (document.getElementById(mesialformid).checked ==
449         false &&
450         document.getElementById(buccalformid).checked ==
451         false &&
452         document.getElementById(occlusalformid).checked ==
453         false &&
454         document.getElementById(distalformid).checked ==
455         false &&
456         document.getElementById(lingualformid).checked ==
457         false){
458         document.getElementById(cariesformid).checked = false;
459     }
460     //recurrent
461     if (document.getElementById(remesialformid).checked ==
462         false &&
463         document.getElementById(rebuccalformid).checked ==
464         false &&
465         document.getElementById(reocclusalformid).checked
466         == false &&
467         document.getElementById(redistalformid).checked ==
468         false &&
469         document.getElementById(relingualformid).checked ==
470         false){
471         document.getElementById(recurrentformid).checked =
472         false;
473     }
474     //restoration
475     if (document.getElementById(restomesialformid).checked
476         == false &&
477         document.getElementById(restobuccalformid).checked
478         == false &&
479         document.getElementById(restoocclusalformid).checked
480         == false &&
481         document.getElementById(restodistalformid).checked

```

```

470         == false &&
document.getElementById(restolingualformid).checked
471         == false){
472     document.getElementById(restorationformid).checked
        = false;
473 }
474 }
475 }
476 }
477 /*
478 END NEW ADDED
479 */
480 function drawAllCondition(){
481     getXval(toothnumber);
482     getYval(toothnumber);
483     clearContext(X, Y, ctx4);
484     clearContext2(X, Y, ctx35);
485     //alert(index);
486     drawEverything(X, Y, ctx4);
487     drawOcclusals(X, Y, ctx35);
488     drawExtrusion(X, Y, ctx50);
489     drawIntrusion(X, Y, ctx51);
490     drawMesialdrift(X, Y, ctx52);
491     drawDistaldrift(X, Y, ctx53);
492     drawRotation(X, Y, ctx54);
493     // drawPitfissure(X, Y, ctx43);
494     drawExtracted(X, Y, ctx55);
495     drawMissing(X, Y, ctx58);
496     drawUnerupted(X, Y, ctx58);
497     drawImpacted(X, Y, ctx58);
498     //drawRestorable(X, Y, ctx56);
499     //drawNonrestorable(X, Y, ctx57);
500     clearContext3(X, Y, ctx23, ctx48);
501     //drawCrowns(X, Y, ctx23, ctx48);
502
503     drawPitFissure(toothnumber);
504     drawPorcelainFused(toothnumber);
505     drawRootCanal(toothnumber);
506     drawFixedBridge(toothnumber);
507     drawRPD(toothnumber);
508     drawMetal(toothnumber);
509     drawPorcelain(toothnumber);
510     drawAcrylic(toothnumber);
511     drawPostCore(toothnumber);
512
513     clearContext(X,Y,ctx65);
514     clearContext(X,Y,ctx66);
515     drawOthers(65,65,ctx63,ctx64,ctx65,ctx66);
516
517     drawDentures(65, 65);
518
519 }
520
521 //end of submit
522
523 //start of redraw
524
525
526
527 function redraw(r, s) {
528
529     for(a = 0; a < 4; a++) {
530         for(b = 18; b > 10; b--) {
531             c = b + (a * 10);
532             //alert(c);
533             getFormid(c);
534             getXval(c);
535             getYval(c);
536             initializevars ();
537             for(var i = 0; i < conditions.length; i++) {
538                 for(var j = 0; j < positions.length; j++) {
539                     drawCondition(conditions[i], positions[j], c);
540                 }
541                 drawCondition3(conditions2[i], c);
542             }
543
544             //alert(thisarray);
545             drawEverything(X, Y, ctx4);
546             drawOcclusals(X, Y, ctx35);
547
548
549             drawExtrusion(X, Y, ctx50);
550             drawIntrusion(X, Y, ctx51);
551             drawMesialdrift(X, Y, ctx52);
552             drawDistaldrift(X, Y, ctx53);
553             drawRotation(X, Y, ctx54);
554             // drawPitfissure(X, Y, ctx48);
555             drawExtracted(X, Y, ctx55);
556             drawMissing(X, Y, ctx58);
557             drawUnerupted(X, Y, ctx58);
558             drawImpacted(X, Y, ctx58);
559             // drawRestorable(X, Y, ctx56);
560             // drawNonrestorable(X, Y, ctx57);
561             // drawCrowns(X, Y, ctx23, ctx43);
562             // alert("boom");
563         }
564     }
565
566     drawDentures(r, s);
567 }
568
569 function drawDentures(x, y) {
570
571     drawCompletedenture(ctx1, ctx30, x, y);
572     drawUpperDenture(ctx2, ctx31, x, y);
573     drawLowerDenture(ctx3, ctx32, x, y);
574
575 }
576
577 //end of redraw
578 function drawDivision(x) {
579     ctx61.strokeStyle = "#D9D9D9";
580     ctx61.moveTo(0, 125);
581     ctx61.lineTo(1261, 125);
582     ctx61.stroke();
583     ctx61.moveTo(x, 0);
584     ctx61.lineTo(x, 250);
585     ctx61.stroke();
586 }
587
588 function drawCrowns(x, y, ctx1, ctx2) {
589     additional = 2/thisarray2[index].length;
590     for(var i = 0; i < thisarray2[index].length; i++) {
591         ctx1.beginPath();
592         ctx1.arc(x, y, 35, (2-(thisarray2[index].length-i)*
                    additional)*Math.PI, Math.PI*2, false);
593         ctx1.lineTo(x,y);
594         ctx1.closePath();
595         ctx1.fillStyle = arrayFillColor2[index][i];
596         ctx1.fill ();
597         ctx2.beginPath();
598         ctx2.arc(x, y, 14 ,(2-(thisarray2[index].length-i)*
                    additional)*Math.PI, Math.PI*2, false);
599         ctx2.lineTo(x,y);
600         ctx2.closePath();
601         ctx2.fillStyle = arrayFillColor2[index][i];
602         ctx2.fill ();
603     }
604 }
605
606 var X;
607 var Y;
608
609 function getXval(toothnumber) {
610     var space = 10;
611     if((toothnumber == 18) || (toothnumber == 48)){
612         var toothvalue = 1;
613         x = toothvalue * 65;
614     }
615     else {
616         if((toothnumber == 17) || (toothnumber == 47)) {
617             toothvalue = 2;
618         }
619         if((toothnumber == 16) || (toothnumber == 46)) {
620             toothvalue = 3;
621         }
622         if((toothnumber == 15) || (toothnumber == 45)) {
623             toothvalue = 4;
624         }
625         if((toothnumber == 14) || (toothnumber == 44)) {
626             toothvalue = 5;
627         }
628         if((toothnumber == 13) || (toothnumber == 43)) {
629             toothvalue = 6;
630         }
631         if((toothnumber == 12) || (toothnumber == 42)) {
632             toothvalue = 7;
633         }
634         if((toothnumber == 11) || (toothnumber == 41)) {
635             toothvalue = 8;
636         }
637         if((toothnumber == 21) || (toothnumber == 31)) {
638             toothvalue = 9;
639         }
640         if((toothnumber == 22) || (toothnumber == 32)) {
641             toothvalue = 10;
642         }
643         if((toothnumber == 23) || (toothnumber == 33)) {
644             toothvalue = 11;
645         }
646         if((toothnumber == 24) || (toothnumber == 34)) {
647             toothvalue = 12;
648         }
649         if((toothnumber == 25) || (toothnumber == 35)) {
650             toothvalue = 13;
651         }
652         if((toothnumber == 26) || (toothnumber == 36)) {
653             toothvalue = 14;
654         }
655         if((toothnumber == 27) || (toothnumber == 37)) {
656             toothvalue = 15;
657         }
658         if((toothnumber == 28) || (toothnumber == 38)) {
659             toothvalue = 16;
660         }
661         x = toothvalue * 65 + space * (toothvalue-1);
662     }

```

```

663 X = x;
664 }
665
666 function getYval(toothnumber) {
667     if((toothnumber >= 11)&&(toothnumber <= 28)) {
668         y = 65;
669     }
670     else if ((toothnumber >= 31)&&(toothnumber <= 48))
671     {
672         y = 185;
673     }
674     Y = y;
675 }
676
677 function getFormid(toothnumber) {
678     restoreTypeSelectid = "restoreTypeSelect" + toothnumber
679     ;
680     cariesSelectid = "cariesSelect" + toothnumber;
681     recurrentSelectid = "recurrentSelect" + toothnumber;
682     cariesSelectSurfaceid = "cariesSelectSurface" +
683     toothnumber;
684     recurrentSelectSurfaceid = "recurrentSelectSurface" +
685     toothnumber;
686     distalformid = "distal" + toothnumber;
687     buccalformid = "buccal" + toothnumber;
688     mesialformid = "mesial" + toothnumber;
689     lingualformid = "lingual" + toothnumber;
690     occlusalformid = "occlusal" + toothnumber;
691     redistalformid = "redistal" + toothnumber;
692     rebuccalformid = "rebuccal" + toothnumber;
693     remesialformid = "remesial" + toothnumber;
694     relingualformid = "relingual" + toothnumber;
695     reocclusalformid = "reocclusal" + toothnumber;
696     restodistalformid = "restodistal" + toothnumber;
697     restobuccalformid = "restobuccal" + toothnumber;
698     restomesialformid = "restomesial" + toothnumber;
699     restolingualformid = "restolingual" + toothnumber;
700     restoocclusalformid = "restoocclusal" + toothnumber;
701     amaldistalformid = "amaldistal" + toothnumber;
702     amalbuccalformid = "amalbuccal" + toothnumber;
703     amalmesialformid = "amalmesial" + toothnumber;
704     amalingualformid = "amalingual" + toothnumber;
705     amalocclusalformid = "amalocclusal" + toothnumber;
706     compodistalformid = "compodistal" + toothnumber;
707     compobuccalformid = "compobuccal" + toothnumber;
708     compomesialformid = "compomesial" + toothnumber;
709     compolingualformid = "compolingual" + toothnumber;
710     compoocclusalformid = "compoocclusal" + toothnumber;
711     glassdistalformid = "glassdistal" + toothnumber;
712     glassbuccalformid = "glassbuccal" + toothnumber;
713     glassmesialformid = "glassmesial" + toothnumber;
714     glasslingualformid = "glasslingual" + toothnumber;
715     glassocclusalformid = "glassocclusal" + toothnumber;
716     fillingdistalformid = "fillingdistal" + toothnumber;
717     fillingbuccalformid = "fillingbuccal" + toothnumber;
718     fillingmesialformid = "fillingmesial" + toothnumber;
719     fillinglingualformid = "fillinglingual" + toothnumber;
720     fillingocclusalformid = "fillingocclusal" + toothnumber;
721     postcorecrownformid = "postcore" + toothnumber;
722     porcelainfusedformid = "porcelainfused" + toothnumber;
723     acryliccrownformid = "acrylic" + toothnumber;
724     metalcrownformid = "metal" + toothnumber;
725     porcelaincrownformid = "porcelain" + toothnumber;
726     rootcanalformid = "rootcanal" + toothnumber;
727     pitfissureformid = "pitfissure" + toothnumber;
728     removablepartialformid = "removablepartial" +
729     toothnumber;
730     fixedbridgeformid = "fixedbridge" + toothnumber;
731     extrusionformid = "extrusion" + toothnumber;
732     intrusionformid = "intrusion" + toothnumber;
733     extractedformid = "extracted" + toothnumber;
734     mesialdriftformid = "mesialdrift" + toothnumber;
735     distaldriftformid = "distaldrift" + toothnumber;
736     rotationformid = "rotation" + toothnumber;
737     restorableformid = "restorable" + toothnumber;
738     nonrestorableformid = "nonrestorable" + toothnumber;
739     cariesformid = "caries" + toothnumber;
740     recurrentformid = "recurrentcaries" + toothnumber;
741     amalgamformid = "amalgam" + toothnumber;
742     compositeformid = "composite" + toothnumber;
743     glassformid = "glassionomer" + toothnumber;
744     fillingformid = "tempfilling" + toothnumber;
745     cariesurfaceid = "caries_surfaces" + toothnumber;
746     recurrentsurfaceid = "recurrent_surfaces" + toothnumber;
747     amalgamsurfaceid = "amalgam_surfaces" + toothnumber;
748     compositesurfaceid = "composite_surfaces" + toothnumber
749     ;
750     glasssurfaceid = "glass_surfaces" + toothnumber;
751     fillingsurfaceid = "filling_surfaces" + toothnumber;
752     missingformid = "missing" + toothnumber;
753     uneruptedformid = "unerupted" + toothnumber;
754     impactedformid = "impacted" + toothnumber;
755     cariesSelectDistalid = "cariesSelectDistal" + toothnumber;
756     dentalstatussurfaceid = "dentalstatussurface" +
757     toothnumber;
758     dentalstatusformid = "dentalStatus" + toothnumber;
759     alltoothsurfaceid = "all_tooth_surfaces" + toothnumber;
760     alltoothformid = "alltooth" + toothnumber;
761     restoreSelectSurfaceid = "restoreSelectSurface" +
762     toothnumber;
763     restorationformid = "restoration" + toothnumber;
764     restorationsurfaceid = "restoration_surfaces" +
765     toothnumber;
766 }
767
768 function showCaries() {
769     if(document.getElementById(cariesformid).checked ==
770     true) {
771         document.getElementById(cariessurfaceid).style.display =
772         "block";
773     }
774     else if(document.getElementById(cariesformid).checked
775     == false) {
776         document.getElementById(cariessurfaceid).style.display =
777         "none";
778     }
779     document.getElementById(mesialformid).checked = false;
780     document.getElementById(lingualformid).checked = false
781     ;
782     document.getElementById(occlusalformid).checked =
783     false;
784     deleteThis('caries');
785 }
786
787 function showCaries2() {
788     if(document.getElementById(cariesformid).checked ==
789     true) {
790         document.getElementById(cariessurfaceid).style.display =
791         "block";
792     }
793     else if(document.getElementById(cariesformid).checked
794     == false) {
795         document.getElementById(cariessurfaceid).style.display =
796         "none";
797     }
798     document.getElementById(distalformid).checked = false;
799     document.getElementById(buccalformid).checked = false
800     ;
801     document.getElementById(mesialformid).checked = false;
802     document.getElementById(lingualformid).checked = false
803     ;
804     document.getElementById(occlusalformid).checked =
805     false;
806     deleteThis('caries');
807 }
808
809 function showRecurrent() {
810     if(document.getElementById(recurrentformid).checked
811     == true) {
812         document.getElementById(recurrentsurfaceid).style.
813         display = "block";
814     }
815     else if(document.getElementById(recurrentformid).
816     checked == false) {
817         document.getElementById(recurrentsurfaceid).style.
818         display = "none";
819     }
820     document.getElementById(redistalformid).checked =
821     false;
822     document.getElementById(rebuccalformid).checked =
823     false;
824     document.getElementById(remesialformid).checked =
825     false;
826     document.getElementById(relingualformid).checked =
827     false;
828     document.getElementById(reocclusalformid).checked =
829     false;
830     deleteThis('recurrent');
831 }
832
833 function showAmalgam() {
834     if(document.getElementById(amalgamformid).checked
835     == true) {
836         document.getElementById(amalgamsurfaceid).style.
837         display = "block";
838     }
839     else if(document.getElementById(amalgamformid).
840     checked == false) {
841         document.getElementById(amalgamsurfaceid).style.
842         display = "none";
843     }
844     document.getElementById(amaldistalformid).checked =
845     false;
846     document.getElementById(amalbuccalformid).checked =
847     false;
848     document.getElementById(amalmesialformid).checked =
849     false;
850     document.getElementById(amalingualformid).checked =
851     false;
852     document.getElementById(amalocclusalformid).checked =
853     false;
854     deleteThis('amalgam');
855 }
856
857 function showComposite() {

```

