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LUPUS CLINIC INFORMATION SYSTEM (LuCIS)

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

A clinic information system is a computer based system that is designed for collecting, storing, manipulating and making available clinical information important to the healthcare delivery process.

A clinic information system has been developed for lupus clinics to replace the paper-based system of recording, updating and retrieving medical records. This system is equipped with functionalities that will lessen the burden of the person administering the patient records.

Aside from serving as storage of medical records, LuCIS also includes disease activity calculators that compute for the lupus scores based on the four commonly used disease activity indices such as SLEDAI, SLAM, ECLAM and BILAG. These scores are useful in evaluating the status of lupus in the patient. In addition, the import/export facility of LuCIS allows the integration of lupus data from other clinics' LuCIS database to the clinic's own LuCIS database. This allows the physician/ researcher to increase the number of subjects involved in his study. Searching based on different lupus data can also be done in LuCIS. Lastly, its SMS facility answers the problem of reducing the "did-not-attend" incidences during check-ups and lupus meetings, and helps improve the ability of the clinic to provide efficient service.

The issue of confidentiality in LuCIS is upheld since the system can be accessed only within the clinic. This makes the system protected from illegal entry of non-authorized users and corruption of data. Moreover, authorized users have different user privileges so confidentiality of the patient information is still ensured even within the clinic.

Keywords: Clinic Information System, Medical Consultation Record, Lupus

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I. INTRODUCTION

A. Background of the study

Lupus is a chronic autoimmune inflammatory multi-system disease of unknown cause that manifests itself in approximately 1/2000 individuals. Although lupus is a disease of women during the childbearing years of 15 to 45, the disease has manifested itself in young and elderly, male and female patients of every ethnicity [1].

Prevalence extrapolation for Lupus in the Philippines is estimated to be around 443,891 [2]. Usually, when these patients come to a rheumatology clinic, their demographic data, health history, clinical assessment results, laboratory test results and medication dosages are manually recorded, updated and retrieved. However, the problem with the manual way of keeping medical records is that it is slow, tedious and prone to misplacement or even loss of the records.

Currently, there is commercially available software that tracks the health, well-being and medication of lupus patients. This proprietary software is called British Lupus Integrated Prospective System (BLIPS). Basically, it serves a storehouse of patient records. Furthermore, it allows the user to graph and monitor laboratory results as well as drug dosages, and perform searching based on clinical assessment.

Patient failure to attend hospital outpatient appointments has a significant impact on the ability of hospitals to provide efficient and effective outpatient services. The high failure to attend (FTA) rate results in suboptimal utilisation of clinical and administrative staff, and reduced of revenue opportunities. The patients, who are most likely to forget, or not bother to turn up for appointments, fall within the 16 to 35 age group. By coincidence, people in this age group are heavy users of mobile phones and text messaging. At present, there are outpatient clinics that utilize SMS technology to remind the patients of their check-up schedules. Reports reveal that SMS patient reminder systems have reduced some outpatient clinics' does-not-attend rates by up to 30% [3].

B. Statement of the problem

The current manual system of recording, updating and retrieving medical records is slow and tedious. In addition, it brings about the possibility of loss or misplacement of medical records, which are essential in assessing and monitoring the health and well-being of the lupus patient. Although there is an alternative for hospitals/ clinics to use the proprietary software BLIPS, that idea is still not much preferred because BLIPS is very expensive, not user friendly and requires long time for encoding patient information.

In addition to keeping the medical records efficiently, there is also a need to address the problem of reminding the patient and physician of their check-up and lupus meeting schedules. Patient failure to attend hospital outpatient appointments has a significant impact on the ability of hospitals to provide efficient and effective outpatient service.

C. Objectives

Main Objectives

The objective of the proposal is to create an information system that would store medical records in a database that can be accessed through the hospital's intranet, to provide a disease activity calculator based on four disease activity indices, to incorporate an import/export facility for the integration of data from others clinics that can be used for research purposes, and to incorporate an SMS reminder application that would alert the patients and attending physicians of their check-up schedules and lupus meeting dates.

Specific Objectives

To create Lupus Clinic Information System (LuCIS) with the following functionalities:

- 1) allows the physician to perform the following functionalities on his patients only:

- a)** add medical consultation records which include:
 - a.1) demographics
 - a.2) chief complaint
 - a.3) history of present illness
 - a.4) birth and development history
 - a.5) menstrual history
 - a.6) personal and social history
 - a.7) disease prevention measures
 - a.8) past medical history
 - a.9) review of systems
 - a.10) laboratory exam results
 - a.11) physical exam results
 - a.12) case summary (subjective/objective/assessment/plans)
 - a.13) check-up schedule,
- b)** save an unfinished medical consultation record as draft,
- c)** finalize a draft medical consultation record,
- d)** fill-out disease activity index forms using the following disease activity indices: Systemic Lupus Erythematosus Disease Activity Index (SLEDAI), British Isles Lupus Assessment Group (BILAG), Systemic Lupus Activity Measure (SLAM) and European Consensus Lupus Activity Measurement (ECLAM),
- e)** view medical records, current disease activity scores and progress charts based on the SLEDAI, BILAG, SLAM and ECLAM disease activity indices,
- f)** view check-up schedules and Lupus meeting dates,
- g)** generate consultation summary
- h)** generate summary reports including all Lupus patients (grouped by age, gender, etc.),
- i)** change password,

2) allows the clerk to perform the following functionalities in behalf of the physician:

- a) add medical consultation records which include:
 - a.1) demographics
 - a.2) chief complaint
 - a.3) history of present illness
 - a.4) birth and development history
 - a.5) menstrual history
 - a.6) personal and social history
 - a.7) disease prevention measures
 - a.8) past medical history
 - a.9) review of systems
 - a.10) laboratory exam results
 - a.11) physical exam results
 - a.12) case summary (subjective/objective/assessment/plans)
 - a.13) check-up schedule,
 - b) fill-out disease activity index forms using the following disease activity indices: SLEDAI, BILAG, SLAM, ECLAM,
 - c) save an unfinished medical consultation record as draft,
 - d) view check-up schedules and Lupus meeting dates,
 - e) change password,
- 3) allows system administrator:
- a) set LuCIS settings,
 - b) set the default lupus meeting schedule,
 - c) set the number of days allowed for a consultation record to remain as draft. After which, the consultation record will be automatically finalized
 - d) add/ activate/ deactivate a user account,
 - e) import the LuCIS database of other clinics for research purposes,
 - f) export the LuCIS database for other clinics' research purposes,
 - g) view an audit trail of transactions, particularly the editing of finalized medical consultation records, made within the system,
 - h) view check-up schedules and Lupus meeting dates,
- 4) the system will generate and send SMS reminders to patients and physicians regarding their check-up schedules and lupus meeting dates

D. Significance

LuCIS will allow for a more simplified, user- friendly and customized implementation that will suit the needs of the clinic. With LuCIS, the clinic can track their patient's health, well- being and medication. Furthermore, the import/ export facility of LuCIS will allow for the integration of data from other clinics that may be used in research studies. A reminder system via SMS shall also be incorporated into LuCIS in order to remind efficiently the patients and physicians of their check-up schedules and lupus meeting dates.

E. Scope and limitations

- 1) Users who will use data from existing BLIPS database or other databases know how to export data into a format that can be imported into LuCIS.
- 2) LuCIS database will be imported/ exported as an Excel file.
- 3) Patients and physicians cannot query the system via SMS.
- 4) LuCIS will only include the most commonly used disease activity indices such as SLEDAI, SLAM, ECLAM and BILAG.

F. Assumptions

- 1) It is assumed that the end-users of the system (physicians, clerks, system administrator) have received proper training on the use of LuCIS.
- 2) Patients with mobile phones may subscribe to LuCIS' SMS reminder system.
- 3) SMS reminders regarding check-up schedules will be sent twice (two days and a day before the check- up schedule). Lupus meeting reminders will be sent a day before the lupus meeting.
- 4) The default lupus meeting date is scheduled on the first Saturday of each month.
- 5) It is the responsibility of the patient/ physician to notify the clerk/ system administrator regarding the changes in mobile phone numbers.
- 6) Clerks can add old medical records only. These refer to those records that were present prior to the implementation of LuCIS.

- 7) Only the patient's physician may finalize the medical consultation record. It is also his duty to error check whatever is in the medical consultation record.
- 8) A system administrator who happens to be a physician or clerk will have two user accounts, that is, as a system administrator and as a physician or clerk.

II. REVIEW OF RELATED LITERATURE

Missed appointments or “Did Not Attends” (DNAs) represent a substantial cost for both public and private healthcare service providers. Using Outpatient Reminder and Paging System (ORPS), the interactive outpatient reminder system, a novel and cost effective method of dealing with patient DNA has been addressed. The technological capabilities are transparent at all times to both users and patients, with the overall benefit of ORPS being a reduction of DNAs due to notification close to appointment times. The additional facility of offering confirmation via a text based routine allows hospitals to reorganize resources in a cost effective manner [4].

In today's health care, an increasing number of automated information systems are used to support the process of health care delivery. Until now, the impact of these systems on health care costs and health care outcome, are seldom assessed. However, more and more evidence regarding the impact and effectiveness of these systems are required. Many automated information systems are aimed to support the information infrastructure of a health care institution. They should make information better and faster available and/or make the management of information less labor intensive.

The effects of the automated information system are investigated at the dermatology outpatient clinic of the university hospital of Leiden. To analyze whether changes in the duration of activities of the receptionists can be translated into e.g. personnel savings and/or reduced patient waiting times, a simulation model of the dermatology outpatient clinic has been developed. Simulations of the dermatology outpatient clinic show a good approximation of the waiting times. For 6 out of 7 consultation rooms the results of the simulations fall within the 95% confidence interval of the measured waiting times [5].

C-DAC's Sushrut, a Hospital Information System (HIS) has been developed with the objective of streamlining the treatment flow of a patient in the hospital, while allowing doctors and other staff to perform to their peak ability, in an optimized and efficient manner. The HIS developed by C-DAC is modular, thus ensuring sustained benefits through changes in technology, protecting and providing optimal returns from the investment. It is modeled on a unique combination of a 'patient centric and medical staff centric' paradigm, beneficial to the recipients and the providers of healthcare [6].

HealthSpan is an integrated health information system used to streamline the care of patients seen at the Brody School of Medicine at East Carolina University and Pitt County Memorial Hospital. It combines an electronic medical record, computerized physician order entry, pharmacy and other health care applications. It was made by Epic Systems, and Brody, PCMH and other components of University Health Systems of Eastern Carolina uses it [7].

PreMIS is a pre-hospital electronic medical records system for North Carolina. It is much more than a database of EMS information. PreMIS was designed from its very foundation to be a critical link to the future of EMS. PreMIS provides a method for each EMS provider in North Carolina to enter patient care data into a central database. There are four methods of data entry into the PreMIS database: 1) web browser using the internet, 2) customized application on a PDA, 3) a written form that will be faxed into the database, and 4) import from an established database into the PreMIS database. Other components of PreMIS include: billing export capabilities, technician and provider tracking, and an extensive quality management toolkit [8].

Another example of a record system is COSTAR (Computer- Stored Ambulatory Record), one of the earliest ambulatory care record systems developed at Massachusetts General Hospital in Boston. It allows patient registration and scheduling, storage and retrieval of clinical data, and financial capabilities such as billing. The core COSTAR system is in the public domain so that other vendors and institutions can modify and enhance it. Another well-known ambulatory system is the Regenstrief Medical Record System at Indiana University which implements similar functions but is also well-known for its capacity for physician decision support.

There have also been a number of long-standing EMR systems for hospitals. The HELP (Health Evaluation through Logical Processing) system was developed at the University of Utah and Latter-Day Saints (LDS) Hospital in Salt Lake City. Similar to the Regenstrief system, it attempts to actively assist physician decision-making by providing alerts of potentially problematic situations and reminders for routine care [9].

Other examples of electronic medical record systems are Turbo-Doc, ChartLogic EMR and VisTA. Turbo-Doc is an electronic medical record system designed to assist physicians and other health care workers in completing medical record tasks. Its goal is to develop and provide tools that save time as well as money while improving and facilitating patient care. Using the combination of powerful, easy to learn, customizable software, portable laptop computers, PDAs and the Internet, physicians can eliminate transcription costs as well as save the physician time [10].

ChartLogic EMR is a feature-rich, physician voice driven, comprehensive EMR that is usable by anyone in the practice. Its precision voice technology allows its clients the most flexible and encompassing way to complete patient notes and enter data into an EMR. Precision Voice eliminates the need for transcription completely, providing monthly savings almost immediately as well as ensuring the highest level of accuracy. Aside from the said feature, ChartLogic EMR also has messaging, patient tracker, diagnosis director and prescription writer [11].

The Veterans Health Information Systems and Technology Architecture (VistA) is an enterprise-wide information system built around an electronic health record, used throughout the United States Department of Veterans Affairs (VA) medical system, known as the Veterans Health Administration (VHA). By 2001, the VHA was the largest single medical system in the United States, providing care to 4 million veterans, employing 180,000 medical personnel and operating 163 hospitals, over 800 clinics and 135 nursing homes. By providing electronic health records capability, VistA is thereby one of the most widely used EHRs in the world [12].

III. THEORETICAL FRAMEWORK

A. Lupus

Lupus is a chronic autoimmune inflammatory multi-system disease of unknown cause. It commonly occurs in women during the childbearing years of 15- 45. Women are affected ten times more often than men in this age group [13]. The disease is common among Orientals and Blacks.

There are four different forms of lupus. The type most commonly seen in older individuals is related to lupus induced by drug exposure. This is usually a brief illness, especially if one recognizes the offending medication and it is stopped. The second type of lupus occurs only on the skin. This is called the discoid lupus and this rash can lead to permanent scarring of the skin. The third type of lupus is the systemic form, which is the most serious form that can affect multiple systems in the body which may include- the skin, joints, blood, lungs, kidneys, heart, brain and nervous system. The systemic form is almost always associated with the antibodies, which are detected in the blood as representatives of the immune system going haywire. Lastly, the systemic form of lupus can also be part of an overlap syndrome that includes problems from more than one type of rheumatic autoimmune disorders such as lupus and rheumatoid arthritis [14].

Lupus has protean and often complex manifestations, which necessitates careful clinical assessment. It is important to remember that not all clinical problems reported by a lupus patient are due to the disease. While some may be a consequence of therapy, others may be unrelated to lupus. Therefore, it is important to understand the totality of the effect of the disease on the patient [15].

B. Disease Activity Index

Disease activity and lupus cannot be measured directly by using any individual laboratory value or clinical sign. Thus, disease activity measures have been developed for lupus. Lupus is usually assessed with complex disease activity scores comprising a variety of different parameters. Among the commonly used disease activity indices are SLEDAI, ECLAM, SLAM and BILAG.

1) Systemic Lupus Erythematosus Disease Activity Index (SLEDAI)

The SLEDAI measures disease activity by weighting the importance of each organ system involved. The scale consists of 24 weighted attributes, grouped into 9 domains, called organ systems (weightings in parentheses): central nervous system (8), vascular (8), renal (4), musculoskeletal (4), serosal (2), dermal (2), immunologic (2), constitutional (1), and hematologic (1). If during a 10-day period prior to the assessment, a patient fulfills an attribute, then the corresponding weighted score will be given. The sum of all weighted attribute scores comprises the final SLEDAI score. Final SLEDAI scores range between 0 and 105, with 0 being no disease activity [16].

2) European Consensus Lupus Activity Measurement (ECLAM)

The ECLAM is a measure of disease activity for adult SLE that has been developed in a group process. It consists of 34 items grouped into 12 domains. The domains and attributes are as follows: 1) generalized manifestations ; 2) articular manifestations; 3a) active mucocutaneous manifestations; 3b) evolving mucocutaneous manifestations; 4) myositis; 5) pericarditis; 6) intestinal manifestations; 7) pulmonary manifestations; 8) evolving neuropsychiatric manifestations; 9a) renal manifestations; 9b) evolving renal manifestations; 10) hematologic manifestations; 11) erythrocyte sedimentation rate; 12a) hypocomplementemia; and 12b) evolving hypocomplementemia.

The final ECLAM disease activity score is always an integer number between 0 and 10 and does not correspond to the sum of the domain scores. Several rules are to be considered when calculating the final ECLAM disease activity score [16]:

- a) If disease activity is present in only 1 of the items of the organ systems 1-10 (as numbered above), then 2 scores are added to the sum of the domain score,
- b) Sums of non-integer domain scores under 6 are rounded down to the next lower integer,

- c) Sums of non-integer domain scores between 6 and 10 are rounded up to the next higher integer,
- d) All sums of domain scores greater than 10 are rounded off to 10 to obtain the final ECLAM disease activity score.

3) Systemic Lupus Activity Measure (SLAM)

SLAM is a system proposed by rheumatologists to measure disease activity in their patients with systemic lupus erythematosus. It involves scoring a group of clinical symptoms and laboratory findings, the maximum possible score being 84. In systemic LE, the mid-point is between 9 and 12 [17].

4) British Isles Lupus Assessment Group (BILAG)

The BILAG index is a clinical measure of lupus disease activity. It has been shown to be comprehensive, valid, reliable and sensitive to change. The scoring system for the BILAG index of disease activity is based upon the principle of the physician's intention to treat. In BILAG index, the disease activity in different organs/ systems is reported separately. There are eight systems: general, mucocutaneous, neurological, musculoskeletal, cardiorespiratory, vasculitis, renal and haematological. A score is calculated for each system depending on the clinical features present and whether they are new, worse, the same or improving in the last 4 weeks compared with previously.

The most severe features in each system, which are deemed to require high dose steroids (prednisolone >20 mg daily or equivalent) and/or cytotoxic agents, characterize an A score. One or more features may have to be present to score an A, depending on the system. More moderate disease items that would be considered appropriate to treat with lower dose steroids, antimalarials or non-steroidal anti-inflammatory drugs (NSAIDs) contribute to a B score. Mild symptomatic features that require just symptomatic therapy, for example with analgesics and NSAIDs, can only contribute to a C score. If there are no current symptoms but the system has previously been involved then a D is recorded. If the system has never been

involved, it is scored E. A severe flare of lupus has been defined as a new score of A in any system and a moderate flare has been defined as a score of B in any system which previously scored D or E [18].

C. Clinical Information System

A Clinical Information System (CIS) is a computer based system that is designed for collecting, storing, manipulating and making available clinical information important to the healthcare delivery process.

Clinical Information Systems provide a clinical data repository that stores clinical data such as the patient's history of illness and the interactions with care providers. The repository encodes information capable of helping physicians decide about the patient's condition, treatment options, and wellness activities as well as the status of decisions, actions undertaken and other relevant information that could help in performing those actions [19]. CIS also includes decision support programs (such as clinical guidelines and drug interaction checking) and communication tools such as electronic messaging systems.

D. Medical record

A medical record or health record is a systematic documentation of a patient's medical history and care. The term medical record refers to both the physical folder for each individual patient and to the body of information which comprises the total of each patient's health history. The information contained in the medical record allows health care providers to provide continuity of care to individual patients. The medical record also serves as a basis for planning patient care, documenting communication between the health care provider and any other health professional contributing to the patient's care [20].

Basically, it contains the demographics, chief complaint, history of present illness, present medications, past medical history, family history, review of systems, physical exam, laboratory results, clinical assessment results, therapeutic plans and medications.

E. Database System

A database is a structured collection of records or data that is stored in a computer system so that a computer program using a query language can consult it to answer queries. The records retrieved in answer to queries are information that can be used to make decisions. The computer program used to manage and query a database is known as a database management system [21].

Schema is the structural description of the type of facts held in a database. It describes the objects that are represented in the database, and the relationships among them. A common model for organizing a schema is the relational model, which represents all information in the form of multiple related tables, each consisting of rows and columns. This model represents relationships by the use of values common to more than one table.

F. Short Message Service

SMS stands for Short Message Service. It is a technology that enables the sending and receiving of messages between mobile phones. The data that can be held by an SMS message is very limited. One SMS message can contain 160 characters if 7-bit character encoding is used or 70 characters if 16-bit Unicode UCS2 character encoding is used.

The SMS specification has defined a way for a computer to send SMS messages through a mobile phone or GSM/GPRS modem. A GSM/GPRS modem is a wireless modem that works with GSM/GPRS wireless networks. Most mobile phones can be used as a wireless modem [22].

IV. DESIGN AND IMPLEMENTATION

A. Entity Relationship Diagram

The Entity Relationship Diagram of LuCIS is shown in Figure 1. LuCIS recognizes the physician, the clerk and the system administrator as its authorized users.

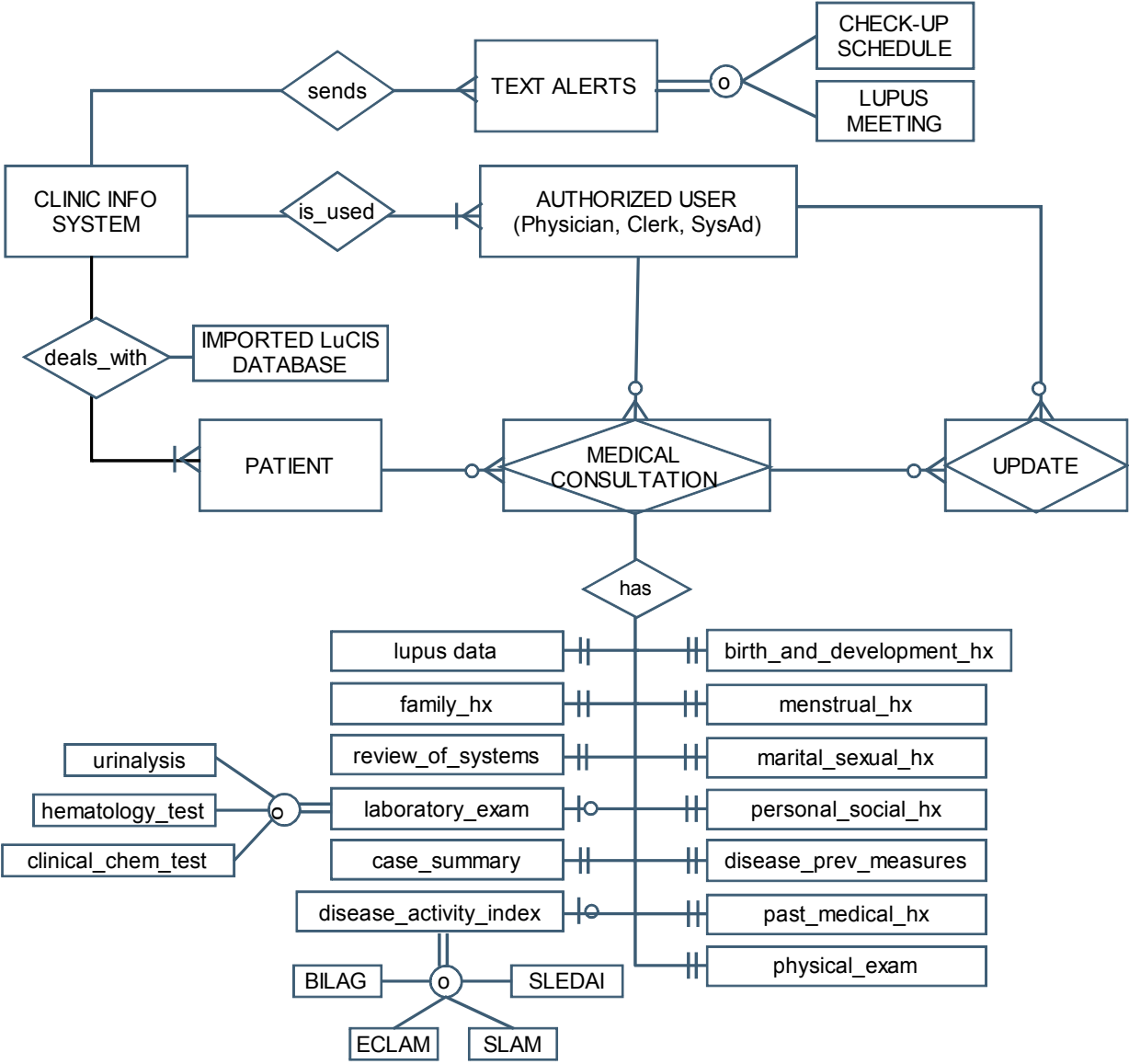


Figure 1. Entity Relationship diagram of LuCIS

B. Database table

CLINIC_INFO_SYSTEM- contains the clinic information

Data field	Data type	Description
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CLIN_CODE	varchar	primary key, derived attribute, clinic's code
CLIN_NAME	varchar	clinic's name
CLIN_ADDRESS	varchar	clinic's address
CLIN_TELEFAX	varchar	clinic's telefax no.
CLIN_EMAIL	varchar	clinic's email address
CLIN_AUTOFIN	int	No. of days allowed for a medical record to remain draft

PATIENT – contains the demographic data of the patient

Data field	Data type	Description
PATIENTID	varchar	primary key, patient's ID
PATFNAME	varchar	patient's first name
PATMNAME	varchar	patient's middle name
PATLNAME	varchar	patient's last name
SEX	varchar	sex
BIRTHDATE	date	date of birth
MOBILENO	varchar	mobile no
TELNO	varchar	telephone no
ADDRESS	varchar	home address
CIVILSTAT	varchar	civil status
ETHNICITY	varchar	ethnicity
RELIGION	varchar	religion
OCCUPATION	varchar	occupation

USER – contains the user information of the authorized users

Data field	Data type	Description
USERNAME	varchar	Primary key, user's username
PASSWORD	varchar	user's password
EMPNO	varchar	user's employee no.
EMPNAME	varchar	user's last name
EMPCONTACTNO	varchar	user's contact no.
STATUS	char	status of user
USERPOSITION	varchar	user's position
USERTYPE	char	type of user

MEDICAL_CONSULTATION – contains the data of a medical consultation record

Data field	Data type	Description
MED_RECNO	varchar	primary key, medical consultation record no.