```

820  if(document.getElementById(compositeformid).checked
821      == true) {
822      document.getElementById(compositesurfaceid).style.
823          display = "block";
824  }
825  else if (document.getElementById(compositeformid).
826      checked == false) {
827      document.getElementById(compositesurfaceid).style.
828          display = "none";
829      document.getElementById(compodistalformid).checked =
830          false;
831      document.getElementById(compobuccalformid).checked
832          = false;
833      document.getElementById(compomesialformid).checked
834          = false;
835      document.getElementById(compolingualformid).checked
836          = false;
837      document.getElementById(compooclusalformid).checked
838          = false;
839      deleteThis('composite');
840  }
841
842  function showGlassionomer() {
843  if (document.getElementById(glassformid).checked ==
844      true) {
845      document.getElementById(glasssurfaceid).style.display =
846          "block";
847  }
848  else if (document.getElementById(glassformid).checked
849      == false) {
850      document.getElementById(glasssurfaceid).style.display =
851          "none";
852      document.getElementById(glassdistalformid).checked =
853          false;
854      document.getElementById(glassbuccalformid).checked =
855          false;
856      document.getElementById(glassmesialformid).checked =
857          false;
858      document.getElementById(glasslingualformid).checked =
859          false;
860      document.getElementById(glassocclusalformid).checked =
861          false;
862      deleteThis(' glass ');
863  }
864
865  function showTempfilling() {
866  if (document.getElementById(fillingformid).checked ==
867      true) {
868      document.getElementById(fillingsurfaceid).style .display
869          = "block";
870  }
871  else if (document.getElementById(fillingformid).checked
872      == false) {
873      document.getElementById(fillingsurfaceid).style .display
874          = "none";
875      document.getElementById(fillingdistalformid).checked =
876          false;
877      document.getElementById(fillingbuccalformid).checked =
878          false;
879      document.getElementById(fillingmesialformid).checked =
880          false;
881      document.getElementById(fillinglingualformid).checked =
882          false;
883      document.getElementById(fillingocclusalformid).checked
884          = false;
885      deleteThis(' filling ');
886  }
887
888  var array11 = new Array();
889  var array12 = new Array();
890  var array13 = new Array();
891  var array14 = new Array();
892  var array15 = new Array();
893  var array21 = new Array();
894  var array22 = new Array();
895  var array23 = new Array();
896  var array24 = new Array();
897  var array25 = new Array();
898  var array31 = new Array();
899  var array32 = new Array();
900  var array33 = new Array();
901  var array34 = new Array();
902  var array35 = new Array();
903  var array41 = new Array();
904  var array42 = new Array();
905  var array43 = new Array();
906  var array44 = new Array();
907  var array45 = new Array();
908  var array51 = new Array();
909  var array52 = new Array();
910  var array53 = new Array();
911  var array54 = new Array();
912  var array55 = new Array();
913  var array61 = new Array();
914  var array62 = new Array();
915  var array63 = new Array();
916  var array64 = new Array();
917  var array65 = new Array();
918  var array71 = new Array();
919  var array72 = new Array();
920  var array73 = new Array();
921  var array74 = new Array();
922  var array75 = new Array();
923  var array81 = new Array();
924  var array82 = new Array();
925  var array83 = new Array();
926  var array84 = new Array();
927  var array85 = new Array();
928  var arrayPosition = new Array();
929  var arrayA = new Array();
930  var arrayB = new Array();
931  var conditions = new Array();
932  var conditions2 = new Array();
933  var positions = new Array();
934  var colors = new Array();
935  var colors2 = new Array();
936  var arrayf1 = new Array();
937  var arrayf2 = new Array();
938  var arrayf3 = new Array();
939  var arrayf4 = new Array();
940  var arrayf5 = new Array();
941  var arrayFillColor = new Array();
942  var arrayFillColor2 = [[[], [], [], [], [], [], [], [], [], [],
943      [], [], [], [], [], [], [], [], [], [], [], [], [], [],
944      [], [], [], [], [], [], [], [], [], [], [], [], [], [],
945      [], [], [], [], [], [], [], [], [], [], [], [], [], [],
946      [], [], [], [], [], [], [], [], [], [], [], [], [], [],
947      [], [], [], [], [], [], [], [], [], [], [], [], [], [],
948      [], [], [], [], [], [], [], [], [], [], [], [], [], [],
949      [], [], [], [], [], [], [], [], [], [], [], [], [], [],
950      [], [], [], [], [], [], [], [], [], [], [], [], [], [],
951      [], [], [], [], [], [], [], [], [], [], [], [], [], [],
952      [], [], [], [], [], [], [], [], [], [], [], [], [], [],
953      [], [], [], [], [], [], [], [], [], [], [], [], [], []]];
954  var arrayFormIds = new Array();
955  var thisarray18 = new Array();
956  var thisarray17 = new Array();
957  var thisarray = [[array11, array12, array13, array14,
958      array15], [array21, array22, array23, array24,
959      array25], [array31, array32, array33, array34,
960      array35], [array41, array42, array43, array44,
961      array45], [array51, array52, array53, array54,
962      array55], [array61, array62, array63, array64,
963      array65], [array71, array72, array73, array74,
964      array75], [array81, array82, array83, array84,
965      array85],
966      [[[], [], [], [], [], [], [], [], [], [], [], [], [], [],
967          [], [], [], [], [], [], [], [], [], [], [], [], [], [],
968          [], [], [], [], [], [], [], [], [], [], [], [], [], [],
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987          [], [], [], [], [], [], [], [], [], [], [], [], [], [],
988          [], [], [], [], [], [], [], [], [], [], [], [], [], []]],
989      [[[], [], [], [], [], [], [], [], [], [], [], [], [], [],
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996          [], [], [], [], [], [], [], [], [], [], [], [], [], [],
997          [], [], [], [], [], [], [], [], [], [], [], [], [], [],
998          [], [], [], [], [], [], [], [], [], [], [], [], [], [],
999          [], [], [], [], [], [], [], [], [], [], [], [], [], []]]];
999
1000  var otherConds = new Array();
1001  var otherFormIds = new Array();
1002  var allquads = new Array();
1003  var index = 0;
1004  var listofTNs = new Array();
1005
1006  //NEWLY ADDED
1007  function showAllTooth(){
1008  //alert ("boom");
1009  if (document.getElementById(alltoothformid).checked ==
1010      true) {
1011      document.getElementById(alltoothsurfaceid).style.display
1012          = "block";
1013  }
1014  else if (document.getElementById(alltoothformid).checked
1015      == false) {
1016      document.getElementById(alltoothsurfaceid).style.display
1017          = "none";
1018  }
1019  }
1020
1021  function hideAllTooth(){
1022  if (document.getElementById(dentalstatusformid).checked
1023      == true) {
1024      document.getElementById(dentalstatussurfaceid).style.
1025          display = "block";
1026      document.getElementById(missingformid).disabled =
1027          true;
1028      document.getElementById(extractedformid).disabled =
1029          true;
1030      document.getElementById(uneruptedformid).disabled =
1031          true;
1032      document.getElementById(impactedformid).disabled =
1033          true;
1034  }
1035  else if (document.getElementById(alltoothformid).checked
1036      == false) {
1037      document.getElementById(dentalstatussurfaceid).style.
1038          display = "none";
1039      document.getElementById(missingformid).disabled =
1040          false;
1041      document.getElementById(extractedformid).disabled =

```

```

    false;
957 document.getElementById(uneruptedformid).disabled = 1011
    false;
958 document.getElementById(impactedformid).disabled = 1012
    false;
959 } 1013
960 } 1014
961 1015
962 function hideOtherExtracted(){ 1016
963 if(document.getElementById(extractedformid).checked 1017
    == true) { 1018
964 document.getElementById(missingformid).disabled = 1019
    true; 1020
965 document.getElementById(uneruptedformid).disabled = 1021
    true; 1022
966 document.getElementById(impactedformid).disabled = 1023
    true; 1024
967 document.getElementById(rotationformid).disabled = 1025
    true; 1026
968 document.getElementById(extrusionformid).disabled = 1027
    true; 1028
969 document.getElementById(intrusionformid).disabled = 1029
    true; 1030
970 document.getElementById(mesialdriftformid).disabled = 1031
    true; 1032
971 document.getElementById(distaldriftformid).disabled = 1033
    true; 1034
972 document.getElementById(pitfissureformid).disabled = 1035
    true; 1036
973 document.getElementById(porcelainfusedformid).disabled 1037
    = true; 1038
974 document.getElementById(rootcanalformid).disabled = 1039
    true; 1040
975 document.getElementById(fixedbridgeformid).disabled = 1041
    true; 1042
976 document.getElementById(removablepartialformid). 1043
    disabled = true; 1044
977 document.getElementById(metalcrownformid).disabled = 1045
    true; 1046
978 document.getElementById(porcelaincrownformid). 1047
    disabled = true; 1048
979 document.getElementById(acryliccrownformid).disabled 1049
    = true; 1050
980 document.getElementById(postcorecrownformid).disabled 1051
    = true; 1052
981 } 1053
982 else if(document.getElementById(extractedformid). 1054
    checked == false) { 1055
983 document.getElementById(missingformid).disabled = 1056
    false; 1057
984 document.getElementById(uneruptedformid).disabled = 1058
    false; 1059
985 document.getElementById(impactedformid).disabled = 1060
    false; 1061
986 document.getElementById(rotationformid).disabled = 1062
    false;
987 document.getElementById(extrusionformid).disabled =
    false;
988 document.getElementById(intrusionformid).disabled =
    false;
989 document.getElementById(mesialdriftformid).disabled =
    false;
990 document.getElementById(distaldriftformid).disabled =
    false;
991 document.getElementById(pitfissureformid).disabled =
    false;
992 document.getElementById(porcelainfusedformid).disabled
    = false;
993 document.getElementById(rootcanalformid).disabled =
    false;
994 document.getElementById(fixedbridgeformid).disabled =
    false;
995 document.getElementById(removablepartialformid).
    disabled = false;
996 document.getElementById(metalcrownformid).disabled =
    false;
997 document.getElementById(porcelaincrownformid).
    disabled = false;
998 document.getElementById(acryliccrownformid).disabled
    = false;
999 document.getElementById(postcorecrownformid).disabled
    = false;
1000 }
1001 }
1002
1003 function hideOtherMissing(){
1004 if(document.getElementById(missingformid).checked ==
    true) {
1005 document.getElementById(extractedformid).disabled =
    true;
1006 document.getElementById(uneruptedformid).disabled =
    true;
1007 document.getElementById(impactedformid).disabled =
    true;
1008 document.getElementById(rotationformid).disabled =
    true;
1009 document.getElementById(extrusionformid).disabled =
    true;
1010 document.getElementById(intrusionformid).disabled =
    true;
1011 document.getElementById(mesialdriftformid).disabled =
    true;
1012 document.getElementById(distaldriftformid).disabled =
    true;
1013 document.getElementById(pitfissureformid).disabled =
    true;
1014 document.getElementById(porcelainfusedformid).disabled
    = true;
1015 document.getElementById(rootcanalformid).disabled =
    true;
1016 document.getElementById(fixedbridgeformid).disabled =
    true;
1017 document.getElementById(removablepartialformid).
    disabled = true;
1018 document.getElementById(metalcrownformid).disabled =
    true;
1019 document.getElementById(porcelaincrownformid).
    disabled = true;
1020 document.getElementById(acryliccrownformid).disabled
    = true;
1021 document.getElementById(postcorecrownformid).disabled
    = true;
1022 }
1023 }
1024 }
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1061 }
1062 }

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1063     = true;
1064 } else if (document.getElementById(uneruptedformid).
1065     checked == false) {
1066     document.getElementById(missingformid).disabled =
1067     false;
1068     document.getElementById(extractedformid).disabled =
1069     false;
1070     document.getElementById(rotationformid).disabled =
1071     false;
1072     document.getElementById(extrusionformid).disabled =
1073     false;
1074     document.getElementById(intrusionformid).disabled =
1075     false;
1076     document.getElementById(mesialdriftformid).disabled =
1077     false;
1078     document.getElementById(distaldriftformid).disabled =
1079     false;
1080     document.getElementById(pitfissureformid).disabled =
1081     false;
1082     document.getElementById(porcelainfusedformid).disabled =
1083     false;
1084     document.getElementById(rootcanalformid).disabled =
1085     false;
1086     document.getElementById(fixedbridgeformid).disabled =
1087     false;
1088     document.getElementById(removablepartialformid).
1089     disabled = false;
1090     document.getElementById(metalcrownformid).disabled =
1091     false;
1092     document.getElementById(porcelaincrownformid).
1093     disabled = false;
1094     document.getElementById(acryliccrownformid).disabled =
1095     false;
1096     document.getElementById(postcorecrownformid).disabled =
1097     false;
1098 }
1099 }
1100 function hideOtherImpacted(){
1101     if (document.getElementById(impactedformid).checked
1102     == true) {
1103     document.getElementById(missingformid).disabled =
1104     true;
1105     document.getElementById(uneruptedformid).disabled =
1106     true;
1107     document.getElementById(extractedformid).disabled =
1108     true;
1109     document.getElementById(rotationformid).disabled =
1110     true;
1111     document.getElementById(extrusionformid).disabled =
1112     true;
1113     document.getElementById(intrusionformid).disabled =
1114     true;
1115     document.getElementById(mesialdriftformid).disabled =
1116     true;
1117     document.getElementById(distaldriftformid).disabled =
1118     true;
1119     document.getElementById(pitfissureformid).disabled =
1120     true;
1121     document.getElementById(porcelainfusedformid).disabled =
1122     true;
1123     document.getElementById(rootcanalformid).disabled =
1124     true;
1125     document.getElementById(fixedbridgeformid).disabled =
1126     true;
1127     document.getElementById(removablepartialformid).
1128     disabled = true;
1129     document.getElementById(metalcrownformid).disabled =
1130     true;
1131     document.getElementById(porcelaincrownformid).
1132     disabled = true;
1133     document.getElementById(acryliccrownformid).disabled =
1134     true;
1135     document.getElementById(postcorecrownformid).disabled =
1136     true;
1137 }
1138 }
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1498 }
1499 }
1500 }

```