MED_PID	varchar	Foreign key, patient's ID
MED_EMPNAME	varchar	Foreign key, username of the attending physician
MED_TIMESTAMP	timestamp	timestamp of the medical consultation
MED_STAT	varchar	Status of the medical record (draft or final)
CHIEFCOMPLAINT	blob	Chief complaint
HXPRESSENTILLNESS	blob	History of present illness

birth_and_development_hx – contains the patient's birth and development history for a particular medical consultation

Data field	Data type	Description
BIRTH_PID	varchar	Foreign key, Patient's ID
BIRTH_RECNO	varchar	Foreign key, medical consultation record no.
FEEDINGHX	varchar	Patient's feeding history
BIRTH_STAMP	timestamp	Timestamp of birth and developmental history

menstrual_hx – contains the patient's menstrual history for a particular medical consultation

Data field	Data type	Description
MENS_PID	varchar	Foreign key, Patient's ID
MENS_RECNO	varchar	Foreign key, medical consultation record no.
MENARCHEAGE	int	Menarche age
MENOPAUSEAGE	int	Menopausal age
MENS_FLOWINT	varchar	Menstruation flow interval
MENS_DURATION	varchar	Menstruation duration
MENS_AMOUNT	varchar	Menstruation amount
LMP	varchar	Last day of menstrual period
PMP	varchar	
MENS_STAMP	timestamp	Timestamp of menstrual flow history

marital_sexual_hx - contains the patient's marital and sexual history for a particular medical consultation

Data field	Data type	Description
MAR_RECNO	VARCHAR	Foreign key, medical consultation record no.
OBSTETRICAL	VARCHAR	Obstetrical history

FAMILY PLANNING	VARCHAR	Family planning methods
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personal_social_hx - contains the patient's personal and social history for a particular medical consultation

Data field	Data type	Description
PER_PID	varchar	Foreign key, Patient's ID
PER_RECNO	varchar	Foreign key, medical consultation record no.
DIETS	varchar	Patient's diet
HABITS	varchar	Patient's habits
HOBBIES	varchar	Patient's hobbies
PER_STAMP	timestamp	Timestamp of personal and social history

disease_prev_measures - contains the patient's disease prevention measures for a particular medical consultation

Data field	Data type	Description
DIS_PID	varchar	Foreign key, Patient's ID
DIS_RECNO	varchar	Foreign key, medical consultation record no.
DIPHTHERIA	int	Age at diphtheria immunization
PERTUSSIS	int	Age at pertussis immunization
TETANUS	int	Age at tetanus immunization
POLIO	int	Age at polio immunization
HEPATITIS	int	Age at hepatitis immunization
MEASLES	int	Age at measles immunization
MUMPS	int	Age at mumps immunization
RUBELLA	int	Age at rubella immunization
INFLUENZA	int	Age at influenza immunization
MEDVISITS	enum	Regular medical visits
BLOODTEST	enum	Regular blood tests
TESTRESULTS	varchar	Results of blood test/ x-rays
DIS_STAMP	timestamp	Timestamp of disease prevention measures

past_medical_hx - contains the patient's past medical history for a particular medical consultation

Data field	Data type	Description
PAST_PID	varchar	Foreign key, Patient's ID
PAST_RECNO	varchar	Foreign key, medical consultation record no.
ALLERGIES	varchar	Allergies that have occurred in

		the past
ILLNESSES	varchar	Past illnesses
OPERATIONS	varchar	Past operations
TRANSFUSIONS	varchar	Past transfusions
INJURIES	varchar	Past injuries
MEDICATIONS	varchar	Current medications
ADVERSEDRUG	varchar	Presence of adverse drug reactions
PAST_STAMP	timestamp	Timestamp of past medical history

physical_exam - contains the patient's physical exam for a particular medical consultation

Data field	Data type	Description
PHY_PID	varchar	Foreign key, Patient's ID
PHY_RECNO	varchar	Foreign key, medical consultation record no.
WEIGHT	decimal	Weight in kilograms
HEIGHT	decimal	Height in inches
BP	varchar	Blood pressure
TEMP	decimal	Body temperature
PULSERATE	varchar	Pulse rate
RESPRATE	varchar	Respiration rate
GENSURVEY	varchar	General survey
SKIN	varchar	Skin evaluation
HEENT	varchar	HEENT evaluation
MOBILITY	varchar	Neck mobility
LYMPH	varchar	Neck lymph nodes
THYROID	varchar	Neck thyroid gland
OTHERMASSES	varchar	Neck other masses
BREAST	varchar	Breast evaluation
THORAX	varchar	Thorax evaluation
PULSES	varchar	Pulses evaluation
ABDOMEN	varchar	Abdomen evaluation
GENURINARY	varchar	Genitourinary evaluation
MUSCULO	varchar	Musculoskeletal system evaluation
MENTALSTAT	varchar	Mental status evaluation
CRANIALNERVES	varchar	Cranial nerves evaluation
GAITSTATION	varchar	Gait and station evaluation
MOTOR	varchar	Motor evaluation
COORDINATION	varchar	Coordination and other involuntary movements
SENSORY	varchar	Sensory evaluation
SUPERFICIAL	varchar	Superficial reflex evaluation
DEEPTENDON	varchar	Deep tendon reflex evaluation
ABNORMAL	varchar	Abnormal reflex evaluation

PHY_STAMP	timestamp	Timestamp of physical exam
-----------	-----------	----------------------------

family_hx - contains the patient's family history for a particular medical consultation

Data field	Data type	Description
FAM_RECNO	VARCHAR	Foreign key, medical consultation record no.
ALLERGY	VARCHAR	Presence of allergies on relatives
ALLERGY_SPEC	VARCHAR	Allergy specification
ASTHMA	VARCHAR	Presence of asthma on relatives
ASTHMA_SPEC	VARCHAR	Asthma specification
GOUT_ATHRITIDES	VARCHAR	Presence of gout and other arthritides on relatives
GOUT_SPEC	VARCHAR	Gout and other arthritides specification
BLOOD_DYSCRASIA	VARCHAR	Presence of blood dyscrasia on relatives
BLOOD_SPEC	VARCHAR	Blood dyscrasia specification
CANCER	VARCHAR	Presence of cancer on relatives
CANCER_SPEC	VARCHAR	Cancer specification
DIABETES	VARCHAR	Presence of diabetes on relatives
DIABETES_SPEC	VARCHAR	Diabetes specification
HEART_DISEASE	VARCHAR	Presence of heart disease on relatives
HEART_SPEC	VARCHAR	Heart disease specification
HYPERTENSION	VARCHAR	Presence of hypertension on relatives
HYPERTENSION_SPEC	VARCHAR	Hypertension specification
STROKE	VARCHAR	Presence of stroke on relatives
STROKE_SPEC	VARCHAR	Stroke specification
MENTAL_ILLNESS	VARCHAR	Presence of mental illness on relatives
MENTAL_SPEC	VARCHAR	Mental illness specification
OTHERS	VARCHAR	Presence of other disease on relatives

review_of_systems - contains the patient's review of systems results for a particular medical consultation

Data field	Data type	Description
ROS_PID	varchar	Foreign key, Patient's ID
ROS_RECNO	varchar	Foreign key, medical consultation record no.
GENERALSURV	varchar	General condition description

EYES	varchar	Eye condition
ENT	varchar	Ears, nose, throat condition
HEART	varchar	Heart condition
RESPIRATORY	varchar	Respiratory system condition
GASTROINTESTINAL	varchar	Gastro intestinal system condition
GENITOURINARY	varchar	Genitor urinary system condition
MUSCULOSKELETAL	varchar	Musculoskeletal condition
SKINBREAST	varchar	Skin and breast condition
NEUROLOGIC	varchar	Neurologic condition
PSYCHIATRIC	varchar	Psychiatric condition
ENDOCRINE	varchar	Endocrine system condition
HEMATOLOGIC	varchar	Hematologic condition
ROS_STAMP	timestamp	Timestamp of review of systems

case_summary - contains the case summary for a particular medical consultation

Data field	Data type	Description
CS_PID	varchar	Foreign key, Patient's ID
CS_RECNO	varchar	Foreign key, medical consultation record no.
SUBJECTIVE	tinytext	Subjective data of the consultation
OBJECTIVE	tinytext	Objective data of the consultation
ASSESSMENT	tinytext	Physician's assessment of the case
PLAN	tinytext	Therapeutic plans and medications
CS_STAMP	timestamp	Timestamp of case summary

CLIN_CHEM – contains the clinical chemistry laboratory exam results

Data field	Data type	Description
CC_PID	varchar	Foreign key, Patient's ID
CLINCHEMLAB	varchar	Laboratory where the lab exam was taken
CLINCHEMDATE	date	Date when lab exam was taken
FBSNV	varchar	FBS S.I. Unit normal value
FBS	decimal	FBS S.I. Unit result
BUNNV	Varchar	BUN S.I. Unit normal value
BUN	decimal	BUN S.I. Unit result
CRTNV	varchar	CREATININE S.I. Unit normal value
CRT	decimal	CREATININE S.I. Unit result
UANV	varchar	URIC ACID S.I. Unit normal value
UA	decimal	URIC ACID S.I. Unit result

TRINV	varchar	TRIGLYCERIDES S.I. Unit normal value
TRI	decimal	TRIGLYCERIDES S.I. Unit result
HDLNV	varchar	HDL S.I. Unit normal value
HDL	decimal	HDL S.I. Unit result
LDLNV	varchar	LDL S.I. Unit normal value
LDL	decimal	LDL S.I. Unit result
VLDLNV	varchar	VLDL S.I. Unit normal value
VLDL	decimal	VLDL S.I. Unit result
ALBNV	varchar	ALBUMIN S.I. Unit normal value
ALB	decimal	ALBUMIN S.I. Unit result
GLBNV	varchar	GLOBULIN S.I. Unit normal value
GLB	decimal	GLOBULIN S.I. Unit result
AGRNV	varchar	A/G RATIO S.I. Unit normal value
AGR	decimal	A/G RATIO. Unit result
SODNV	varchar	SODIUM S.I. Unit normal value
SOD	decimal	SODIUM S.I. Unit result
POTNV	varchar	POTASSIUM S.I. Unit normal value
POT	decimal	POTASSIUM S.I. Unit result
ALTNV	varchar	ALT/SGPT S.I. Unit normal value
ALT	decimal	ALT/SGPT S.I. Unit result
ALKNV	varchar	ALK PHOSPHATE S.I. Unit normal value
ALK	decimal	ALK PHOSPHATE S.I. Unit result
UPNV	varchar	24HR URINE PROTEIN S.I. Unit normal value
UP	decimal	24HR URINE PROTEIN S.I. Unit result
UCNV	varchar	24HR URINE CREATININE S.I. Unit normal value
UC	decimal	24HR URINE CREATININE S.I. Unit result
CCNV	varchar	CREATININE CLEARANCE S.I. Unit normal value
CC	decimal	CREATININE CLEARANCE S.I. Unit result
CC STAMP	varchar	Timestamp of clinical chem