```

1170 }
1171
1172 function hideOtherMesialDrift(){
1173   if (document.getElementById(mesialdriftformid).checked
1174     == true) {
1175     document.getElementById(distaldriftformid).disabled =
1176       true;
1177     document.getElementById(extrusionformid).disabled =
1178       true;
1179     document.getElementById(intrusionformid).disabled =
1180       true;
1181     document.getElementById(rotationformid).disabled =
1182       true;
1183     document.getElementById(missingformid).disabled =
1184       true;
1185     document.getElementById(extractedformid).disabled =
1186       true;
1187     document.getElementById(uneruptedformid).disabled =
1188       true;
1189     document.getElementById(impactedformid).disabled =
1190       true;
1191   }
1192 }
1193 }
1194
1195   function hideOtherDistalDrift(){
1196     if (document.getElementById(distaldriftformid).checked
1197       == true) {
1198       document.getElementById(mesialdriftformid).
1199         disabled = true;
1200       document.getElementById(extrusionformid).disabled
1201         = true;
1202       document.getElementById(intrusionformid).disabled
1203         = true;
1204       document.getElementById(rotationformid).disabled =
1205         true;
1206     }
1207     else if (document.getElementById(distaldriftformid).
1208       checked == false) {
1209       document.getElementById(mesialdriftformid).disabled
1210         = false;
1211       document.getElementById(extrusionformid).disabled
1212         = false;
1213       document.getElementById(intrusionformid).disabled =
1214         false;
1215       document.getElementById(rotationformid).disabled =
1216         false;
1217     }
1218   }
1219 }
1220
1221   function hideOtherRotation(){
1222     if (document.getElementById(rotationformid).checked
1223       == true) {
1224       document.getElementById(mesialdriftformid).
1225         disabled = true;
1226       document.getElementById(extrusionformid).disabled
1227         = true;
1228       document.getElementById(intrusionformid).disabled
1229         = true;
1230       document.getElementById(distaldriftformid).disabled
1231         = true;
1232     }
1233     else if (document.getElementById(rotationformid).
1234       checked == false) {
1235       document.getElementById(mesialdriftformid).disabled
1236         = false;
1237       document.getElementById(extrusionformid).disabled
1238         = false;
1239       document.getElementById(intrusionformid).disabled =
1240         false;
1241       document.getElementById(distaldriftformid).disabled
1242         = false;
1243     }
1244   }
1245 }
1246
1247 function hideOtherStandard(name) {
1248
1249   if (document.getElementById(rootcanalformid).
1250     checked == true) {
1251     document.getElementById(missingformid).disabled =
1252       true;
1253     document.getElementById(extractedformid).disabled
1254       = true;
1255     document.getElementById(uneruptedformid).disabled
1256       = true;
1257     document.getElementById(impactedformid).disabled
1258       = true;
1259   }
1260   else if (document.getElementById(acryliccrownformid
1261     ).checked == true) {
1262     document.getElementById(missingformid).disabled =
1263       true;
1264     document.getElementById(extractedformid).disabled
1265       = true;
1266     document.getElementById(uneruptedformid).disabled
1267       = true;
1268     document.getElementById(impactedformid).disabled
1269       = true;
1270   }
1271   document.getElementById(porcelaincrownformid ).
1272     disabled = true;
1273   document.getElementById(metalcrownformid ).
1274     disabled = true;
1275 }
1276   else if (document.getElementById(metalcrownformid
1277     ).checked == true) {
1278     document.getElementById(missingformid).disabled =
1279       true;
1280     document.getElementById(extractedformid).disabled
1281       = true;
1282     document.getElementById(uneruptedformid).disabled
1283       = true;
1284     document.getElementById(impactedformid).disabled
1285       = true;
1286   }
1287   document.getElementById(porcelaincrownformid ).
1288     disabled = true;
1289   document.getElementById(acryliccrownformid ).
1290     disabled = true;
1291 }
1292   else if (document.getElementById(
1293     porcelaincrownformid ).checked == true) {
1294     document.getElementById(missingformid).disabled =
1295       true;
1296     document.getElementById(extractedformid).disabled
1297       = true;
1298     document.getElementById(uneruptedformid).disabled
1299       = true;
1300   }

```

```

1286 document.getElementById(impactedformid).disabled
      = true;
1287
1288 document.getElementById(acryliccrownformid ).
      disabled = true;
1289 document.getElementById(metalcrownformid ).
      disabled = true;
1290 }
1291 else if (document.getElementById(pitfissureformid ).
      checked == true) {
1292 document.getElementById(missingformid).disabled =
      true;
1293 document.getElementById(extractedformid).disabled
      = true;
1294 document.getElementById(uneruptedformid).disabled
      = true;
1295 document.getElementById(impactedformid).disabled
      = true;
1296 }
1297 else if (document.getElementById(
      removablepartialformid ).checked == true) {
1298 document.getElementById(missingformid).disabled =
      true;
1299 document.getElementById(extractedformid).disabled
      = true;
1300 document.getElementById(uneruptedformid).disabled
      = true;
1301 document.getElementById(impactedformid).disabled
      = true;
1302 }
1303 else if (document.getElementById(fixedbridgeformid
      ).checked == true) {
1304 document.getElementById(missingformid).disabled =
      true;
1305 document.getElementById(extractedformid).disabled
      = true;
1306 document.getElementById(uneruptedformid).disabled
      = true;
1307 document.getElementById(impactedformid).disabled
      = true;
1308 }
1309 else if (document.getElementById(
      postcorecrownformid ).checked == true) {
1310 document.getElementById(missingformid).disabled =
      true;
1311 document.getElementById(extractedformid).disabled
      = true;
1312 document.getElementById(uneruptedformid).disabled
      = true;
1313 document.getElementById(impactedformid).disabled
      = true;
1314 }
1315 }
1316 else {
1317
1318
1319 document.getElementById(missingformid).disabled =
      false;
1320 document.getElementById(extractedformid).disabled
      = false;
1321 document.getElementById(uneruptedformid).disabled
      = false;
1322 document.getElementById(impactedformid).disabled
      = false;
1323 }
1324
1325 if (name=='metal'){
1326 if (document.getElementById(metalcrownformid).
      checked == false){
1327 document.getElementById(porcelaincrownformid ).
      disabled = false;
1328 document.getElementById(acryliccrownformid ).
      disabled = false;
1329 }
1330 }else if (name=='porcelain'){
1331 if (document.getElementById(porcelaincrownformid).
      checked == false){
1332 document.getElementById(metalcrownformid ).
      disabled = false;
1333 document.getElementById(acryliccrownformid ).
      disabled = false;
1334 }
1335 }
1336 }else if (name=='acrylic'){
1337 if (document.getElementById(acryliccrownformid).
      checked == false){
1338 document.getElementById(porcelaincrownformid ).
      disabled = false;
1339 document.getElementById(metalcrownformid ).
      disabled = false;
1340 }
1341 }
1342 }
1343 }
1344 }
1345 }
1346 }
1347 function hideOtherCaries() {
1348 if (document.getElementById(carriesformid).checked ==
      true) {
1349 document.getElementById(carriessurfaceid+'mesial')
      .style.display = "inline";
1350 document.getElementById(carriessurfaceid+'buccal'
      ).style.display = "inline";
1351 document.getElementById(carriessurfaceid+'
      occlusal').style.display = "inline";
1352 document.getElementById(carriessurfaceid+'distal').
      style.display = "inline";
1353 document.getElementById(carriessurfaceid+'lingual'
      ).style.display = "inline";
1354 }
1355 }
1356 else if (document.getElementById(carriesformid).
      checked == false) {
1357 document.getElementById(carriessurfaceid+'mesial')
      .style.display = "none";
1358 document.getElementById(carriessurfaceid+'buccal'
      ).style.display = "none";
1359 document.getElementById(carriessurfaceid+'
      occlusal').style.display = "none";
1360 document.getElementById(carriessurfaceid+'distal').
      style.display = "none";
1361 document.getElementById(carriessurfaceid+'lingual'
      ).style.display = "none";
1362 }
1363 document.getElementById('mesial'+
      carriesSelectSurfaceid).style.display = "none";
1364 document.getElementById('buccal'+
      carriesSelectSurfaceid).style.display = "none";
1365 document.getElementById('occlusal'+
      carriesSelectSurfaceid).style.display = "none";
1366 document.getElementById('distal'+
      carriesSelectSurfaceid).style.display = "none"
      ;
1367 document.getElementById('lingual'+
      carriesSelectSurfaceid).style.display = "none";
1368
1369 document.getElementById(mesialformid).checked =
      false;
1370 document.getElementById(buccalformid).checked =
      false;
1371 document.getElementById(occlusalformid).checked =
      false;
1372 document.getElementById(distalformid).checked =
      false;
1373 document.getElementById(lingualformid).checked =
      false;
1374
1375 document.getElementById(remesialformid).disabled =
      false;
1376 document.getElementById(rebuccalformid).disabled =
      false;
1377 document.getElementById(reocclusalformid).disabled
      = false;
1378 document.getElementById(redistalformid).disabled =
      false;
1379 document.getElementById(relingualformid).disabled =
      false;
1380
1381 document.getElementById(restomesialformid).disabled
      = false;
1382 document.getElementById(restobuccalformid).disabled
      = false;
1383 document.getElementById(restoocclusalformid).
      disabled = false;
1384 document.getElementById(restodistalformid).disabled
      = false;
1385 document.getElementById(restolingualformid).
      disabled = false;
1386
1387 deleteThis(' caries ');
1388 }
1389 }
1390 }
1391 }
1392 }
1393 }
1394 }
1395 }
1396 }
1397 }
1398 }
1399 }
1400 }
1401 }
1402 }
1403 }
1404 }
1405 }
1406 }
1407 else if (document.getElementById(recurrentformid).
      checked == false) {

```

```

1408 document.getElementById(recurrentsurfaceid+'mesial' 1464 document.getElementById('buccal'+
).style.display = "none";
1409 document.getElementById(recurrentsurfaceid+' 1465 restoreSelectSurfaceid).style.display = "none";
buccal').style.display = "none";
1410 document.getElementById(recurrentsurfaceid+' 1465 document.getElementById('occlusal'+
occlusal').style.display = "none";
restoreSelectSurfaceid).style.display = "none";
1411 document.getElementById(recurrentsurfaceid+' 1466 document.getElementById('distal'+
distal').style.display = "none";
restoreSelectSurfaceid).style.display = "none";
1412 document.getElementById(recurrentsurfaceid+' 1467 document.getElementById('lingual'+
lingual').style.display = "none";
restoreSelectSurfaceid).style.display = "none";
1413
1414 document.getElementById('mesial'+ 1468
recurrentSelectSurfaceid).style.display = "
none"; 1469
1415 document.getElementById('buccal'+ 1470
recurrentSelectSurfaceid).style.display = "
none"; 1471 //alert (restomesialformid);
document.getElementById(restomesialformid).checked
= false;
1416 document.getElementById('occlusal'+ 1472 document.getElementById(restobuccalformid).checked
recurrentSelectSurfaceid).style.display = "
none"; 1473 document.getElementById(restoocclusalformid).
checked = false;
1417 document.getElementById('distal'+ 1474 document.getElementById(restodistalformid).checked
recurrentSelectSurfaceid).style.display = "
none"; 1475 document.getElementById(restolingualformid).checked
= false;
1418 document.getElementById('lingual'+ 1475
recurrentSelectSurfaceid).style.display = "
none"; 1476
1419 1477 document.getElementById(mesialformid).disabled =
1420 false;
1421 document.getElementById(remesialformid).checked = 1478
false;
document.getElementById(buccalformid).disabled =
1422 false; 1479
document.getElementById(occlusalformid).disabled =
1423 false; 1480
document.getElementById(distalformid).disabled =
1424 false; 1481
document.getElementById(lingualformid).disabled =
1425 false; 1482
1426 1483
document.getElementById(remesialformid).disabled =
1427 false; 1484
document.getElementById(rebuccalformid).disabled =
1428 false; 1485
document.getElementById(reocclusalformid).disabled
= false;
1429 document.getElementById(occlusalformid).disabled = 1486
false;
document.getElementById(redistalformid).disabled =
1430 false; 1487
document.getElementById(relingualformid).disabled =
1431 false; 1488
1432 deleteThis('restoration'); 1489
1433 document.getElementById(restomesialformid).disabled 1490
= false; //alert ("booms!");
1434 document.getElementById(restobuccalformid).disabled 1491
= false; }
1435 document.getElementById(restoocclusalformid). 1492
disabled = false; 1493
1436 document.getElementById(restodistalformid).disabled 1494
= false; 1495
function hideCariesMesial(){
1437 document.getElementById(restolingualformid). 1496
disabled = false; 1497
document.getElementById(restomesialformid).
disabled = true;
1438 1498
1439 1499
1440 1500
else if (document.getElementById(mesialformid).
checked == false) {
1441 deleteThis('recurrent'); 1501
document.getElementById(remesialformid).disabled
= false;
1442 } 1502
document.getElementById(restomesialformid).
disabled = false;
1443 }
1444
1445
1446 function hideOtherRestoration() { 1503
1447 if (document.getElementById(restorationformid). 1504
checked == true) { 1505
1448 document.getElementById(restorationsurfaceid+' 1506
mesial').style.display = "inline"; 1507
1449 document.getElementById(restorationsurfaceid+' 1508
buccal').style.display = "inline"; 1509
1450 document.getElementById(restorationsurfaceid+' 1510
occlusal').style.display = "inline"; 1511
1451 document.getElementById(restorationsurfaceid+' 1511
distal').style.display = "inline"; 1512
1452 document.getElementById(restorationsurfaceid+' 1512
lingual').style.display = "inline"; 1513
1453 1514
1454 1515
1455 }
1456 else if (document.getElementById(restorationformid). 1516
checked == false) {
1457 document.getElementById(restorationsurfaceid+' 1517
mesial').style.display = "none"; 1518
1458 document.getElementById(restorationsurfaceid+' 1518
buccal').style.display = "none"; 1519
1459 document.getElementById(restorationsurfaceid+' 1519
occlusal').style.display = "none"; 1520
1460 document.getElementById(restorationsurfaceid+' 1521
distal').style.display = "none"; 1522
1461 document.getElementById(restorationsurfaceid+' 1523
lingual').style.display = "none"; 1524
1462 1524
1463 document.getElementById('mesial'+ 1525
restoreSelectSurfaceid).style.display = "none";

```