HEMATOLOGY – contains the results of the Hematology laboratory test

Data field	Data type	Description
H PID	varchar	Foreign key, Patient's ID
HEMALAB	varchar	Laboratory where the lab exam was taken
HEMADATE	date	Date when lab exam was taken

HG	decimal	Hemoglobin result
HGNV	varchar	Hemoglobin result
HEMA	decimal	Hematocrit result
HEMANV	varchar	Hematocrit result
RBC	decimal	RBC count result
RBCNV	varchar	RBC count result
WBC	decimal	WBC count result
WBCNV	varchar	WBC count result
PLT	decimal	Platelets result
PLTNV	varchar	Platelets result
SEG	decimal	Segmenters result
SEGNV	varchar	Segmenters result
LYM	decimal	Lymphocyte result
LYMNV	varchar	Lymphocyte result
H_STAMP	timestamp	Timestamp of hematology

URINALYSIS – contains the results of routine urinalysis

Data field	Data type	Description
U_PID	varchar	Foreign key, Patient's ID
URINELAB	varchar	Laboratory where the lab exam was taken
URINEDATE	DATE	Date when lab exam was taken
URINECOLOR	varchar	urine color
TRANSPARENCY	varchar	urine transparency
SP_GRAVITY	decimal	urine specific gravity
PH	decimal	pH level of the urine
SUGAR	varchar	Sugar result
ALBUMIN	varchar	Albumin result
UR_RBC	varchar	RBC result
UR_WBC	varchar	WBC result
CAST	varchar	cast result
HYALINE	varchar	Hyaline microscopic findings
GRANULAR	varchar	Granular microscopic findings
WAXY	varchar	Waxy microscopic findings
PUS	varchar	Pus- cells microscopic findings
RBC	varchar	RBC microscopic findings
RBC_CELLS	varchar	RBC result
PUS_CELLS	varchar	Pus- cells result
YEAST_CELLS	varchar	Yeast cells result
SQUAM_CELLS	varchar	Squamous cells result
RENAL_CELLS	varchar	Renal cells result
BACTERIA	varchar	Bacteria result
MUCUS	varchar	Mucus threads result
AMORPHOUS_URATE	varchar	Amorphous urates result
URIC_ACID	varchar	Uric acid result

CALCIUM OXALATE	varchar	Calcium oxalate result
AMORPHOUS PO4	varchar	Amorphous PO4 result
TRIPLE PO4	varchar	Triple PO4 result
U_STAMP	timestamp	Timestamp of urinalysis

BILAG - contains the BILAG results

Data field	Data type	Description
BILAG_PID	varchar	Foreign key, Patient's ID
BILAG_SCORE	varchar	BILAG total score
BILAG_GENERAL	varchar	general non-specific manifestations
BILAG_MUCO	varchar	mucocutaneous events
BILAG_NEURO	varchar	Neurological events
BILAG_MUSCULO	varchar	Musculoskeletal events
BILAG_CARDIO	varchar	Cardiovascular events
BILAG_VASCU	varchar	Vasculitis events
BILAG_RENAL	varchar	Renal events
BILAG_HEMA	varchar	Hematology events
BILAG_NOTES	varchar	BILAG notes

ECLAM - contains the ECLAM results

Data field	Data type	Description
ECLAM_PID	varchar	Foreign key, Patient's ID
ECLAM_SCORE	int	ECLAM total score
ECLAM_NOTES	varchar	ECLAM notes
ECLAM_STAMP	timestamp	Timestamp of ECLAM

SLAM - contains the SLAM results

Data field	Data type	Description
SLAM_PID	varchar	Foreign key, Patient's ID
SLAM_SCORE	int	SLAM total score
SLAM_NOTES	varchar	SLAM notes
SLAM_STAMP	timestamp	Timestamp of SLAM

SLEDAI – contains the SLEDAI results

Data field	Data type	Description
SLEDAI_PID	varchar	Foreign key, Patient's ID
SLEDAI_SCORE	int	SLEDAI total score
SLEDAI_NOTES	varchar	SLEDAI notes
SLEDAI_STAMP	timestamp	Timestamp of ECLAM

AUDITTRAIL– contains an audit trail of transactions done within the system

Data field	Data type	Description
AUDITUSERID	varchar	Username of the person making the changes
AUDITRECNO	varchar	Record no. of the medical record being updated
AUDITDETAILS	timestamp	Details of the transaction
AUDITSTAMP	varchar	Timestamp of the transaction

IMPORTCLINIC– contains the details of the imported LuCIS databases

Data field	Data type	Description
IMP_NAME	varchar	Name of clinic
IMP_CODE	varchar	Clinic code
IMP_ADD	varchar	Clinic address
IMP_CONTACT	varchar	Clinic’s Contact details
IMP_STAMP	varchar	Timestamp of database import

IMPORTLUPUSDATA– contains the details of the imported LuCIS databases

Data field	Data type	Description
IMP_PID	varchar	Primary key, Patient’s ID
IMP_SEX	varchar	Patient sex
DIAGNOSISAGE	int	Age at lupus diagnosis
DATEOFBIRTH	varchar	Date of birth
IMP_ACR	varchar	ACR criteria at lupus diagnosis
IMP_HGB	decimal	Hemoglobin
IMP_WBC	decimal	WBC results
IMP_PLT	decimal	Platelet count
IMP_ESR	decimal	ESR result
IMP_ALB	decimal	Albumin result
IMP_UWBC	decimal	Urine WBC
IMP_RBC	decimal	RBC result
IMP_CASTS	decimal	Urine casts
IMP_CRT	decimal	Urine creatinine
IMP_C3	decimal	Urine C3
IMP_MAN	decimal	Presenting manifestations

LUPUSDATA– contains the details of the imported LuCIS databases

Data field	Data type	Description
LUPUS_PID	varchar	Primary key, Patient’s ID
LUPUSAGE	int	Age at lupus diagnosis
LUPUSDATE	varchar	Date of lupus diagnosis
ACR	varchar	ACR criteria at diagnosis
HGB	decimal	Hemoglobin

WBC	decimal	WBC results
PLT	decimal	Platelet count
ESR	decimal	ESR result
ALB	decimal	Albumin result
UWBC	decimal	Urine WBC
RBC	decimal	RBC result
CASTS	decimal	Urine casts
CRT	decimal	Urine creatinine
C3	decimal	Urine C3
LUPUSMAN	decimal	Presenting manifestations at lupus diagnosis
LUPUS STAMP	timestamp	Timestamp of lupus data

LUPUSMTG– contains the date of lupus meetings

Data field	Data type	Description
MEETING	varchar	Primary key, Date and time of lupus meeting
VENUE	varchar	Meeting venue

SENTALERTS– contains the details of sent text alerts

Data field	Data type	Description
SENTSTAMP	timestamp	Timestamp when text alert was sent
PATID	varchar	Recipient's Patient ID
RECIPIENT	varchar	Recipient's mobile number
MESSAGE	varchar	Text message

SKED– contains the details of check-up schedules

Data field	Data type	Description
SKED_PID	varchar	Patient's ID
SKED_RECNO	varchar	Patient's medical record no.
SKED_PHY	varchar	Patient's attending physician
SCHEDULE	varchar	Schedule of check-up
SKED_NOTES	tinytext	Check-up notes

C. Context Flow Diagram

The context flow diagram of LuCIS is illustrated in Figure 2. It shows the users of the system, the input of each user and the corresponding output delivered by the system. The physician and clerk may add a new medical consultation and save it as draft.

However, it is only the physician who can finalize a medical consultation draft. The system administrator is responsible for managing LuCIS settings and user accounts.

An SMS reminder is sent to the patient to alert him of his check-up schedule and lupus meeting date.

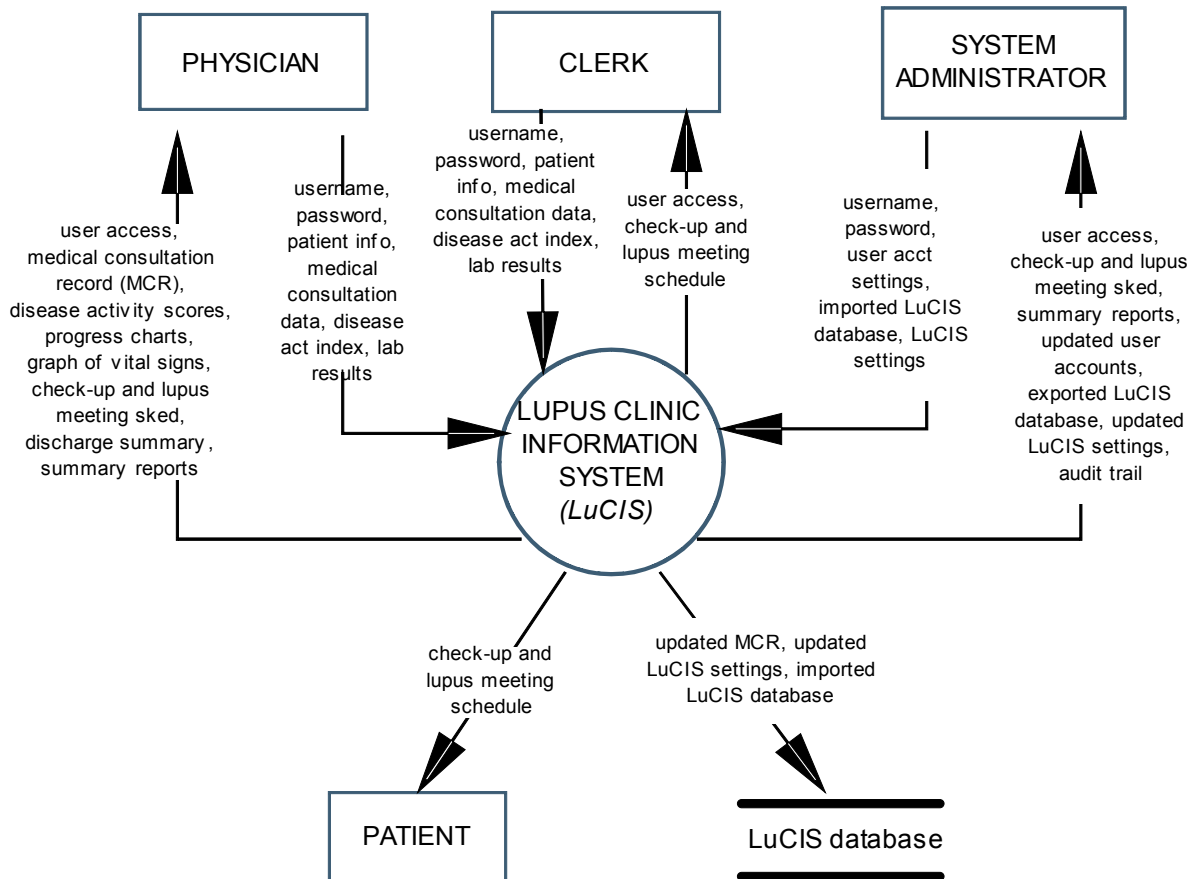


Figure 2. Context Flow diagram of LuCIS

D. Data Flow Diagram

The main processes of the system are shown in Figure 3. The succeeding figures illustrate the sub-explorations of the main processes of the Lupus Clinic Information System.

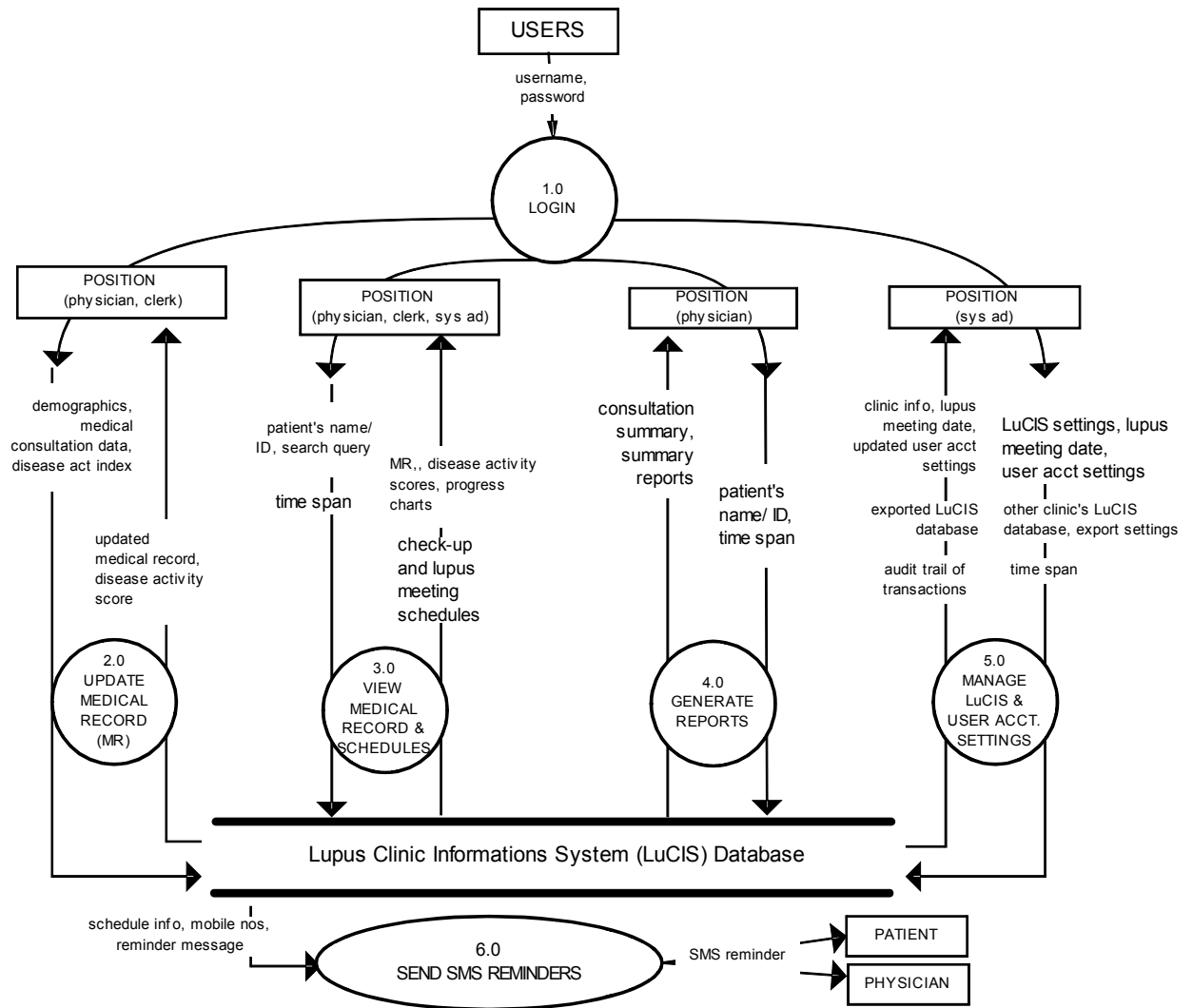


Figure 3. Data Flow diagram of LuCIS

When the users login to the system, the system will immediately identify the position of the user and will limit his functionalities based on his position.

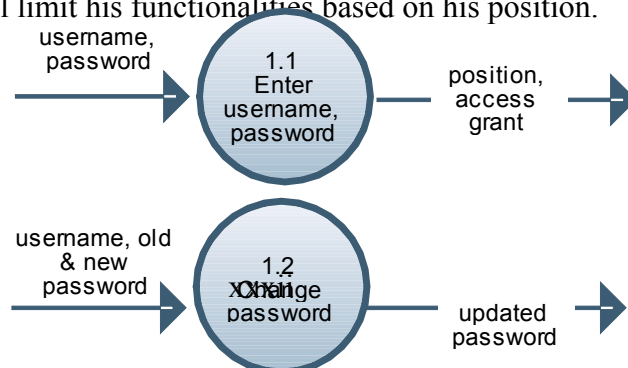


Figure 4. Sub-explosion of Process 1.0 (LOGIN), LuCIS

A medical consultation record can be finalized by the physician only if all the mandatory entities have been filled out. Medical records that cannot be completed at the moment can be saved as draft and be finalized later by the attending physician. Draft medical records will be finalized automatically depending on the number of days set by the system administrator. Figures 5, 6 and 7 show the sub-explosions of updating a medical record.

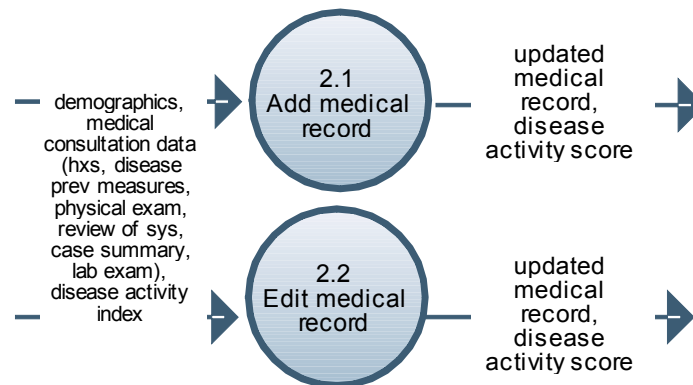


Figure 5. Sub-explosion of Process 2.0 (UPDATE MEDICAL RECORD), LuCIS

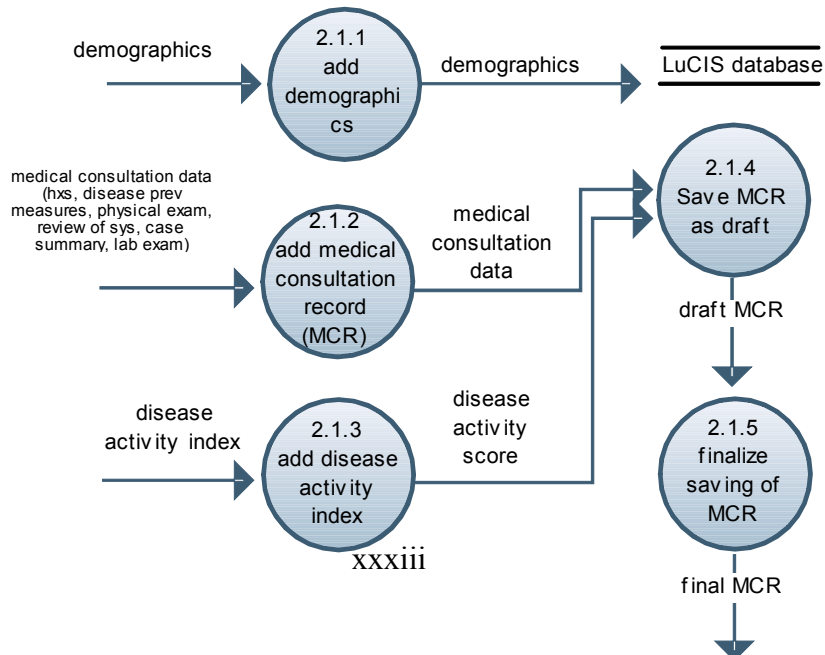


Figure 6. Sub-explosion of Process 2.1 (ADD MEDICAL RECORD), LuCIS

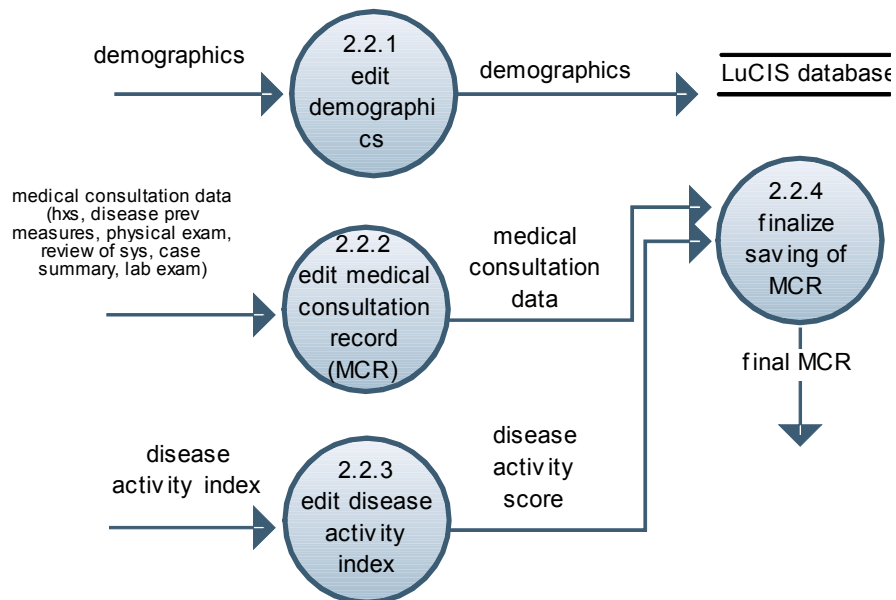


Figure 7. Sub-explosion of Process 2.2 (EDIT MEDICAL RECORD), LuCIS

Figures 8, 9 and 10 show the sub-explosions of Process 3.0 (View medical record and schedules).

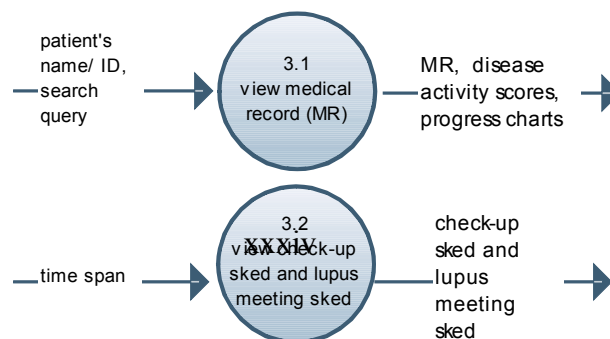


Figure 8. Sub-explosion of Process 3.0 (VIEW MEDICAL RECORD AND SCHEDULES), LuCIS

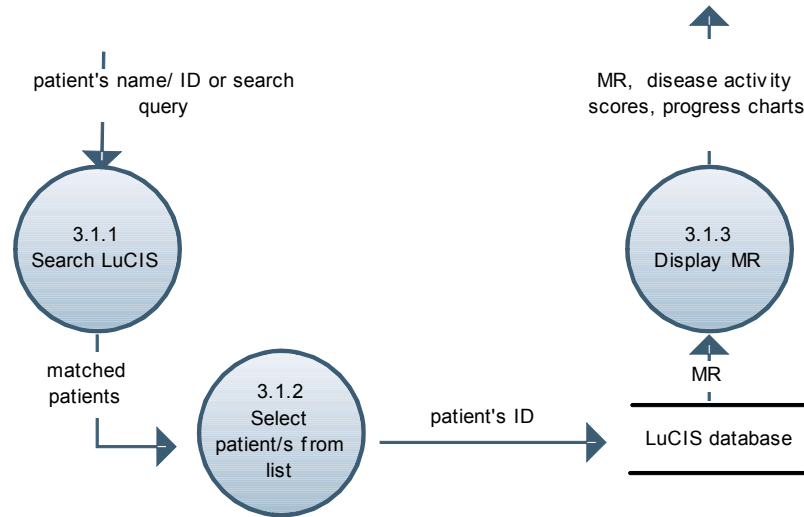


Figure 9. Sub-explosion of Process 3.1 (VIEW MEDICAL RECORD), LuCIS

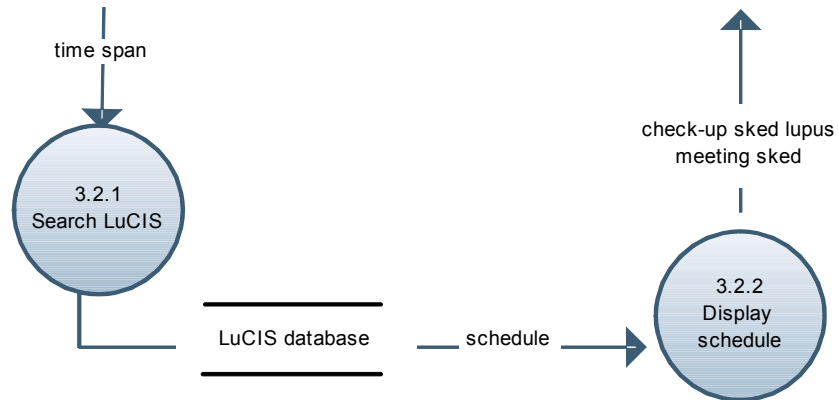


Figure 10. Sub-explosion of Process 3.2 (VIEW CHECK-UP SKED AND LUPUS MEETING SKED), LuCIS

LuCIS generates consultation summaries and displays it in PDF format. Furthermore, LuCIS generates summary reports based on the local and/ or imported databases. Figures 11, 12 and 13 show the sub-explosions for these processes.