```

1526         = true;
1527     }
1528     else if (document.getElementById(restomesialformid).
1529         checked == false) {
1530         document.getElementById(remesialformid).disabled
1531         = false;
1532         document.getElementById(mesialformid).disabled =
1533         false;
1534     }
1535 }
1536 function hideCariesDistal() {
1537     if (document.getElementById(distalformid).checked ==
1538         true) {
1539         document.getElementById(redistalformid).disabled =
1540         true;
1541         document.getElementById(restodistalformid).disabled
1542         = true;
1543     }
1544     else if (document.getElementById(distalformid).checked
1545         == false) {
1546         document.getElementById(redistalformid).disabled =
1547         false;
1548         document.getElementById(restodistalformid).disabled
1549         = false;
1550     }
1551 }
1552 function hideReDistal() {
1553     if (document.getElementById(redistalformid).checked
1554         == true) {
1555         document.getElementById(distalformid).disabled =
1556         true;
1557         document.getElementById(restodistalformid).disabled
1558         = true;
1559     }
1560     else if (document.getElementById(redistalformid).
1561         checked == false) {
1562         document.getElementById(distalformid).disabled =
1563         false;
1564         document.getElementById(restodistalformid).disabled
1565         = false;
1566     }
1567 }
1568 function hideRestoreDistal() {
1569     if (document.getElementById(restodistalformid).checked
1570         == true) {
1571         document.getElementById(distalformid).disabled =
1572         true;
1573         document.getElementById(redistalformid).disabled =
1574         true;
1575     }
1576     else if (document.getElementById(restodistalformid).
1577         checked == false) {
1578         document.getElementById(distalformid).disabled =
1579         false;
1580         document.getElementById(redistalformid).disabled =
1581         false;
1582     }
1583 }
1584 function hideCariesBuccal() {
1585     if (document.getElementById(buccalformid).checked ==
1586         true) {
1587         document.getElementById(rebuccalformid).disabled
1588         = true;
1589         document.getElementById(restobuccalformid).
1590         disabled = true;
1591     }
1592     else if (document.getElementById(buccalformid).
1593         checked == false) {
1594         document.getElementById(rebuccalformid).disabled
1595         = false;
1596         document.getElementById(restobuccalformid).
1597         disabled = false;
1598     }
1599 }
1600 function hideReBuccal() {
1601     if (document.getElementById(rebuccalformid).checked
1602         == true) {
1603         document.getElementById(buccalformid).disabled =
1604         true;
1605     }
1606     else if (document.getElementById(rebuccalformid).
1607         checked == false) {
1608         document.getElementById(buccalformid).disabled =
1609         false;
1610     }
1611 }
1612 function hideCariesOcclusal() {
1613     if (document.getElementById(occlusalformid).checked
1614         == true) {
1615         document.getElementById(reocclusalformid).disabled
1616         = true;
1617         document.getElementById(restoocclusalformid).
1618         disabled = true;
1619     }
1620     else if (document.getElementById(occlusalformid).
1621         checked == false) {
1622         document.getElementById(reocclusalformid).disabled
1623         = false;
1624         document.getElementById(restoocclusalformid).
1625         disabled = false;
1626     }
1627 }
1628 function hideReOcclusal() {
1629     if (document.getElementById(reocclusalformid).checked
1630         == true) {
1631         document.getElementById(occlusalformid).disabled =
1632         true;
1633         document.getElementById(restoocclusalformid).
1634         disabled = true;
1635     }
1636     else if (document.getElementById(reocclusalformid).
1637         checked == false) {
1638         document.getElementById(occlusalformid).disabled =
1639         false;
1640         document.getElementById(restoocclusalformid).
1641         disabled = false;
1642     }
1643 }
1644 function hideRestoreOcclusal() {
1645     if (document.getElementById(restoocclusalformid).
1646         checked == true) {
1647         document.getElementById(occlusalformid).disabled =
1648         true;
1649         document.getElementById(reocclusalformid).disabled
1650         = true;
1651     }
1652     else if (document.getElementById(restoocclusalformid).
1653         checked == false) {
1654         document.getElementById(occlusalformid).disabled =
1655         false;
1656         document.getElementById(reocclusalformid).disabled
1657         = false;
1658     }
1659 }
1660 function hideCariesLingual() {
1661     if (document.getElementById(lingualformid).checked ==
1662         true) {
1663     }
1664 }

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```

1665     document.getElementById(relingualformid).disabled = true;
1666     document.getElementById(restolingualformid).disabled = true;
1667 }
1668 }
1669 else if (document.getElementById(lingualformid).checked == false) {
1670     document.getElementById(relingualformid).disabled = false;
1671     document.getElementById(restolingualformid).disabled = false;
1672 }
1673 }
1674 }
1675 }
1676 }
1677 }
1678 function hideReLingual(){
1679     if (document.getElementById(relingualformid).checked == true) {
1680         document.getElementById(lingualformid).disabled = true;
1681         document.getElementById(restolingualformid).disabled = true;
1682     }
1683     else if (document.getElementById(relingualformid).checked == false) {
1684         document.getElementById(lingualformid).disabled = false;
1685         document.getElementById(restolingualformid).disabled = false;
1686     }
1687 }
1688 }
1689 }
1690 }
1691 function hideRestoreLingual(){
1692     if (document.getElementById(restolingualformid).checked == true) {
1693         document.getElementById(lingualformid).disabled = true;
1694         document.getElementById(relingualformid).disabled = true;
1695     }
1696 }
1697 else if (document.getElementById(restolingualformid).checked == false) {
1698     document.getElementById(lingualformid).disabled = false;
1699     document.getElementById(relingualformid).disabled = false;
1700 }
1701 }
1702 }
1703 }
1704 }
1705 //new selections
1706 function selectValues() {
1707     cariesSelect = ["restorable", "non-restorable"];
1708     restorationTypeSelect = ["AM", "CO", "GI", "TF", "PCC", "RCT", "PFS", "PFM", "AC", "MC", "APC", "RPD", "FPD"];
1709 }
1710 }
1711 //END NEWLY ADDED
1712 function showvar(surface,id){
1713     if (document.getElementById(id).checked == true){
1714         document.getElementById(surface).style.display = "block";
1715     }
1716     else if (document.getElementById(id).checked == false){
1717         document.getElementById(surface).style.display = "none";
1718     }
1719 }
1720 }
1721 }
1722 }
1723 }
1724 }
1725 function hideCariesInit() {
1726     if (document.getElementById(mesialformid).checked == true) {
1727         document.getElementById(remesialformid).disabled = true;
1728         document.getElementById(restomesialformid).disabled = true;
1729     }
1730 }
1731 if (document.getElementById(distalformid).checked == true) {
1732     document.getElementById(redistalformid).disabled = true;
1733     document.getElementById(restodistalformid).disabled = true;
1734 }
1735 }
1736 }
1737 }
1738 }
1739 }
1740 }
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1997 }
1998 }
1999 }
2000 }

```

```

1801         true;
1802         document.getElementById(rebuccalformid).disabled
1803         = true;
1804     }
1805     if (document.getElementById(restolingualformid).
1806         checked == true) {
1807         document.getElementById(lingualformid).disabled =
1808         true;
1809         document.getElementById(relingualformid).disabled
1810         = true;
1811     }
1812 }
1813 function newArray() {
1814     var heyarray = new Array();
1815     return heyarray;
1816 }
1817 function setIndex(TN) {
1818     if (TN > 10 && TN < 19) {
1819         index = 18-TN;
1820     }
1821     else if (TN > 20 && TN < 29) {
1822         index = TN-13;
1823     }
1824     else if (TN > 40 && TN < 49) {
1825         index = (48-TN)+16;
1826     }
1827     else if (TN > 30 && TN < 39) {
1828         index = TN-7;
1829     }
1830 }
1831 function checkTNs(TN) {
1832     var count = 0;
1833     for (var i = 0; i < listofTNs.length; i++) {
1834         if (listofTNs[i] == TN)
1835             count++;
1836         else
1837             break;
1838     }
1839     if (count == listofTNs.length)
1840         listofTNs.push(TN);
1841 }
1842 }
1843 function drawCondition(condition, position, TN) {
1844     //alert(TN);
1845     x = 62;
1846     y = 65;
1847     var formid;
1848     setIndex(TN);
1849     //alert(index+ " " + TN);
1850     for (var r = 0; r < positions.length; r++) {
1851         if (position == positions[r]) {
1852             for (var s = 0; s < condition.length; s++) {
1853                 if (condition == conditions[s]) {
1854                     formid = arrayFormIds[r][s];
1855                     fillcolor = colors[s];
1856                     //alert(formid);
1857                     break;
1858                 }
1859             }
1860         }
1861         // alert(formid);
1862         if (document.getElementById(formid).checked == true)
1863             {
1864                 thisarray[index][r].push(formid);
1865                 // alert(thisarray[index][r]);
1866                 arrayFillColor.push(fillcolor);
1867                 // alert(formid);
1868             }
1869         else if (document.getElementById(formid).checked ==
1870             false) {
1871             //alert(thisarray);
1872             // alert(index + "form" + thisarray[index][r]);
1873             for (var i=0; i<thisarray[index][r].length; i++) {
1874                 if (thisarray[index][r][i] == formid) {
1875                     thisarray[index][r].splice(i, 1);
1876                 }
1877             }
1878             arrayFillColor.splice(i+r, 1);
1879         }
1880     }
1881     break;
1882 }
1883 }
1884 }
1885 }
1886 function drawConditionMini(condition, position, tn) {
1887     drawCondition(condition, position, tn);
1888     redrawWidget();
1889     if (condition=='caries' && position=='mesial'){
1890         hideCariesMesial();
1891     }
1892     else if (condition=='caries' && position=='distal'){
1893         hideCariesDistal();
1894     }
1895     else if (condition=='caries' && position=='occlusal'){
1896         hideCariesOcclusal();
1897     }
1898     else if (condition=='caries' && position=='lingual'){
1899         hideCariesLingual();
1900     }
1901     else if (condition=='caries' && position=='buccal'){
1902         hideCariesBuccal();
1903     }
1904     else if (condition=='recurrent' && position=='mesial'){
1905         hideReMesial();
1906     }
1907     else if (condition=='recurrent' && position=='distal'){
1908         hideReDistal();
1909     }
1910     else if (condition=='recurrent' && position=='occlusal'){
1911         hideReOcclusal();
1912     }
1913     else if (condition=='recurrent' && position=='lingual'){
1914         hideReLingual();
1915     }
1916     else if (condition=='recurrent' && position=='buccal'){
1917         hideReBuccal();
1918     }
1919     else if (condition=='restoration' && position=='mesial'){
1920         hideRestoreMesial();
1921     }
1922     else if (condition=='restoration' && position=='distal'){
1923         hideRestoreDistal();
1924     }
1925     else if (condition=='restoration' && position=='occlusal'
1926         ){
1927         hideRestoreOcclusal();
1928     }
1929     else if (condition=='restoration' && position=='lingual')
1930     {
1931         hideRestoreLingual();
1932     }
1933     else if (condition=='restoration' && position=='buccal')
1934     {
1935         hideRestoreBuccal();
1936     }
1937 }
1938 function drawCondition2(condition,TN) {
1939     if (condition == 'extrusion') {
1940         drawExtrusion(62, 65, ctxmini11);
1941         hideOtherExtrusion();
1942     }
1943     else if (condition == 'intrusion') {
1944         drawIntrusion(62, 65, ctxmini7);
1945         hideOtherIntrusion();
1946     }
1947     else if (condition == 'mesialdrift') {
1948         drawMesialdrift(62, 65, ctxmini8);
1949         hideOtherMesialDrift();
1950     }
1951     else if (condition == 'distaldrift') {
1952         drawDistaldrift(62, 65, ctxmini9);
1953         hideOtherDistalDrift();
1954     }
1955     else if (condition == 'rotation') {
1956         drawRotation(62, 65, ctxmini10);
1957         hideOtherRotation();
1958     }
1959     else if (condition == 'pitfissure') {
1960         drawPitfissure(62, 65, ctxmini6);
1961     }
1962     else if (condition == 'extracted') {
1963         drawExtracted(62, 65, ctxmini12);
1964         hideOtherExtracted();
1965     }
1966     else if (condition == 'missing') {
1967         drawMissing(62, 65, ctxmini13);
1968         hideOtherMissing();
1969     }
1970     else if (condition == 'unerupted') {
1971         drawUnerupted(62, 65, ctxmini14);
1972         hideOtherUnerupted();
1973     }
1974     else if (condition == 'impacted') {
1975         drawImpacted(62, 65, ctxmini15);
1976         hideOtherImpacted();
1977     }
1978     else if (condition == 'restorable') {
1979         drawRestorable(62, 65, ctxmini16);
1980     }
1981     else if (condition == 'nonrestorable') {
1982         drawNonrestorable(62, 65, ctxmini17);
1983     }
1984     else if (condition == 'acrylic') {
1985         drawAcrylic(TN);
1986     }
1987     else if (condition == 'postcore') {
1988         drawPostCore(TN);
1989     }
1990     else if (condition == 'metal') {

```