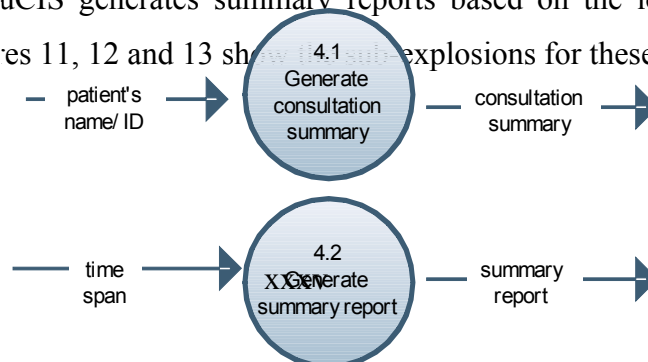


Figure 11. Sub-explosion of Process 4.0 (GENERATE REPORTS), LuCIS

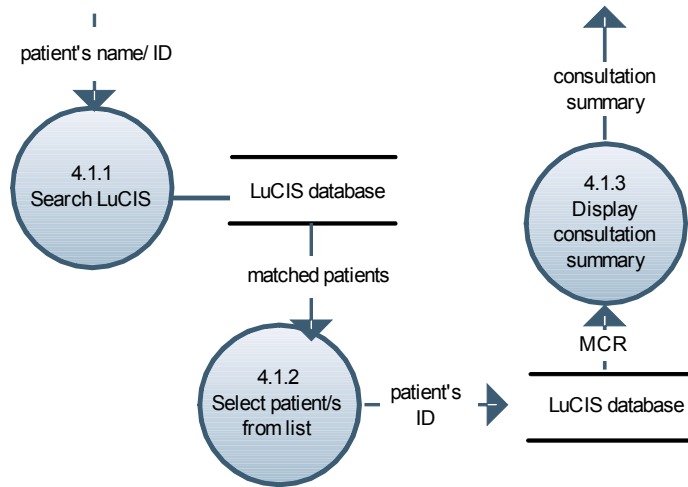


Figure 12. Sub-explosion of Process 4.1 (GENERATE CONSULTATION SUMMARY), LuCIS

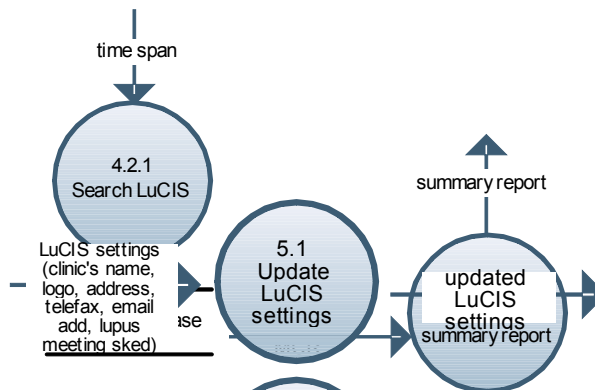


Figure 13. Sub-explosion of Process 5.0 (MANAGE SETTINGS AND REPORTS), LuCIS

System administrator is responsible for managing user accounts and LuCIS settings which include user account settings (user's name, contact no, user status, position, usertype, username, password) for each user. Moreover, the system administrator can import/export LuCIS database, export LuCIS settings, and view audit trail of transactions made within the system. Figures 14, 15, and 16 show the sub-explosions for these processes.

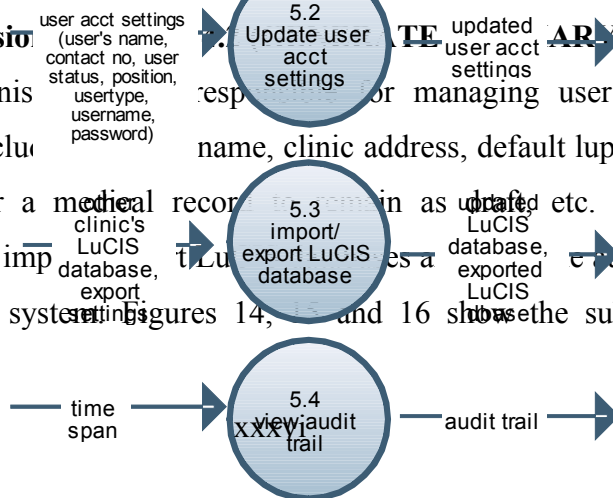


Figure 14. Sub-explosion of Process 5.0 (MANAGE LuCIS AND USER ACCOUNT SETTINGS), LuCIS

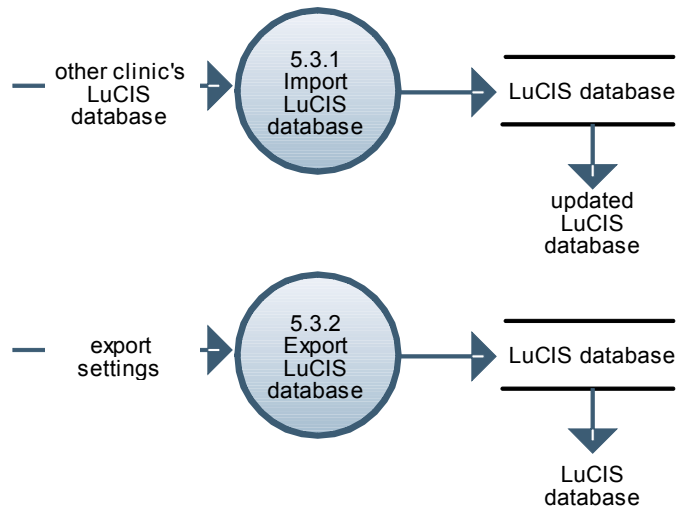


Figure 15. Sub-explosion of Process 5.3 (IMPORT/ EXPORT LuCIS DATABASE), LuCIS

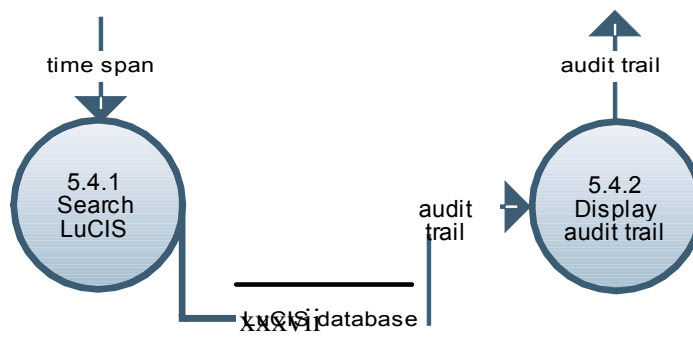


Figure 16. Sub-explosion of Process 5.4 (VIEW AUDIT TRAIL), LuCIS

Sending check-up and lupus meeting reminders to patients via SMS requires the system to fetch the schedule information and mobile numbers of the patients from the database. Figure 17 illustrates the sub-explosion for sending of SMS reminders.

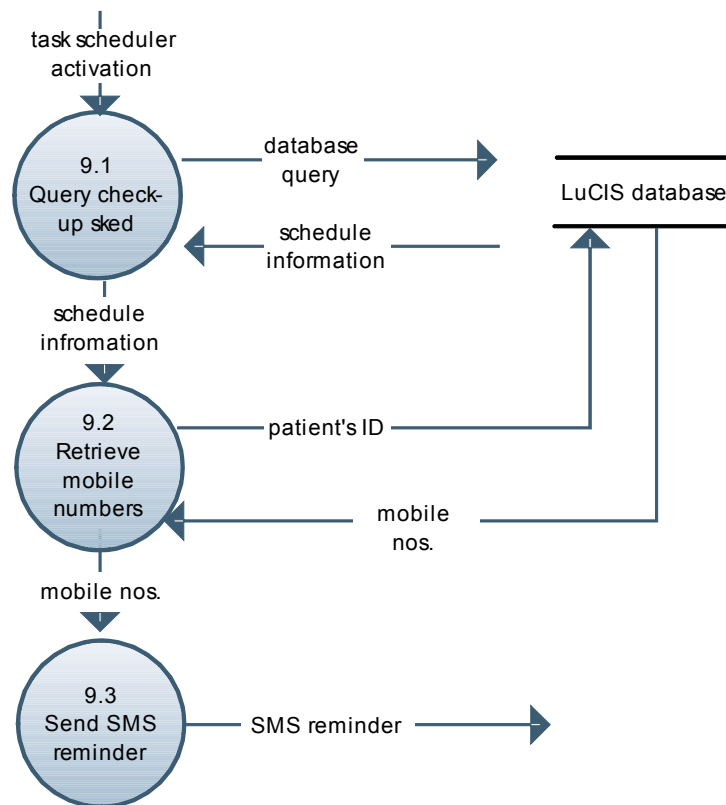


Figure 17. Sub-explosion of Process 6.0 (SEND SMS REMINDERS), LuCIS

E. Technical Architecture

Figure 18 illustrates the technical architecture of LuCIS. The system will run on client/server computer architecture. A connection between the server and mobile phone is needed in sending SMS reminders. Hence, a serial/ USB cable/ infrared/ bluetooth will be used for the connection between the mobile phone and server.

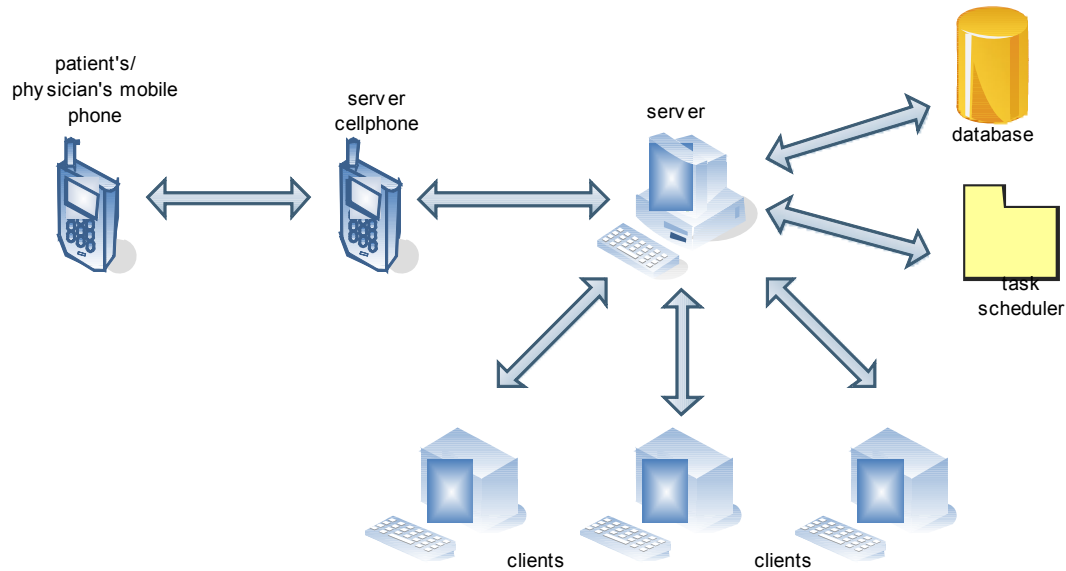


Figure 18. Technical architecture of LuCIS

The server machine should have a speed of at least 500 megahertz and a memory of at least 128MB. The server shall have the following applications:

- Apache server (version 1.3.33 and up)
- MySQL (at least 4.1.9)
- PHP (version 4.3.10 and up)
- Gammu
- Task scheduler

The clients' machine should have a speed of at least 200 megahertz and memory of at least 128 MB.

V. RESULTS

The main interface of the LuCIS is shown in Figure 19. Users are identified according to their username, which serves as the primary key in the database table. Upon successful login, the next interface will be based on the position of the user, whether he is a physician, clerk or system administrator. Figure 20 shows the physician's interface along with the functionalities.



LuCIS
Lupus Clinic Information System

LUPUS CLINIC INFORMATION SYSTEM
UST Hospital

Sign in

Username

Password

LUPUS Advocacy



"Butterfly"
1953-21-10-05


resembling a "butterfly"

"Lupus is a chronic autoimmune inflammatory multi-system disease of unknown cause. Most commonly it occurs in women during the childbearing years, ages 15-45. Women are affected ten times more often than men in this age group. However, younger and older individuals can develop lupus, but when children or those over 45 have lupus women are affected only two times as often as men. The disease is commoner in Orientals and Blacks."

-Lupus Inspired Advocacy


Copyright © 2008 | by Therese Rosario A. Marcelo - UP Manila | Design: David Herreman

Figure 10 Main page, LuCIS



LuCIS
Lupus Clinic Information System

LUPUS CLINIC INFORMATION SYSTEM
UST Hospital



USER PROFILE

Name: Dr. Yvette Marie Dago
Position: Physician
User type: Physician

Funtionalities

- [Add medical consultation record](#)
- [Add lab exam or disease activity index](#)
- [View medical record](#)
- [Edit and finalize drafts](#)
- [Generate summaries](#)
- [View schedules](#)

Add New Patient

*Note: items marked with * are required fields.*

DEMOGRAPHICS*
LUPUS DATA*
CC*
HX
DPM
ROS
PE
CS*

Demographics *

Name *

Birthdate *

Sex * Male Female

Civil Status

Address *

Mobile no.

Tel no.

Ethnicity

Religion

Occupation

Figure 20. Add Medical Consultation Record, LuCIS

The screenshot shows the 'Add laboratory exam results or disease activity index' page in the LuCIS system. The browser address bar shows 'http://localhost/LuCIS/abdal2.php#rhematology'. The page has a sidebar with a 'USER PROFILE' section for Dr. Yvette Marie Dago and a 'Funtionalities' menu. The main content area is divided into 'PATIENT INFORMATION' and 'Laboratory Tests' sections.

PATIENT INFORMATION

Patient's ID: UST08-1001
 Name: Manapat, Zenaida Mamaoag
 Date of birth: 1954-02-03
 Sex: female
 Address: 3 Dos Castillas St. Sampaloc, Manila
 Previous Medical Records: UST08-1001-60 FINAL

Laboratory Tests

Clinical Chem | Hematology | Routine Urine | SLEDAI | ECLAM | SLAM | BILAG

Note: Laboratory exam results will not be considered if the laboratory name is left empty.

Hematology

Laboratory name: New World Laboratory
 Date taken: 2008-02-21

TEST	RESULT	NORMAL VALUE
Hemoglobin	121	130-180 g/L
Hematocrit	0.37	0.42-0.52
RBC count	4	4.5-5.0 X 10 ⁹ /L
WBC count	6	5-10 X 10 ⁹ /L
Platelets	272	150-400 X 10 ⁹ /L
Segmenters	0.71	0.36-0.66
Lymphocyte	0.29	0.22-0.40

At the bottom of the page, there is a section for 'XII' (Disease Activity Indices) with a table for SLEDAI, ECLAM, SLAM, and BILAG.

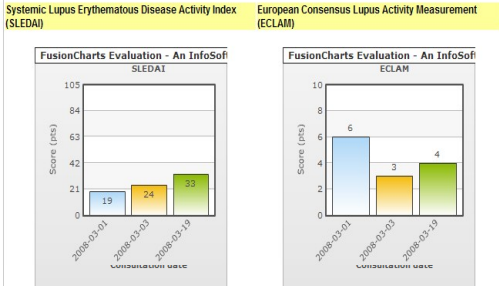
USER PROFILE
 Name: Dr. Yvette Marie Dago
 Position: Physician
 User type: Physician

- Functionalities**
- Add medical consultation record
 - Add lab exam or disease activity index
 - View medical record
 - Edit and finalize drafts
 - Generate summaries
 - View schedules

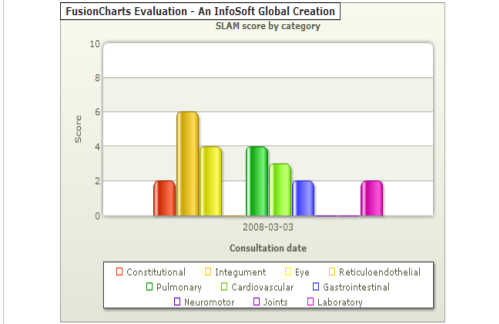
View Medical Record

PATIENT INFORMATION	
Patient's ID	UST08-1001
Name	Manapat, Zenaids Mamaoag
Date of birth	1954-02-03
Sex	female
Address	3 Dos Castillas St., Sampaloc, Manila
Previous Medical Records	UST08-1001-60 FINAL

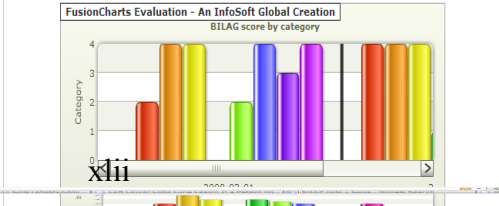
Disease Activity Assessment Charts



Systemic Lupus Activity Measure



BILAG Legend:
 A=4: severe
 B=3: more moderate disease
 C=2: mild symptomatic feature
 D=1: no current symptoms but the system has been previously involved
 E=0: system has never been involved



For Disease the patient viewed by:

us in n be

Figure 22. View Medical Record, LuCIS

ave a Copy Search Select 150%

LUPUS CLINIC INFORMATION SYSTEM

UST Hospital

Patient Information

Patient ID	UST08-1001	Medical Record No	UST08-1001-60 (FINAL)
Name	Manapat, Zenaida Mamaoag	Attending Physician	Dr. Yvette Marie Dago
Sex	female	Report Date/Time	2008-03-03 07:22:59
Date of Birth	1954-02-03		
Contact Nos	/		
Address	3 Dos Castillas St., Sampaloc, Manila		

Lupus Data

Age at lupus diagnosis	30				
Mo/Yr of lupus diagnosis	08/1984				
ACR criteria at lupus diagnosis	malar rash, discoid rash, renal				
Laboratory tests at lupus diagnosis					

Hgb	121 g/L	WBC	33	Pit	1 gM/L	ESR	6 x 109/L
Urine: alb	0	wbc	0 g/L	rbc	272 x 109/L	casts	0
Creatinine	0 mm/hr	C3	0		skin		

xliiii

Chief Complaint

Abdominal pain, malaise, fatigue, bilateral lower-extremity swelling, and low-grade fever.

History of Present Illness

The patients chest x-ray showed bilateral nodular infiltrates with no effusion. A week later, the patient went to a local hospital with abdominal pain and a low-grade fever. An abdominal computed tomography (CT) scan showed a 2.4-cm lower left lobe lung lesion, which was presumed cavitary, and left pleural effusion.

Birth and Developmental History (Not filled-out)

ave a Copy Search Select 150% LUPUS CLINIC INFORMATION SYSTEM UST Hospital

BILAG

GENERAL
MUCOCUTANEOUS
NEUROLOGICAL
MUSCULOSKELETAL
CARDIOVASCULAR & RESPIRATORY
VASCULITIS

SLAM

Total Score
Constitutional Group
Integument Group
Eye Group
Reticulendothelial Group
Pulmonary Group

http://localhost/LuCIS/summaries.php

Lupus Clinic Information System 127.0.0.1 >> localhost >> lucis >> importlup...

LuCIS
Lupus Clinic Information System

LUPUS CLINIC INFORMATION SYSTEM
UST Hospital

Generate Summaries
 Include all data from other clinics' database

USER PROFILE
Name: Dr. Yvette Marie Dago
Position: Physician
User type: Physician

Funfunctionalities
Add medical consultation record
Add lab exam or disease activity index
View medical record
Edit and finalize drafts
Generate summaries

No. of Lupus Patients (by sex)
FusionCharts Evaluation - An InfoSoft
No. of Lupus Patients (all databases)
by sex

Sex	No. of Patients
male	13
female	6

No. of Lupus Patients (by age)
FusionCharts Evaluation - An InfoSoft Global Creation
No. of Lupus Patients
by age

Age range	No. of Patients
10-20	0
20-30	2
30-40	3
40-50	5
50-60	6
60-70	3
70-80	0
80-90	0
90 above	0

11 out of 19 record(s) matched your query.
Query: SELECT COUNT(*) FROM LUPUSDATA where (HGB= '121')
SELECT COUNT(*) FROM IMPORTLUPUSDATA where (IMPL_HGB= '121')
Search parameters
Hgb H2C
ESR xlv
rbc wbc
C3 CR1
ACR Criteria
Presenting manifestations

Copyright © 2008 by Therese Rosario A. Marcelo - UP Manila | Design: David Herrera

Figure 24. Generate Summaries, LuCIS

The screenshot displays the LuCIS interface. At the top left is the LuCIS logo with the text 'Lupus Clinic Information System'. At the top right, it says 'LUPUS CLINIC INFORMATION SYSTEM' and 'UST Hospital'. On the left side, there is a 'USER PROFILE' section for Andrea Cruz, Clerk 1. Below this is a 'Funtionalities' (sic) menu with options like 'Add medical consultation record', 'Add lab exam or disease activity index', and 'View schedules'. The main content area is titled 'View check-up and lupus meeting schedules'. It includes a form to 'See schedule for the' with radio buttons for 'day', 'week', and 'month', and date pickers for '2008-03-24' to '2008-03-28'. A 'View!' button is next to the dates. Below the form is a table titled 'Schedule from Mar 24, 2008 to Mar 28, 2008' with columns for Time, Patient Name, Appointment details, and Attending Physician.

Time	Patient Name	Appointment details	Attending Physician
Mar 25 Tue 09:30 AM	Manapat, Zenaída M.	obtain CBC and urinalysis	Dr. Yvette Marie Dago
Mar 27 Thu 08:23 AM	Meneses, John C.		Dr. Lea Aragon
Mar 27 Thu 08:24 AM	Antonio, Miquel S.		Dr. Lea Aragon

Figure 25. View check-up and lupus meeting schedules, LuCIS

System administrators are in-charged of adding and maintaining user accounts. Descriptions of the functionalities of each user type are included in the page. User accounts can either be activated or deactivated. Figure 26 shows the interface for managing user accounts.

Manage User Accounts
See user type privileges

NAME OF USER	POSITION	USER TYPE	STATUS
Dr. Julius Ong	System Administrator	System Administrator	A
Dr. Yvette Marie Dago	Physician	Physician	A
Dr. Lea Aragon	Rheumatolgy Consultant	Physician	A
Andrea Cruz	Clerk 1	Clerk	A

Add New User

USER PROFILE
Name: Dr. Julius Ong
Position: System Administrator
User type: System Admin

Funtionalities
Set LuCIS settings
Manage user accounts
Import LuCIS

Figure 26. Manage user accounts, LuCIS

Set LuCIS Settings

Note: items marked with * are required fields.

Clinic name* UST Hospital
Address* Espana, Manila
Contact no.* 70308787
E-mail address usth@ust.com
Lupus meeting 2008-03-01 09:00 AM
Days allowed for automatic finalizing of medical consultation drafts* 5

xlvi Save Settings

USER PROFILE
Name: Dr. Julius Ong
Position: System Administrator
User type: System Admin

Funtionalities
Set LuCIS settings
Manage user accounts
Import LuCIS
Export LuCIS
View audit trail
View schedules

Lupus Clinic Information System
LUPUS CLINIC INFORMATION SYSTEM
UST Hospital

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Figure 27. Set LuCIS settings, LuCIS

On figure 28 are the SMS reminders that may be received by the patients and physicians enrolled in the system's SMS facility.