```

1988 drawMetal(TN);
1989 }
1990 else if(condition == 'porcelain') {
1991 drawPorcelain(TN);
1992 }
1993 else if(condition == 'removablepartial') {
1994 drawRPD(TN);
1995 }
1996 else if(condition == 'fixedbridge') {
1997 drawFixedBridge(TN);
1998 }
1999 else if(condition == 'rootcanal') {
2000 drawRootCanal(TN);
2001 }
2002 else if(condition == 'porcelainfused') {
2003 drawPorcelainFused(TN);
2004 }
2005 else if(condition == 'pitfissure') {
2006 drawPitFissure(TN);
2007 }
2008 }
2009 }
2010 function drawConditionMini2(condition, TN) {
2011 drawCondition2(condition, TN);
2012 redrawWidget();
2013 }
2014 }
2015 function drawConditionMini3(condition, TN) {
2016 hideOtherStandard(condition);
2017 //drawCondition3(condition, TN);
2018 clearContext3(62, 65, ctxmini2, ctxmini5);
2019 drawCrowns(62, 65, ctxmini2, ctxmini5);
2020 }
2021 }
2022 function drawCondition3(condition, TN) {
2023 hideOtherStandard(condition);
2024 setIndex(TN);
2025 var formid;
2026 for(var i = 0; i < otherConds.length; i++) {
2027 if(otherConds[i] == condition) {
2028 formid = otherFormIds[i];
2029 if (document.getElementById(otherFormIds[i]).checked
2030 == true) {
2031 thisarray2[index].push(formid);
2032 arrayFillColor2[index].push(colors2[i]);
2033 }
2034 else if (document.getElementById(otherFormIds[i]).
2035 checked == false) {
2036 for(var i=0; i<thisarray2[index].length; i++) {
2037 if(thisarray2[index][i] == formid) {
2038 thisarray2[index].splice(i, 1);
2039 arrayFillColor2[index].splice(i, 1);
2040 }
2041 }
2042 }
2043 }
2044 }
2045 }
2046 function clearContext(x, y, ctx) {
2047 ctx.clearRect(x-40,y-40,77,77);
2048 }
2049 }
2050 function clearContext2(x, y, ctx) {
2051 ctx.clearRect(x-15, y-15, 50, 50);
2052 }
2053 }
2054 function clearContext3(x, y, ctx1, ctx2) {
2055 ctx1.clearRect(x-40,y-40,77,77);
2056 ctx2.clearRect(x-15, y-15, 50, 50);
2057 }
2058 }
2059 function drawEverything(x, y, ctxmini1) {
2060 for(var i = 0; i < thisarray[index].length-1; i++) {
2061 for(var j = 0; j < thisarray[index][i].length; j++) {
2062 if(thisarray[index][i].length > 0) {
2063 //alert(i + " " + thisarray[index][i]);
2064 additional = 0.5/thisarray[index][i].length;
2065 ctxmini1.beginPath();
2066 ctxmini1.arc(x, y, 35, (arrayB[i] - (thisarray[index][
2067 i].length-j)*additional)* Math.PI, arrayB[i] *
2068 Math.PI, false);
2069 ctxmini1.lineTo(x,y);
2070 var mycolor = "FFFFFF";
2071 for(var r = 0; r < arrayFormIds.length; r++) {
2072 for(var s = 0; s < arrayFormIds[r].length; s++) {
2073 if (thisarray[index][i][j] == arrayFormIds[r][s]) {
2074 mycolor = colors[s];
2075 }
2076 }
2077 }
2078 if(mycolor != "FFFFFF") break;
2079 }
2080 //alert(mycolor);
2081 ctxmini1.fillStyle = mycolor;
2082 ctxmini1.fill ()
2083 }
2084 }
2085 }
2086 }
2087 function drawOcclusals(x, y, ctxmini31) {
2088 additional = 2/thisarray[index][4].length;
2089 for(var i = 0; i < thisarray[index][4].length; i++) {
2090 ctxmini31.beginPath();
2091 ctxmini31.arc(x, y, 14, (2-(thisarray[index][4].length-i
2092 )*additional)*Math.PI, Math.PI*2, false);
2093 ctxmini31.lineTo(x,y);
2094 var mycolor = "FFFFFF";
2095 for(var s = 0; s < arrayFormIds[4].length; s++) {
2096 if (thisarray[index][4][i] == arrayFormIds[4][s]) {
2097 mycolor = colors[s];
2098 }
2099 }
2100 ctxmini31.fillStyle = mycolor;
2101 ctxmini31.fill ();
2102 }
2103 }
2104 }
2105 function initializevars () {
2106 arrayA = [0.75, 1.25, 1.75, 2.25, 0];
2107 arrayB = [1.25, 1.75, 2.25, 2.75, 2];
2108 conditions = ["caries", "recurrent", "restoration"];
2109 conditions2 = ["postcore", "removablepartial", "
2110 fixedbridge", "rootcanal", "porcelainfused", "
2111 acrylic", "metal", "porcelain"];
2112 colors = ["red", "#67D413", "blue"];
2113 colors2 = ["orange", "#00868B", "#FFA07A", "#00008B
2114 ", "#CAFF70", "#97FFFF", "#555555", "#9400
2115 D3", "#00868B", "#FFA07A"];
2116 positions = ["distal", "buccal", "mesial", "lingual", "
2117 occlusal"];
2118 arrayfi1 = [distalformid, redistalformid,
2119 restodistalformid];
2120 arrayfi2 = [buccalformid, rebuccalformid,
2121 restobuccalformid];
2122 arrayfi3 = [mesialformid, remesialformid,
2123 restomesialformid];
2124 arrayfi4 = [lingualformid, relingualformid,
2125 restolingualformid];
2126 arrayfi5 = [occlusalformid, reocclusalformid,
2127 restoocclusalformid];
2128 arrayFormIds = [arrayfi1, arrayfi2, arrayfi3, arrayfi4,
2129 arrayfi5];
2130 otherFormIds = [rootcanalformid, removablepartialformid,
2131 fixedbridgeformid, porcelainfusedformid,
2132 postcorecrownformid, acryliccrownformid,
2133 metalcrownformid, porcelaincrownformid];
2134 otherConds = ["rootcanal", "removablepartial", "
2135 fixedbridge", "porcelainfused", "postcore", "
2136 acrylic", "metal", "porcelain"];
2137 }
2138 }
2139 }
2140 }
2141 function deleteThis(condition) {
2142 var ind;
2143 for(var i = 0; i < conditions.length; i++) {
2144 if(conditions[i] == condition) {
2145 ind = i;
2146 }
2147 }
2148 }
2149 }
2150 }
2151 }
2152 }
2153 }
2154 }
2155 }
2156 }
2157 }
2158 }
2159 }
2160 }
2161 }
2162 }
2163 }
2164 }
2165 }
2166 }
2167 }
2168 }
2169 }
2170 }
2171 }
2172 }
2173 }
2174 }
2175 }
2176 }
2177 }
2178 }
2179 }
2180 }
2181 }
2182 }
2183 }
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2199 }
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2221 }
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2223 }
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2229 }
2230 }
2231 }
2232 }
2233 }
2234 }
2235 }
2236 }
2237 }
2238 }
2239 }
2240 }
2241 }
2242 }
2243 }
2244 }
2245 }
2246 }
2247 }
2248 }
2249 }
2250 }
2251 }
2252 }
2253 }
2254 }
2255 }
2256 }
2257 }
2258 }
2259 }
2260 }
2261 }
2262 }
2263 }
2264 }
2265 }
2266 }
2267 }
2268 }
2269 }
2270 }
2271 }
2272 }
2273 }
2274 }
2275 }
2276 }
2277 }
2278 }
2279 }
2280 }
2281 }
2282 }

```

```

2165 var width1 = 70;
2166 var width2 = 30;
2167 var space1 = 5;
2168 var space2 = 45;
2169 var space3 = 75;
2170 var lineX1 = 39;
2171 var lineY1 = 39;
2172 var lineX2 = 89;
2173 var lineY2 = 89;
2174 ctxmini30.lineWidth="1.5";
2175 ctxmini30.beginPath();
2176 ctxmini30.arc(x1,y1,width1/2,0,Math.PI*2,false);
2177 ctxmini30.closePath(); ctxmini30.strokeStyle="#000";
2178 ctxmini30.stroke();
2179 ctxmini30.beginPath();
2180 ctxmini30.arc(x1,y1,width2/2,0,Math.PI*2,false);
2181 ctxmini30.closePath();
2182 ctxmini30.strokeStyle="#000";
2183 ctxmini30.stroke();
2184 ctxmini30.moveTo(lineX1, lineY1);
2185 ctxmini30.lineTo(lineX2, lineY2);
2186 ctxmini30.stroke();
2187 ctxmini30.moveTo(lineX2, lineY1);
2188 ctxmini30.lineTo(lineX1, lineY2);
2189 ctxmini30.stroke();
2190
2191 ctxmini30.beginPath();
2192 ctxmini30.arc(x1,y1,14,0,Math.PI*2,false);
2193 ctxmini30.closePath();
2194 ctxmini30.fillStyle="#FFF";
2195 ctxmini30.fill();
2196
2197 }
2198 function services() { document.getElementById('
serviceslight').style.display='block';document.
getElementById('servicesfade').style.display='block'
;}
2199 function dentures() { document.getElementById('
dentureslight').style.display='block';document.
getElementById('denturesfade').style.display='block'
;}
2200 function notesclick() { document.getElementById('
noteslight').style.display='block';document.
getElementById('notesfade').style.display='block';}
2201
2202 function clearneeded_service() {
2203
2204
2205 document.getElementById('periodonticsdiv').innerHTML
="";
2206 document.getElementById('periodiv').innerHTML="";
2207 document.getElementById('emergencytreatmentdiv').
innerHTML="";
2208 document.getElementById('pulpseadationdiv').innerHTML
="";
2209 document.getElementById('crownrecementationdiv').
innerHTML="";
2210 document.getElementById('fillingservicediv').innerHTML
="";
2211 document.getElementById('acuteinfectionsdiv').
innerHTML="";
2212 document.getElementById('traumaticdiv').innerHTML="
";
2213 document.getElementById('operativedentistrydiv').
innerHTML="";
2214 document.getElementById('class1div').innerHTML="";
2215 document.getElementById('class2div').innerHTML="";
2216 document.getElementById('class3div').innerHTML="";
2217 document.getElementById('class4div').innerHTML="";
2218 document.getElementById('class5div').innerHTML="";
2219 document.getElementById('onlaydiv').innerHTML="";
2220 document.getElementById('fixedpartialdenturediv').
innerHTML="";
2221 document.getElementById('laminateddiv').innerHTML="
";
2222 document.getElementById('singlecrowndiv').innerHTML
="";
2223 document.getElementById('bridgeservicediv').innerHTML
="";
2224 document.getElementById('anteriordiv').innerHTML="";
2225 document.getElementById('posteriordiv').innerHTML="
";
2226 document.getElementById('othersdiv').innerHTML="";
2227 document.getElementById('surgerydiv').innerHTML="";
2228 document.getElementById('extractiondiv').innerHTML="
";
2229 document.getElementById('odontectomydiv').innerHTML
="";
2230 document.getElementById('specialcasediv').innerHTML=
";
2231 document.getElementById('pedonticsdiv').innerHTML="
";
2232 document.getElementById('prosthodonticsdiv').
innerHTML="";
2233 document.getElementById('completdentdiv').
innerHTML="";
2234 document.getElementById('singledentdiv').innerHTML="
";
2235 document.getElementById('removedentdiv').innerHTML
="";
2236
2237
2238 document.getElementById('otherssdiv').innerHTML="";
2239
2240
2241
2242
2243 function needed_services() {
2244 var class1check=false;
2245 var class2check=false;
2246 var class3check=false;
2247 var class4check=false;
2248 var class5check=false;
2249 var onlaycheck=false;
2250
2251 var laminatedcheck=false;
2252 var singlecrowncheck=false;
2253 var bridgeservicecheck=false;
2254
2255 var anteriorcheck=false;
2256 var posteriorcheck=false;
2257 var otherscheck=false;
2258
2259 var extractioncheck=false;
2260 var odontectomycheck=false;
2261 var specialcasecheck=false;
2262
2263 var pulpseadationcheck=false;
2264 var crownrecementationcheck=false;
2265 var fillingservicecheck =false;
2266
2267 var emergencytreatmentcheck=false;
2268 var surgerycheck=false;
2269 var prosthodonticscheck=false;
2270 var operativedentistrycheck=false;
2271 var fixedpartialdenturecheck=false;
2272 var endodonticscheck=false;
2273 if(document.getElementById("periodontics").checked
== true){
2274 document.getElementById('periodonticsdiv').
innerHTML="Periodontics ";
2275
2276 document.getElementById('periodiv').innerHTML="&
nbsp;&nbsp;<input type='checkbox' checked
disabled>Management of Periodontical Disease ";
2277
2278 }
2279
2280 if(document.getElementById("acuteinfections").checked
== true){
2281
2282 if(emergencytreatmentcheck==false)
2283 document.getElementById('
emergencytreatmentdiv').innerHTML="
Emergency Treatment ";
2284
2285 document.getElementById('acuteinfectionsdiv').
innerHTML="&nbsp;&nbsp;<input type='
checkbox' checked disabled>Management of
acute infections ";
2286 emergencytreatmentcheck=true;
2287 }
2288
2289 if(document.getElementById("traumaticinjuries").
checked == true){
2290
2291 if(emergencytreatmentcheck==false)
2292 document.getElementById('
emergencytreatmentdiv').innerHTML="
Emergency Treatment ";
2293
2294 document.getElementById('traumaticdiv').innerHTML
="&nbsp;&nbsp;<input type='checkbox' checked
disabled>Management of Traumatic Injuries ";
2295 emergencytreatmentcheck=true;
2296 }
2297
2298 //surgery
2299 if(document.getElementById("pedodontics").checked
== true){
2300
2301 if(surgerycheck==false)
2302 document.getElementById('surgerydiv').
innerHTML="Surgery ";
2303
2304 document.getElementById('pedonticsdiv').innerHTML
="&nbsp;&nbsp;<input type='checkbox' checked
disabled>Pedodontics ";
2305 surgerycheck=true;
2306 }
2307
2308 }

```



```

2600 ctxmini3 = layermini3.getContext("2d");          2675
2601 layermini4 = document.getElementById("layer4mini" + tn  2676
);                                                    2677
2602 ctxmini4 = layermini4.getContext("2d");          2678
2603 layermini5 = document.getElementById("layer5mini" + tn  2679
);                                                    2680
2604 ctxmini5 = layermini5.getContext("2d");          2681
2605 layermini6 = document.getElementById("layer6mini" + tn  2682
);                                                    2683
2606 ctxmini6 = layermini6.getContext("2d");          2684
2607 layermini7 = document.getElementById("layer7mini" + tn  2685
);                                                    2686
2608 ctxmini7 = layermini7.getContext("2d");          2687
2609 layermini8 = document.getElementById("layer8mini" + tn  2688
);                                                    2689
2610 ctxmini8 = layermini8.getContext("2d");          2690
2611 layermini9 = document.getElementById("layer9mini" + tn  2691
);                                                    2692
2612 ctxmini9 = layermini9.getContext("2d");          2693
2613 layermini10 = document.getElementById("layer10mini" +  2694
tn);                                                  2695
2614 ctxmini10 = layermini10.getContext("2d");        2696
2615 layermini11 = document.getElementById("layer11mini" +  2697
tn);
2616 ctxmini11 = layermini11.getContext("2d");
2617 layermini12 = document.getElementById("layer12mini" +
tn);
2618 ctxmini12 = layermini12.getContext("2d");
2619 layermini13 = document.getElementById("layer13mini" +
tn);
2620 ctxmini13 = layermini13.getContext("2d");
2621 layermini14 = document.getElementById("layer14mini" +
tn);
2622 ctxmini14 = layermini14.getContext("2d");
2623 layermini15 = document.getElementById("layer15mini" +
tn);
2624 ctxmini15 = layermini15.getContext("2d");
2625 layermini16 = document.getElementById("layer16mini" +
tn);
2626 ctxmini16 = layermini16.getContext("2d");
2627 layermini17 = document.getElementById("layer17mini" +
tn);
2628 ctxmini17 = layermini17.getContext("2d");
2629 drawTooth(ctxmini3);
2630 }
2631
2632 function toothclick (tn) {
2633     initMini (tn);
2634     thisID = 'light' + tn; thisID2 = 'fade' + tn;
2635     document.getElementById(thisID).style.display='block';
2636     document.getElementById(thisID2).style.display='block';
2637     toothnumber = tn;
2638     getFormid (toothnumber);
2639     initializevars ();
2640     hideAllTooth();
2641     showAllTooth();
2642     hideOtherExtracted();
2643     hideOtherMissing();
2644     hideOtherUnrupted();
2645     hideOtherImpacted();
2646     hideOtherExtrusion();
2647     hideOtherIntrusion();
2648     hideOtherMesialDrift();
2649     hideOtherDistalDrift();
2650     hideOtherRotation();
2651     hideOtherStandard('metal');
2652     hideOtherStandard('porcelain');
2653     hideOtherStandard('acrylic');
2654     showvar('mesial'+cariesSelectSurfaceid,mesialformid);
2655     showvar('lingual'+cariesSelectSurfaceid,lingualformid);
2656     showvar('distal'+cariesSelectSurfaceid,distalformid);
2657     showvar('buccal'+cariesSelectSurfaceid,buccalformid);
2658     showvar('occlusal'+cariesSelectSurfaceid,occlusalformid);
2659     showvar('distal'+recurrentSelectSurfaceid,redistalformid)
;
2660     showvar('lingual'+recurrentSelectSurfaceid,
relingualformid);
2661     showvar('buccal'+recurrentSelectSurfaceid,rebuccalformid)
;
2662     showvar('occlusal'+recurrentSelectSurfaceid,
reocclusalformid);
2663     showvar('mesial'+recurrentSelectSurfaceid,remesialformid)
;
2664     showvar('distal'+restoreSelectSurfaceid,restodistalformid)
;
2665     showvar('lingual'+restoreSelectSurfaceid,
restolingualformid);
2666     showvar('buccal'+restoreSelectSurfaceid,restobuccalformid)
;
2667     showvar('occlusal'+restoreSelectSurfaceid,  2698
restoocclusalformid);
2668     showvar('mesial'+restoreSelectSurfaceid,restomesialformid)
;
2669     hideOtherCaries();          2699
2670     hideOtherReccurent();      2700
2671     hideOtherRestoration();    2701
2672     hideCariesInit ();
2673     hideReccurentInit ();
2674     hideRestoreInit ();          2702
}
setIndex(tn);
drawEverything(62, 65, ctxmini1);
drawOcclusals(62, 65, ctxmini4);
drawExtrusion(62, 65, ctxmini6);
drawIntrusion(62, 65, ctxmini7);
drawMesialdrift(62, 65, ctxmini8);
drawDistaldrift(62, 65, ctxmini9);
drawRotation(62, 65, ctxmini10);
drawPitfissure(62, 65, ctxmini11);
drawExtracted(62, 65, ctxmini12);
drawMissing(62, 65, ctxmini13);
drawUnerrupted(62, 65, ctxmini14);
drawImpacted(62, 65, ctxmini15);
}
//NEWLY EDITED

function tnloop(){
for(var j = 0; j < 4; j++) {
for(var i = 18; i > 10; i--) {
var tn = i+j*10;
document.write("<div id='light' +tn+ "' class='
white_content' name='light' +tn+ "'> " + "<div
id='cavasesdiv' >" + " <canvas id='layer1mini"
+tn+ "' style=' border:solid 2px; z-index: 1;
position:absolute; right:20px; top:20px; height
='125px' width='125'" + " </canvas> " + " <
canvas id='layer2mini" +tn+ "' style=' border:
solid 2px; z-index: 2; position:absolute; right:20
px; top:20px;' height='125px' width='125'" + "
</canvas> " + " <canvas id='layer3mini" +tn+
"' style=' border:solid 2px; z-index: 3; position:
absolute; right:20px; top:20px;' height='125px'
width='125'" + " </canvas> " + " <canvas id
='layer4mini" +tn+ "' style=' border:solid 2px; z-
index: 4; position:absolute; right:20px; top:20px;'
height='125px' width='125'" + " </canvas> "
+ " <canvas id='layer5mini" +tn+ "' style='
border:solid 2px; z-index: 5; position:absolute;
right:20px; top:20px;' height='125px' width
='125'" + " </canvas> " + " <canvas id='
layer6mini" +tn+ "' style=' border:solid 2px; z-
index: 6; position:absolute; right:20px; top:20px;'
height='125px' width='125'" + " </canvas> "
+ " <canvas id='layer7mini" +tn+ "' style='
border:solid 2px; z-index: 7; position:absolute;
right:20px; top:20px;' height='125px' width
='125'" + " </canvas> " + " <canvas id='
layer8mini" +tn+ "' style=' border:solid 2px; z-
index: 8; position:absolute; right:20px; top:20px;'
height='125px' width='125'" + " </canvas> "
+ " <canvas id='layer9mini" +tn+ "' style='
border:solid 2px; z-index: 9; position:absolute;
right:20px; top:20px;' height='125px' width
='125'" + " </canvas> " + " <canvas id='
layer10mini" +tn+ "' style=' border:solid 2px; z-
index: 10; position:absolute; right:20px; top:20px;'
height='125px' width='125'" + " </canvas> "
+ " <canvas id='layer11mini" +tn+ "' style='
border:solid 2px; z-index: 11; position:absolute;
right:20px; top:20px;' height='125px' width
='125'" + " </canvas> " + " <canvas id='
layer12mini" +tn+ "' style=' border:solid 2px; z-
index: 12; position:absolute; right:20px; top:20px;'
height='125px' width='125'" + " </canvas> "
+ " <canvas id='layer13mini" +tn+ "' style='
border:solid 2px; z-index: 13; position:absolute;
right:20px; top:20px;' height='125px' width
='125'" + " </canvas> " + " <canvas id='
layer14mini" +tn+ "' style=' border:solid 2px; z-
index: 14; position:absolute; right:20px; top:20px;'
height='125px' width='125'" + " </canvas> "
+ " <canvas id='layer15mini" +tn+ "' style='
border:solid 2px; z-index: 15; position:absolute;
right:20px; top:20px;' height='125px' width
='125'" + " </canvas> " + " <canvas id='
layer16mini" +tn+ "' style=' border:solid 2px; z-
index: 16; position:absolute; right:20px; top:20px;'
height='125px' width='125'" + " </canvas> "
+ " <canvas id='layer17mini" +tn+ "' style='
border:solid 2px; z-index: 17; position:absolute;
right:20px; top:20px;' height='125px' width
='125'" + " </div> " + " <b
>Tooth " +tn+ " </b><br/><br/> " + "
<a href = 'javascript:void(0)' onclick =
submitcond()'>Submit </a>&nbsp;   " + " <a href =
'javascript:void(0)' onclick = 'cancelcond()' +tn+
'">Cancel </a> " + " <br/> <br/> "
"<br/><input type='checkbox' name='dentalStatus'
value="" +tn+ "' id='dentalStatus' +tn+ "' onclick
='hideAllTooth()'><b>Dental Status</b><br/>
"+
" <div id='dentalstatussurface' +tn+ "' style='display:
none;'><table><tr><td></td><td>Caries</td
>" +

```



```

2897 layer35 = document.getElementById("layer35");
2898 ctx35 = layer35.getContext("2d");
2899 layer36 = document.getElementById("layer36");
2900 ctx36 = layer36.getContext("2d");
2901 layer37 = document.getElementById("layer37");
2902 ctx37 = layer37.getContext("2d");
2903 layer38 = document.getElementById("layer38");
2904 ctx38 = layer38.getContext("2d");
2905 layer39 = document.getElementById("layer39");
2906 ctx39 = layer39.getContext("2d");
2907 layer40 = document.getElementById("layer40");
2908 ctx40 = layer40.getContext("2d");
2909 layer41 = document.getElementById("layer41");
2910 ctx41 = layer41.getContext("2d");
2911 layer42 = document.getElementById("layer42");
2912 ctx42 = layer42.getContext("2d");
2913 layer43 = document.getElementById("layer43");
2914 ctx43 = layer43.getContext("2d");
2915 layer44 = document.getElementById("layer44");
2916 ctx44 = layer44.getContext("2d");
2917 layer45 = document.getElementById("layer45");
2918 ctx45 = layer45.getContext("2d");
2919 layer46 = document.getElementById("layer46");
2920 ctx46 = layer46.getContext("2d");
2921 layer47 = document.getElementById("layer47");
2922 ctx47 = layer47.getContext("2d");
2923 layer48 = document.getElementById("layer48");
2924 ctx48 = layer48.getContext("2d");
2925 layer49 = document.getElementById("layer49");
2926 ctx49 = layer49.getContext("2d");
2927 layer50 = document.getElementById("layer50");
2928 ctx50 = layer50.getContext("2d");
2929 layer51 = document.getElementById("layer51");
2930 ctx51 = layer51.getContext("2d");
2931 layer52 = document.getElementById("layer52");
2932 ctx52 = layer52.getContext("2d");
2933 layer53 = document.getElementById("layer53");
2934 ctx53 = layer53.getContext("2d");
2935 layer54 = document.getElementById("layer54");
2936 ctx54 = layer54.getContext("2d");
2937 layer55 = document.getElementById("layer55");
2938 ctx55 = layer55.getContext("2d");
2939 layer56 = document.getElementById("layer56");
2940 ctx56 = layer56.getContext("2d");
2941 layer57 = document.getElementById("layer57");
2942 ctx57 = layer57.getContext("2d");
2943 layer58 = document.getElementById("layer58");
2944 ctx58 = layer58.getContext("2d");
2945 layer59 = document.getElementById("layer59");
2946 ctx59 = layer59.getContext("2d");
2947 layer60 = document.getElementById("layer60");
2948 ctx60 = layer60.getContext("2d");
2949 layer61 = document.getElementById("layer61");
2950 ctx61 = layer61.getContext("2d");
2951 layer62 = document.getElementById("layer62");
2952 ctx62 = layer62.getContext("2d");
2953
2954
2955
2956 //drawTeeth(ctx25, x, y);
2957 drawAll(x, y, div);
2958
2959 layer63 = document.getElementById("layer63");
2960 ctx63 = layer63.getContext("2d");
2961
2962 layer64 = document.getElementById("layer64");
2963 ctx64 = layer64.getContext("2d");
2964
2965 layer65 = document.getElementById("layer65");
2966 ctx65 = layer65.getContext("2d");
2967
2968 layer66 = document.getElementById("layer66");
2969 ctx66 = layer66.getContext("2d");
2970
2971 layer67 = document.getElementById("layer67");
2972 ctx67 = layer67.getContext("2d");
2973
2974 layer68 = document.getElementById("layer68");
2975 ctx68 = layer68.getContext("2d");
2976
2977 drawOthers(x,y,ctx63,ctx64,ctx65,ctx66);
2978 drawLastBorder(x,y,ctx67,ctx68);
2979 }
2980
2981 function getXvalSTAMP(toothnumber) {
2982 var space = 10;
2983 if((toothnumber == 18) || (toothnumber == 48)){
2984 var toothvalue = 1; x = toothvalue * 35; }
2985 else {
2986 if((toothnumber == 17) || (toothnumber == 47)) {
2987 toothvalue = 2;
2988 }
2989 if((toothnumber == 16) || (toothnumber == 46)) {
2990 toothvalue = 3; }
2991 if((toothnumber == 15) || (toothnumber == 45)) {
2992 toothvalue = 4; }
2993 if((toothnumber == 14) || (toothnumber == 44)) {
2994 toothvalue = 5; }
2995 if((toothnumber == 13) || (toothnumber == 43)) {
2996
2997 toothvalue = 6; }
2998 if((toothnumber == 12) || (toothnumber == 42)) {
2999 toothvalue = 7; }
3000 if((toothnumber == 11) || (toothnumber == 41)) {
3001 toothvalue = 8; }
3002 if((toothnumber == 21) || (toothnumber == 31)) {
3003 toothvalue = 9; }
3004 if((toothnumber == 22) || (toothnumber == 32)) {
3005 toothvalue = 10; }
3006 if((toothnumber == 23) || (toothnumber == 33)) {
3007 toothvalue = 11; }
3008 if((toothnumber == 24) || (toothnumber == 34)) {
3009 toothvalue = 12; }
3010 if((toothnumber == 25) || (toothnumber == 35)) {
3011 toothvalue = 13; }
3012 if((toothnumber == 26) || (toothnumber == 36)) {
3013 toothvalue = 14; }
3014 if((toothnumber == 27) || (toothnumber == 37)) {
3015 toothvalue = 15; }
3016 if((toothnumber == 28) || (toothnumber == 38)) {
3017 toothvalue = 16; }
3018 x = ((toothvalue-1) * 74.5) + 35;
3019 }
3020
3021 X = x;}
3022
3023 function getYvalSTAMP(toothnumber) { if((toothnumber
3024 >= 11)&&(toothnumber <= 28)) { y = 65; } else if
3025 ((toothnumber >= 31)&&(toothnumber <= 48)) {
3026 y = 185; } Y = y;}
3027
3028 function drawLastBorder(x,y,ctx67,ctx68){
3029
3030 ctx67.strokeStyle="#D9D9D9";
3031 ctx67.lineWidth = "2";
3032 ctx67.moveTo(1220,y-70);
3033 ctx67.lineTo(1220,y+5);
3034 ctx67.stroke();
3035
3036 ctx68.strokeStyle="#D9D9D9";
3037 ctx68.lineWidth = "2";
3038 ctx68.moveTo(1220,y-70);
3039 ctx68.lineTo(1220,y+5);
3040 ctx68.stroke();
3041
3042 // alert ("boom");
3043 }
3044
3045 function drawOthers(x,y,ctx63,ctx64,ctx65,ctx66){
3046 var x_move1=74;
3047 var x_move2=74;
3048
3049 var x_init1=x-30;
3050 var x_init2=x-30;
3051
3052 var conditionAll=['restomesial', 'restodistal', '
3053 restoooclusal', 'restolingual', 'restobuccal'];
3054 var typeAll=['AM','CO','GI','TF'];
3055 var cariesAll=['mesial', 'distal', 'occlusal', 'lingual', '
3056 buccal'];
3057 var recAll=['remesial', 'redistal', 'reocclusal', 'relingual',
3058 'rebuccal'];
3059 var carType=['restorable', 'nonrestorable'];
3060
3061 ctx65.font="12px Arial";
3062 ctx66.font="12px Arial";
3063
3064 for(a = 0; a < 4; a++) {
3065 for(b = 18; b > 10; b--) {
3066 c = b + (a * 10);
3067
3068 getXvalSTAMP(c);
3069 getYval(c);
3070 index_x=0;
3071 index_y=0;
3072 // alert (X);
3073
3074 if(c>10 && c<29){
3075 ctx63.strokeStyle="#D9D9D9";
3076 ctx63.lineWidth = "2";
3077 ctx63.moveTo(x_init1,y-70);
3078 ctx63.lineTo(x_init1,y+5);
3079 ctx63.stroke();
3080
3081 if(document.getElementById("postcore"+c).checked ==
3082 true){
3083 ctx65.fillStyle = "#000";
3084
3085 ctx65.fillText("PCC,",X,70-index_y);
3086 index_y+=index_y+15;
3087 }
3088
3089 if(document.getElementById("acrylic"+c).checked ==
3090 true){
3091 ctx65.fillStyle = "#000";
3092
3093 ctx65.fillText("C(A),",X,70-index_y);

```

```

3087     index.y+=index.y+15;           3172
3088 }                                   3173
3089 }                                   3174
3090 if (document.getElementById("metal"+c).checked == 3175
    true){
3091     ctx65. fillText ("C(M)","X,70-index.y); 3175
3092     index.y+=index.y+15;           3176
3093 }                                   3177
3094 }                                   3178
3095 if (document.getElementById("porcelain"+c).checked == 3179
    true){
3096     ctx65. fillStyle ="#000";      3180
3097 }                                   3181
3098     ctx65. fillText ("C(P)","X,70-index.y); 3182
3099     index.y+=index.y+15;           3183
3100 }                                   3184
3101 }                                   3185
3102 }                                   3186
3103 if (document.getElementById("removablepartial"+c). 3187
    checked == true){
3104     if (index.y>60){
3105         index.x=index.x+35;
3106         index.y=0;
3107     }
3108     ctx65. fillStyle ="#000";
3109 }
3110     ctx65. fillText ("RPD","X+index.x,70-index.y); 3190
3111     index.y+=index.y+15;           3191
3112 }                                   3192
3113 }                                   3193
3114 if (document.getElementById("fixedbridge"+c).checked 3194
    == true){
3115     if (index.y>60){
3116         index.x=index.x+35;
3117         index.y=0;
3118     }
3119     ctx65. fillStyle ="#000";
3120 }
3121     ctx65. fillText ("FPD","X+index.x,70-index.y); 3200
3122     index.y+=index.y+15;           3201
3123 }                                   3202
3124 }
3125 if (document.getElementById("rootcanal"+c).checked == 3203
    true){
3126     if (index.y>60){
3127         index.x=index.x+35;
3128         index.y=0;
3129     }
3130     ctx65. fillStyle ="#000";
3131 }
3132     ctx65. fillText ("RCT","X+index.x,70-index.y); 3207
3133     index.y+=index.y+15;           3208
3134 }
3135 }
3136 }
3137 if (document.getElementById("porcelainfused"+c). 3209
    checked == true){
3138     if (index.y>60){
3139         index.x=index.x+35;
3140         index.y=0;
3141     }
3142     ctx65. fillStyle ="#000";
3143 }
3144     ctx65. fillText ("PFM","X+index.x,70-index.y); 3210
3145     index.y+=index.y+15;           3211
3146 }
3147 }
3148 if (document.getElementById("pitfissure"+c).checked == 3212
    true){
3149     if (index.y>60){
3150         index.x=index.x+35;
3151         index.y=0;
3152     }
3153     ctx65. fillStyle ="#000";
3154 }
3155     ctx65. fillText ("PFS","X+index.x,70-index.y); 3216
3156     index.y+=index.y+15;           3217
3157 }
3158 }
3159 }
3160 //caries
3161 if (document.getElementById("mesial"+c).checked == 3218
    true || document.getElementById("distal"+c). 3219
    checked == true ||
3162 document.getElementById("occlusal"+c).checked == 3220
    true || document.getElementById("lingual"+c). 3221
    checked == true ||
3163 document.getElementById("buccal"+c).checked == true 3222
    ){
3164     for (cLength=0; cLength<cariesAll[cLength].length; 3223
        cLength++)
3165     {
3166         for (typeLength=0; typeLength<carType.length; 3224
            typeLength++) {
3167             if (index.y>60){
3168                 index.x=index.x+35;
3169                 index.y=0;
3170             }
3171             ctx65. fillStyle ="red";
3172             var condLength= cariesAll[cLength].length;
3173
3174             if (document.getElementById(cariesAll[cLength]+c). 3225
                checked == true &&
3175 document.getElementById(cariesAll[cLength]+" 3226
                cariesSelect"+c).value==carType[typeLength]+c ){
3176                 if (carType[typeLength]== "restorable")
3177                     ctx65. fillText ("O (" +cariesAll[cLength].toUpperCase 3227
                        ().charAt(0)+")","X+index.x,70-index.y);
3178                 else
3179                     ctx65. fillText (" / (" +cariesAll[cLength].toUpperCase 3228
                        ().charAt(0)+")","X+index.x,70-index.y);
3180
3181                 index.y+=index.y+15;
3182             }
3183         }
3184     }
3185 }
3186 //end caries
3187
3188 //recurrent
3189 if (document.getElementById("remesial"+c).checked == 3190
    true || document.getElementById("redistal"+c). 3191
    checked == true ||
3192 document.getElementById("reocclusal"+c).checked == 3193
    true || document.getElementById("relingual"+c). 3194
    checked == true ||
3195 document.getElementById("rebuccal"+c).checked == 3195
    true){
3196     for (rLength=0; rLength<recAll.length; rLength++) {
3197         for (typeLength=0; typeLength<carType.length; 3196
            typeLength++) {
3198             if (index.y>60){
3199                 index.x=index.x+35;
3200                 index.y=0;
3201             }
3202             ctx65. fillStyle ="green";
3203             var condLength= recAll[rLength].length;
3204
3205             if (document.getElementById(recAll[rLength]+c).checked 3205
                == true &&
3206 document.getElementById(recAll[rLength].substring(2, 3206
                condLength)+"recurrentSelect"+c).value==carType
3207 [typeLength]+c ){
3208                 if (carType[typeLength]== 'restorable')
3209                     ctx65. fillText ("O (" +recAll[rLength].charAt(2). 3209
                        toUpperCase()+")","X+index.x,70-index.y);
3210                 else
3211                     ctx65. fillText (" / (" +recAll[rLength].charAt(2). 3210
                        toUpperCase()+")","X+index.x,70-index.y);
3212
3213                 index.y+=index.y+15;
3214             }
3215         }
3216     }
3217 }
3218 //end recurrent
3219
3220 //RESTO
3221 if (document.getElementById("restomesial"+c).checked 3221
    == true || document.getElementById("restodistal"+ 3222
    c).checked == true ||
3223 document.getElementById("restoocclusal"+c).checked 3223
    == true || document.getElementById("restolingual 3224
    "+c).checked == true ||
3225 document.getElementById("restobuccal"+c).checked == 3225
    true){
3226     for (restoCheck=0; restoCheck<conditionAll.length; 3226
        restoCheck++) {
3227         for (typeResto=0; typeResto<typeAll.length; 3227
            typeResto++) {
3228             if (index.y>60){
3229                 index.x=index.x+35;
3230                 index.y=0;
3231             }
3232             ctx65. fillStyle ="blue";
3233             var condLength= conditionAll[restoCheck].length;
3234
3235             if (document.getElementById(conditionAll[restoCheck]+c). 3235
                checked == true &&
3236 document.getElementById(conditionAll[restoCheck]. 3236
                substring(5,condLength)+"restoreTypeSelect"+c). 3237
                value==typeAll[typeResto]+c ){
3238                 ctx65. fillText (typeAll[typeResto]+" (" +conditionAll[ 3238
                    restoCheck].charAt(5)+")","X+
3239 index.x,70-index.y);
3240
3241                 index.y+=index.y+15;
3242             }
3243         }
3244     }
3245 }
3246 //END FOR RESTO
3247 //START FOR SERVICE NEEDED

```

```

3244
3245 // END FOR SERVICE NEEDED
3246 x_init1=x_init1+x_move1;
3247 }
3248 //LOWERPART
3249 if(c>30 && c<49){
3250 ctx64.strokeStyle="#D9D9D9";
3251 ctx64.lineWidth = "2";
3252 ctx64.moveTo(x_init2,y-70);
3253 ctx64.lineTo(x_init2 ,y+5);
3254 ctx64.stroke ();
3255
3256 if (document.getElementById("postcore"+c).checked ==
3257     true){
3258     ctx66. fillStyle = "#000";
3259     ctx66. fillText ("PCC","X,70-index_y);
3260     index_y+=index_y+15;
3261 }
3262 if (document.getElementById("acrylic"+c).checked ==
3263     true){
3264     ctx66. fillStyle = "#000";
3265     ctx66. fillText ("C(A)","X,70-index_y);
3266     index_y+=index_y+15;
3267 }
3268 }
3269 if (document.getElementById("metal"+c).checked ==
3270     true){
3271     ctx66. fillStyle = "#000";
3272     ctx66. fillText ("C(M)","X,70-index_y);
3273     index_y+=index_y+15;
3274 }
3275 }
3276 if (document.getElementById("porcelain"+c).checked ==
3277     true){
3278     ctx66. fillStyle = "#000";
3279     ctx66. fillText ("C(P)","X,70-index_y);
3280     index_y+=index_y+15;
3281 }
3282 }
3283 if (document.getElementById("removablepartial"+c).
3284     checked == true){
3285     if (index_y>60){
3286         index_x=index_x+35;
3287         index_y=0;
3288     }
3289     ctx66. fillStyle = "#000";
3290     ctx66. fillText ("RPD","X+index_x,70-index_y);
3291     index_y+=index_y+15;
3292 }
3293 if (document.getElementById("fixedbridge"+c).checked
3294     == true){
3295     if (index_y>60){
3296         index_x=index_x+35;
3297         index_y=0;
3298     }
3299     ctx66. fillStyle = "#000";
3300     ctx66. fillText ("FPD","X+index_x,70-index_y);
3301     index_y+=index_y+15;
3302 }
3303 }
3304 if (document.getElementById("rootcanal"+c).checked ==
3305     true){
3306     if (index_y>60){
3307         index_x=index_x+35;
3308         index_y=0;
3309     }
3310     ctx66. fillStyle = "#000";
3311     ctx66. fillText ("RCT","X+index_x,70-index_y);
3312     index_y+=index_y+15;
3313 }
3314 }
3315 if (document.getElementById("porcelainfused"+c).
3316     checked == true){
3317     if (index_y>60){
3318         index_x=index_x+35;
3319         index_y=0;
3320     }
3321     ctx66. fillStyle = "#000";
3322     ctx66. fillText ("PFM","X+index_x,70-index_y);
3323     index_y+=index_y+15;
3324 }
3325 }
3326 if (document.getElementById("pitfissure"+c).checked ==
3327     true){
3328     if (index_y>60){
3329         index_x=index_x+35;
3330         index_y=0;
3331     }
3332     ctx66. fillStyle = "#000";
3333     ctx66. fillText ("PFS","X+index_x,70-index_y);
3334     index_y+=index_y+15;
3335 }
3336 }
3337 }
3338 //caries
3339 if (document.getElementById("mesial"+c).checked ==
3340     true || document.getElementById("distal"+c).
3341     checked == true ||
3342     document.getElementById("occlusal"+c).checked ==
3343     true|| document.getElementById("lingual"+c).
3344     checked == true ||
3345     document.getElementById("buccal"+c).checked == true
3346     ){
3347     for (cLength=0; cLength<cariesAll.length; cLength++)
3348     {
3349         for (typeLength=0; typeLength<carType.length;
3350             typeLength++) {
3351             if (index_y>60){
3352                 index_x=index_x+35;
3353                 index_y=0;
3354             }
3355             ctx66. fillStyle = "red";
3356             var condLength= cariesAll[cLength].length;
3357             if (document.getElementById(cariesAll[cLength]+c).
3358                 checked == true &&
3359                 document.getElementById(cariesAll[cLength]+"
3360                     cariesSelect"+c).value==carType[typeLength]+c ){
3361                 if (carType[typeLength]== "restorable")
3362                     ctx66. fillText ("O (" +cariesAll[cLength].toUpperCase
3363                         ().charAt(0)+")","X+index_x,70-index_y);
3364                 else
3365                     ctx66. fillText ("/ (" +cariesAll[cLength].toUpperCase
3366                         ().charAt(0)+")","X+index_x,70-index_y);
3367                 index_y+=index_y+15;
3368             }
3369         }
3370     }
3371 }
3372 //end caries
3373 //recurrent
3374 if (document.getElementById("remesial"+c).checked ==
3375     true || document.getElementById("redistal"+c).
3376     checked == true ||
3377     document.getElementById("reocclusal"+c).checked ==
3378     true|| document.getElementById("relingual"+c).
3379     checked == true ||
3380     document.getElementById("rebuccal"+c).checked ==
3381     true){
3382     for (rLength=0; rLength<recAll.length; rLength++) {
3383         for (typeLength=0; typeLength<carType.length;
3384             typeLength++) {
3385             if (index_y>60){
3386                 index_x=index_x+35;
3387                 index_y=0;
3388             }
3389             ctx66. fillStyle = "green";
3390             var condLength= recAll[rLength].length;
3391             if (document.getElementById(recAll[rLength]+c).checked
3392                 == true &&
3393                 document.getElementById(recAll[rLength].substring(2,
3394                     condLength)+"recurrentSelect"+c).value==carType
3395                     [typeLength]+c ){
3396                 if (carType[typeLength]== 'restorable')
3397                     ctx66. fillText ("O (" +recAll[rLength].charAt(2).
3398                         toUpperCase()+")","X+index_x,70-index_y);
3399                 else
3400                     ctx66. fillText ("/ (" +recAll[rLength].charAt(2).
3401                         toUpperCase()+")","X+index_x,70-index_y);
3402                 index_y+=index_y+15;
3403             }
3404         }
3405     }
3406 }
3407 // alert ("boom");
3408 }
3409 //end recurrent
3410 //start of resto
3411 if (document.getElementById("restomesial"+c).checked ==
3412     true || document.getElementById("restodistal"+c).
3413     checked == true ||
3414     document.getElementById("restoocclusal"+c).checked
3415     == true|| document.getElementById("restolingual
3416     "+c).checked == true ||
3417     document.getElementById("restobuccal"+c).checked ==
3418     true){
3419     for (restoCheck=0; restoCheck<conditionAll.length;
3420         restoCheck++) {
3421         for (typeResto=0; typeResto<typeAll.length;

```



```

3405         typeResto++) {
3406         if(index.y>60){
3407             index_x=index_x+35;
3408             index_y=0;
3409         }
3410         ctx66. fillStyle ="blue";
3411         var condLength= conditionAll[restoCheck].length;
3412         if(document.getElementById(conditionAll[restoCheck]+c).
3413             checked == true &&
3414             document.getElementById(conditionAll[restoCheck].
3415                 substring(5,condLength)+"restoreTypeSelect"+c).
3416                 value==typeAll[typeResto]+c ){
3417             ctx66. fillText (typeAll[typeResto]+c +" +conditionAll[
3418                 restoCheck].toUpperCase().charAt(5)+")",X+
3419                 index_x,70-index_y);
3420
3421             index_y+=index_y+15;
3422         }
3423     }
3424 }
3425 }
3426 }
3427 }
3428 }
3429 }
3430 }

```

Listing 137: dynamic.js

```

1
2
3 function restrict (which){
4
5     var item = document.getElementById('role');
6
7     if (which == 0){
8         item.remove(0);
9         item.remove(1);
10        item.remove(2);
11        item.remove(3);
12
13        document.ADDUSER.role.options[0] = new Option('
14            Select a section first..', 'Select a section first ..')
15        ;
16    }
17    else if (which == 1 || which == 2 || which == 3 ||
18            which == 4 || which == 5){
19        document.ADDUSER.role.options[0] = new Option('
20            Select one..', 'Select one..');
21        document.ADDUSER.role.options[1] = new Option('
22            Faculty', 'Faculty');
23        document.ADDUSER.role.options[2] = new Option('
24            Student', 'Student');
25
26        item.remove(3);
27
28    }
29    else if (which == 6){
30        item.remove(0);
31        item.remove(1);
32        item.remove(2);
33        item.remove(3);
34
35        document.ADDUSER.role.options[0] = new Option('
36            System Administrator', 'System Administrator');
37
38    }
39 }
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66

```

Listing 138: patientdb.js

```

1 function tab(tab) {
2     document.getElementById('tab1').style.display = 'none';
3     document.getElementById('tab2').style.display = 'none';
4     document.getElementById('tab3').style.display = 'none';
5     document.getElementById('tab4').style.display = 'none';
6     document.getElementById('tab5').style.display = 'none';
7     document.getElementById('tab6').style.display = 'none';
8     document.getElementById('li_tab1').setAttribute("class",
9         "");
10    document.getElementById('li_tab2').setAttribute("class",
11        "");
12    document.getElementById('li_tab3').setAttribute("class",
13        "");
14    document.getElementById('li_tab4').setAttribute("class",
15        "");
16    document.getElementById('li_tab5').setAttribute("class",
17        "");
18    document.getElementById('li_tab6').setAttribute("class",
19        "");
20    document.getElementById(tab).style.display = 'block';
21    document.getElementById('li_'+tab).setAttribute("class",
22        "active");
23    document.getElementById('li_'+tab).setAttribute("class",
24        "selected");
25 }
26
27 function showHosp(element, value) {
28     if(element == "ishosp"){
29         if (value == "Yes"){
30             document.getElementById('hosptb').style.display = "
31                 block";
32         }
33     }
34     else
35         document.getElementById('hosptb').style.display = "
36             none";
37 }
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66

```

```

56 }
57 }
58
59 var fieldNum;
60 var i=0;
61
62 function addRadio(tableID){
63     fieldNum=i+1;
64
65     var table = document.getElementById(tableID);
66     var numRows = table.rows.length;
67     var row = table.insertRow(numRows);
68     row.align = "center";
69
70     var cellA = row.insertCell(0);
71     cellA.innerHTML = "<input type='checkbox' name='"+
72         fieldNum+"' id='ck"+fieldNum+"'>";
73     var cellB = row.insertCell(1);
74     cellB.innerHTML = "<input type='text' name='date[]'
75         class='datepicker' id='date" + fieldNum +">";
76     var cellC = row.insertCell(2);
77     cellC.innerHTML = "<input type='text' name='tooth[]'
78         id='toothnum." + fieldNum +" size=1px >";
79     var cellD = row.insertCell(3);
80     cellD.innerHTML = "<textarea name='findings[]' id='
81         findings." + fieldNum +"></textarea>";
82
83     var str = '#date'+fieldNum;
84     $(str).datepicker({
85         dateFormat: 'yy-mm-dd',
86         showAnim: 'slideDown',
87         changeMonth: true,
88         changeYear: true,
89         yearRange: '1910:2014'
90     });
91
92     i++;
93 }
94
95 function deleteRadio(tableID){
96     var table = document.getElementById(tableID);
97     var rowCount = table.rows.length;
98     for(var i=0; i<rowCount; i++) {
99         var row = table.rows[i];
100         var chkbox = row.cells[0].childNodes[0];
101         if (null != chkbox && true == chkbox.
102             checked) {
103             if(rowCount <= 2) {
104                 alert("Cannot delete all the rows
105                     .");
106                 break;
107             }
108             table.deleteRow(i);
109             rowCount--;
110             i--;
111         }
112     }
113 }
114
115 var fieldNum2;
116 var j=0;
117
118 function addConsult(tableID){
119     fieldNum2= j+1;
120
121     var table = document.getElementById(tableID);
122     var numRows = table.rows.length;
123     var row = table.insertRow(numRows);
124     row.align = "center";
125
126     var cellA = row.insertCell(0);
127     cellA.innerHTML = "<input type='checkbox' name='"+
128         fieldNum2+"' id='ck"+fieldNum2+"'>";
129     var cellB = row.insertCell(1);
130     cellB.innerHTML = "<input type='text' name='date[]'
131         class='datepicker' id='date." + fieldNum2 +" size
132         =8px>";
133     var cellC = row.insertCell(2);
134     cellC.innerHTML = "<input type='text' name='reason[]'
135         id='reason." + fieldNum2 +" size=10px>";
136     var cellD = row.insertCell(3);
137     cellD.innerHTML = "<input type='text' name='startdate
138         []' class='datepicker' id='startdate." + fieldNum2 +
139         " size=8px>";
140     var cellE = row.insertCell(4);
141     cellE.innerHTML = "<input type='text' name='enddate[]'
142         class='datepicker' id='enddate." + fieldNum2 +"
143         size=8px>";
144     var cellF = row.insertCell(5);
145     cellF.innerHTML = "<textarea name='findings[]' id='
146         findings." + fieldNum2 +"></textarea>";
147
148     j++;
149 }
150
151 var str = '#date_'+fieldNum2;
152 $(str).datepicker({
153     dateFormat: 'yy-mm-dd',
154     showAnim: 'slideDown',
155     changeMonth: true,
156     changeYear: true,
157     yearRange: '1910:2014'
158 });
159
160 var str2 = '#startdate_'+fieldNum2;
161 $(str2).datepicker({
162     dateFormat: 'yy-mm-dd',
163     showAnim: 'slideDown',
164     changeMonth: true,
165     changeYear: true,
166     yearRange: '1910:2014'
167 });
168
169 var str3 = '#enddate_'+fieldNum2;
170 $(str3).datepicker({
171     dateFormat: 'yy-mm-dd',
172     showAnim: 'slideDown',
173     changeMonth: true,
174     changeYear: true,
175     yearRange: '1910:2014'
176 });
177 }
178
179 function deleteConsult(tableID){
180     var table = document.getElementById(tableID);
181     var rowCount = table.rows.length;
182     for(var i=0; i<rowCount; i++) {
183         var row = table.rows[i];
184         var chkbox = row.cells[0].childNodes[0];
185         if (null != chkbox && true == chkbox.
186             checked) {
187             if(rowCount <= 2) {
188                 alert("Cannot delete all the rows
189                     .");
190                 break;
191             }
192             table.deleteRow(i);
193             rowCount--;
194             i--;
195         }
196     }
197 }
198
199 var fieldNum3;
200 var k=0;
201
202 function addService(tableID){
203     fieldNum3= k+1;
204
205     var table = document.getElementById(tableID);
206     var numRows = table.rows.length;
207     var row = table.insertRow(numRows);
208     row.align = "center";
209
210     var cellA = row.insertCell(0);
211     cellA.innerHTML = "<input type='checkbox' name='"+
212         fieldNum3+"' id='ck"+fieldNum3+"'>";
213     var cellB = row.insertCell(1);
214     cellB.innerHTML = "<input type='text' name='
215         servicedate[]' class='datepicker' id='servicedate." +
216         fieldNum3 +" size=8px>";
217     var cellC = row.insertCell(2);
218     cellC.innerHTML = "<textarea name='rendered[]' id='
219         rendered." + fieldNum3 +"></textarea>";
220     var cellD = row.insertCell(3);
221     cellD.innerHTML = "<input type='text' name='fees[]' id
222         ='fees." + fieldNum3 +" size=10px>";
223
224     k++;
225 }
226
227 var str = '#servicedate_'+fieldNum2;
228 $(str).datepicker({
229     dateFormat: 'yy-mm-dd',
230     showAnim: 'slideDown',
231     changeMonth: true,
232     changeYear: true,
233     yearRange: '1910:2014'
234 });
235 }
236
237 function deleteService(tableID){
238     var table = document.getElementById(tableID);
239     var rowCount = table.rows.length;
240     for(var i=0; i<rowCount; i++) {
241         var row = table.rows[i];
242         var chkbox = row.cells[0].childNodes[0];
243         if (null != chkbox && true == chkbox.
244             checked) {
245             if(rowCount <= 2) {
246                 alert("Cannot delete all the rows
247                     .");
248                 break;
249             }
250             table.deleteRow(i);
251             rowCount--;
252         }
253     }
254 }

```

```

230         i--;
231     }
232 }
233 }
234
235
236 var year = new Date().getFullYear();
237
238 /*$(function() {
239     $('datepicker').each(function() {
240         $(this).datepicker({
241             dateFormat: 'yy-mm-dd',
242             showAnim: 'slideDown',
243             changeMonth: true,
244             changeYear: true,
245             yearRange: '1910:'+year
246         });
247     });
248 }
249 );*/
250
251 function checkAll1(value) {
252     if (value) {
253         document.getElementById('hbpy').checked=true;
254         document.getElementById('pijy').checked=true;
255         document.getElementById('hay').checked=true;
256         document.getElementById('tremy').checked=true;
257         document.getElementById('apcpy').checked=true;
258         document.getElementById('bty').checked=true;
259         document.getElementById('say').checked=true;
260         document.getElementById('dptgby').checked=true;
261         document.getElementById('fhfy').checked=true;
262         document.getElementById('paly').checked=true;
263         document.getElementById('pahvy').checked=true;
264         document.getElementById('diay').checked=true;
265         document.getElementById('empty').checked=true;
266         document.getElementById('goiy').checked=true;
267         document.getElementById('afy').checked=true;
268         document.getElementById('bobty').checked=true;
269         document.getElementById('ccy').checked=true;
270         document.getElementById('swlogy').checked=true;
271         document.getElementById('brpy').checked=true;
272         document.getElementById('fity').checked=true;
273         document.getElementById('bsy').checked=true;
274         document.getElementById('fhy').checked=true;
275         document.getElementById('siny').checked=true;
276         document.getElementById('fury').checked=true;
277         document.getElementById('fhay').checked=true;
278         document.getElementById('chey').checked=true;
279         document.getElementById('dizy').checked=true;
280         document.getElementById('puuy').checked=true;
281         document.getElementById('fslcy').checked=true;
282         document.getElementById('biuy').checked=true;
283         document.getElementById('viy').checked=true;
284         document.getElementById('hepy').checked=true;
285         document.getElementById('hiy').checked=true;
286         document.getElementById('hivy').checked=true;
287         document.getElementById('arty').checked=true;
288         document.getElementById('pady').checked=true;
289         document.getElementById('nery').checked=true;
290         document.getElementById('depy').checked=true;
291         document.getElementById('anxy').checked=true;
292         document.getElementById('othy').checked=true;
293         document.getElementById('asty').checked=true;
294
295         document.getElementById('checklist').style.display = "
296         block";
297     }
298     else {
299         document.getElementById('hbpn').checked=true;
300         document.getElementById('pijn').checked=true;
301         document.getElementById('han').checked=true;
302         document.getElementById('tremn').checked=true;
303         document.getElementById('apcpn').checked=true;
304         document.getElementById('btn').checked=true;
305         document.getElementById('san').checked=true;
306         document.getElementById('dptgbn').checked=true;
307         document.getElementById('fhfn').checked=true;
308         document.getElementById('paln').checked=true;
309         document.getElementById('pahvn').checked=true;
310         document.getElementById('dian').checked=true;
311         document.getElementById('empn').checked=true;
312         document.getElementById('goin').checked=true;
313         document.getElementById('afn').checked=true;
314         document.getElementById('bobtn').checked=true;
315         document.getElementById('ccn').checked=true;
316         document.getElementById('swlogn').checked=true;
317         document.getElementById('brpn').checked=true;
318         document.getElementById('ftn').checked=true;
319         document.getElementById('bsn').checked=true;
320         document.getElementById('fhn').checked=true;
321         document.getElementById('sinn').checked=true;
322         document.getElementById('furn').checked=true;
323         document.getElementById('fhan').checked=true;
324         document.getElementById('chen').checked=true;
325         document.getElementById('dizn').checked=true;
326         document.getElementById('puun').checked=true;
327         document.getElementById('fslcn').checked=true;
328         document.getElementById('biun').checked=true;
329
330         document.getElementById('vin').checked=true;
331         document.getElementById('hepn').checked=true;
332         document.getElementById('hin').checked=true;
333         document.getElementById('hivn').checked=true;
334         document.getElementById('artn').checked=true;
335         document.getElementById('padn').checked=true;
336         document.getElementById('nern').checked=true;
337         document.getElementById('depn').checked=true;
338         document.getElementById('anxn').checked=true;
339         document.getElementById('othn').checked=true;
340         document.getElementById('astn').checked=true;
341
342         document.getElementById('checklist').style.display = "
343         none";
344     }
345 }
346
347 function checkAll2(value) {
348     if (value) {
349         document.getElementById('diafy').checked=true;
350         document.getElementById('bdfy').checked=true;
351         document.getElementById('hdfy').checked=true;
352         document.getElementById('canfy').checked=true;
353         document.getElementById('famothy').checked=true;
354
355         document.getElementById('family').style.display = "
356         block";
357     }
358     else {
359         document.getElementById('diafn').checked=true;
360         document.getElementById('bdfn').checked=true;
361         document.getElementById('hdfn').checked=true;
362         document.getElementById('canfn').checked=true;
363         document.getElementById('famothn').checked=true;
364
365         document.getElementById('family').style.display = "
366         none";
367     }
368 }
369
370 function checkAll3(value) {
371     if (value) {
372         document.getElementById('drugay').checked=true;
373         document.getElementById('fooday').checked=true;
374         document.getElementById('rubay').checked=true;
375         document.getElementById('alothy').checked=true;
376
377         document.getElementById('allergy').style.display = "
378         block";
379     }
380     else {
381         document.getElementById('drugan').checked=true;
382         document.getElementById('foodan').checked=true;
383         document.getElementById('ruban').checked=true;
384         document.getElementById('alothn').checked=true;
385
386         document.getElementById('allergy').style.display = "
387         none";
388     }
389 }
390
391 function checkAll4(value) {
392     if (value) {
393         document.getElementById('pregfey').checked=true;
394         document.getElementById('bffey').checked=true;
395         document.getElementById('hrtfey').checked=true;
396         document.getElementById('mensfey').checked=true;
397         document.getElementById('confey').checked=true;
398     }
399     else {
400         document.getElementById('pregfen').checked=true;
401         document.getElementById('bffen').checked=true;
402         document.getElementById('hrtfen').checked=true;
403         document.getElementById('mensfen').checked=true;
404         document.getElementById('confen').checked=true;
405     }
406 }
407
408 function showdiv(element, val) {
409     if (element == "oth") {
410         if (val == "Yes") {
411             document.getElementById('checklist').style.display = "
412             block";
413         }
414         else {
415             document.getElementById('checklist').style.display = "
416             none";
417         }
418     }
419     else if (element == "famoth") {
420         if (val == "Yes") {
421             document.getElementById('family').style.display = "
422             block";
423         }
424         else {
425             document.getElementById('family').style.display = "
426             none";
427         }
428     }
429 }

```

```
419         none";
420     }
421     else if(element == "aloth"){
422         if(val == "Yes"){
423             document.getElementById('allergy').style.display = "
424                 block";
425         }
426     }
427     }
428 }
```

XII. Acknowledgement

Kung hindi naiba ang ihip ng hangin, dapat PolSci candidate for graduation na ako ngayon. No MPs, no time complexities and automata, and of course, no individual SP. But thanks to the scholarship that gave me the opportunity to be in the ComSci curriculum that I get to experience these things. Naiisip ko rin na kung hindi ako sa UP nag-aral, ano na kaya ako ngayon? But I can't imagine myself into any course or into any university anymore. Now, I'll be the first from my family to graduate on UP. Finally, SASABLAY NA AKO!!

Sobrang daming gusto kong pasalamatan and I'll try to squeeze them in dito. First and for most, super duper thank you kay Lord kasi He's the one behind all of these. Salamat po sa wisdom, guidance and blessings na binibigay nyo sa akin everyday. I will sing forever of Your love, oh Lord.

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To my Bangko Sentral family thank you din po. Thank you Sir Erwin, Ma'am Heidi, Sir Bernie, and Ma'am Pia para sa pagtitiyaga sa akin sa buong internship ko. I look forward on working with you someday. Sa mga co-interns ko - Nj, Bryan, Diane, Sarah, Aaron, Claudine, and of course Jomar - salamat sa araw-araw na bonding natin. Dahil sa inyo, naenjoy ko talaga ang OJT ko. Salamat din dahil kahit na di na tayo nagkakausap-usap, andyan parin kayo para imotivate at icheer ako na sabay-sabay din tayong gagraduate.

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Now, another chapter of my life unfolds. Excited indeed!