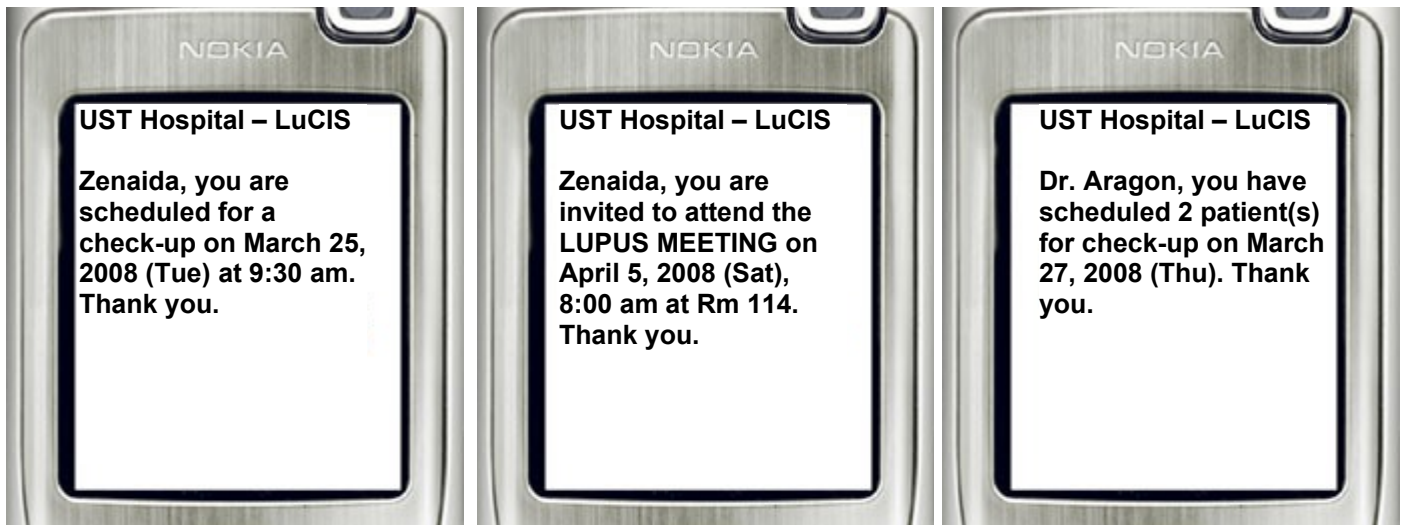


Figure 28. SMS reminders, LuCIS

VI. DISCUSSION

Lupus Clinic Information System (LuCIS) is an electronic medical record that allows the physician to store patient information and medical records in a database that can be accessed within the clinic. Aside from serving as storage of medical records, LuCIS also includes disease activity calculators that compute for the lupus scores based on the commonly used disease activity indices like SLAM, SLEDAI, ECLAM and BILAG. These scores are used to monitor and determine whether or not the patient is positively reacting to the medications/therapies given to him. Disease activity scores are displayed graphically to facilitate better comparison of scores. In addition to that, the export/ import facility of LuCIS allows the

clinic to incorporate lupus data from other clinics to its own LuCIS database. This allows the physician/ researcher to increase the number of subjects involved in his study. Searching based on different lupus data can also be done in LuCIS.

The reminder system of LuCIS utilizes Short Message Service to alert the patients and physicians of their check-up schedules and lupus meeting date. The default date for lupus meetings is every first Saturday of each month, but the system administrator may change it to another date by modifying the LuCIS settings. Text alerts for check-ups are sent twice: first alert is sent two days before the check-up and second alert is sent a day before the check-up. On the other hand, reminders for lupus meeting are sent a day before the lupus meeting. These text alerts increase the degree of recall among patients and physicians, and help improve the ability of the clinic to provide efficient service. Though the SMS facility of LuCIS is expected to reduce the “did-not-attend” incidences in the clinic, it does not necessarily assure that the patient will show up on the day of his check-up. Moreover, the SMS feature is one way only; patients cannot query the system and if they have clarifications or questions, they have to call the clinic.

The issue of confidentiality in LuCIS is upheld since the system can be accessed only within the clinic. This makes the system protected from illegal entry of non-authorized users and corruption of data. Moreover, authorized users have different user privileges so confidentiality of the patient information is still ensured even within the clinic.

VII. CONCLUSION

Lupus Clinic Information System (LuCIS) helps in the realization of the preventive care program and makes the work of the person administering the files less tedious since it does away with the manual system of recording, updating and retrieving of medical records. Also, its SMS facility answers the problem of reducing the “did-not-attend” incidences during check-ups and lupus meetings. In addition to that, the disease activity calculators of LuCIS compute for the disease activity score based on SLEDAI, SLAM, ECLAM and BILAG disease activity indices. These scores are useful in evaluating the status of lupus in the patient. Lastly, the import/export facility of LuCIS allows the integration of lupus data from other clinics’ LuCIS database to the clinic’s own LuCIS database. Lupus data from other

databases like BLIPS may also be imported into LuCIS provided that the user knows how to export such database in a format that LuCIS recognizes.

There are three types of users for LuCIS- the physician, clerk and system administrator.

With LuCIS, the physician can add medical consultation records and save them as draft or final, add laboratory exam results, fill-out disease activity index forms, view medical records, edit drafts and finalize them, generate summaries, view his appointments with his patients, and change his password.

Clerks, on the other hand, are allowed to add medical consultation records and save them as draft, add laboratory exam results, fill-out disease activity index forms, view schedules, and change his password.

The system administrator can specify the settings of LuCIS, manage user accounts, import and export LuCIS, view an audit trail of the transactions, view schedules and change his password.

VIII. RECOMMENDATION

LuCIS sends automated SMS alerts to patients and physicians but it does not have the capability to entertain queries from them. Therefore, it is recommended that patients and physicians be allowed to query the system via SMS. Also, confirmation and cancellation of schedules via SMS may also be added.

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_ob=ArticleURL&_udi=B6WBJ-461K40F-3&_user=3728211&_coverDate=04%2F30%2F2002 &_rdoc=1&_fmt=summary&_orig=search&_cdi=6712&_sort=d&_docanchor=&view=c&_acct=C000061230&_version=1&_urlVersion=0&_userid=3728211&md5=df4d1b08e403ad7fee1b10ca328366a

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X. APPENDIX

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10.	Source codes.....	
	66

DISEASE PREVENTION MEASURES:

I. IMMUNIZATIONS:

TYPE	AAK	TYIN	AGE
Diphtheria		Measles	
Pertussis		Mumps	
Tetanus		Rubella	
Polio		Influenza	
Hepatitis		Others	

II. REGULAR MEDICAL VISITS: Yes No

III. REGULAR BLOOD TESTS/X-RAYS: Yes No

Result(s):

PAST MEDICAL HISTORY:

ALLERGIES:

ILLNESSES:

OPERATIONS:

TRANSFUSIONS:

INJURIES:

MEDICATIONS:

Current:

Frequently Used:

Herbal:

ADVERSE DRUG REACTIONS:

REVIEW OF SYSTEMS

GENERAL:
weight change/fever/sweats/
anorexia/weakness/fatigue/
insomnia/others

SKIN:
itchiness/color change/
pigmentation/rash/
vasomotor change/photo-
sensitivity/hair/nails/
moles/others

EYE:
visual dysfunction/
redness/itchiness/pain/
scotomata/lacrimation/
others

EAR:
deafness/tinnitus/dis-
charge/others

NOSE:
epistaxis/discharge/
obstruction/smell/post-
nasal drip/sinusitis/
others

MOUTH:
bleeding gums/sores/
fissures/tongue
abnormalities/dental
caries/others

THROAT:
soreness/tonsillitis/
others

NECK:
stiffness/limitation of
motion/masses/adenopathy/
sensation of lump in
the throat/others

BREAST:
masses/discharge/trauma/
others

PULMONARY:

dyspnea/shortness of breath/cough/sputum production/hemoptysis/wheezing/back pain/chest wall abnormality/others

CARDIAC:

chest pain/easy fatigability/nocturnal/dyspnea/orthopnea/palpitations/syncope/edema/hypertension/others

VASCULAR:

phlebitis/varicosities/claudeication/others

GASTRO- INTESTINAL:

nausea/vomiting/retching/hematemesis/melena/hematochezia/dysphagia/retching/indigestion/food intolerance/flatulence/abdominal pain/distention/diarrhea/constipation/spinal lesions/others

GENITO- URINARY:

urinary frequency/urgency/hesitancy/dysuria/hematuria/nocturia/urine stream flow abnormality/flank pain/stones/urethral discharge/genital lesions/testicular mass/perineal pain/impotence vaginal discharge/abnormal bleeding/others

MUSCULOSKELETAL:

joint stiffness/pain/swelling/muscle pain/cramps/weakness/wasting/trauma/abnormal posture/others

ENDOCRINE:

heat-cold intolerance/thyroid problems/breast-voice change/diabetes or diabetic indicators/neck surgery/irradiation/others

HEMATOPOIETIC:

abnormal bleeding/bruising/anemia/adaptopathy/others

NEUROLOGIC:

headache/seizure/sensory perversion/motor dysfunction/speech disturbance/mental changes/head trauma/others

PSYCHIATRIC:

anxiety/depression/interpersonal relationship difficulties/illusion/delusion/hallucination/paranoia/others

PHYSICAL EXAMINATION:

Wt. (kg.): _____ Ht. (cm.): _____ BP (mm. Hg.) _____ Temp. (°C/°F) _____
Pulse rate/character: _____
Respiratory rate/pattern: _____

GENERAL SURVEY:

SKIN:

HEENT:

NECK:

Mobility:

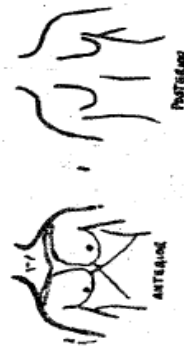
Lymph nodes:

Thyroid gland:

Other masses:

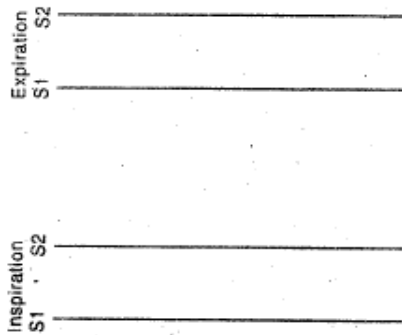
BREASTS:

THORAX/LUNGS:



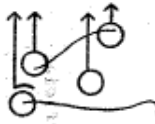
CARDIOVASCULAR

AUSCULTOGRAM



Jugular venous pulsation

Carotid artery pulsation



PULSES:

(0)=absent (+)=decreased (++)=normal (+++)=hyperactive (Br)=bruit

PULSE	CAROTID	BRACHIAL	RADIAL	FEMORAL	POPLITEAL	DOR PEDIS	POST TIBIAL
RIGHT							
LEFT							

ABDOMEN:

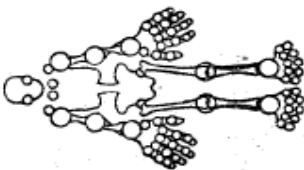


RECTAL EXAM

GENITO-URINARY:

HEMATOPOIETIC:
abnormal bleeding/bruising/
anemia/adrenopathy/other

MUSKULOSKELETAL:

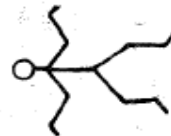


T= Tenderness
S= Swelling
L= Limitation of Motion

NEUROLOGICAL:

Mental Status:
Cranial Nerves:
Gait and Station:
Motor:
Coordination/involuntary movements:

Sensory:
Reflexes:
Superficial:
Deep Tendon: →
Abnormal:



CASE SUMMARY:

I. SUBJECTIVE DATA:

II. OBJECTIVE DATA:

III. ASSESSMENT:

IV. PLAN(S):

Signature/Title

B. Baseline SLE Data

Age at SLE diagnosis: _____ Mo/yr of SLE diagnosis: _____ / _____ Mo/yr died: _____ / _____

Mo/yr last seen alive: _____ / _____ / _____ months

Disease duration from SLE dx to last seen: _____ months

ACR criteria at SLE diagnosis:

malar rash oral ulcers discoid rash arthritis

serositis renal neurologic hematologic

photosensitivity immunologic eg dsDNA or() not done ANA titer _____

Laboratory tests at SLE diagnosis:

Hgb _____ g/L WBC _____ x 10⁹/L Plt _____ x 10⁹/L ESR _____ mm/hr.

Urine: alb _____ wbc _____ casts _____ Creatinine _____ μM/L C3 _____ g/L

Other: _____

Presenting Manifestation/Syndrome at SLE diagnosis:

FUO GI Skin Renal Cardio Pulmo

ITP Hemolytic anemia RA-like UCTD APS

Other: _____

Appendix 2: Clinical Chemistry form



新世界醫學化驗中心 NEW WORLD LABORATORY

205 D. Tuazon St., Quezon City
Tel: 711-3054 Telefax: 743-3960

P. C. M. C.

LABORATORY HOURS:
Mon. to Sat. 8:30am - 6pm
Sun & Holidays 8:30am - 12pm
NO NOON BREAK

592 Phil. College of Surgeons Bldg.
Bldg. 804 North A.M.T.C.
Isla, Quezon City
Tel. 420 7677

Unit 12 Pasigena Center
Mandaluyong
Cor. Del Monte Ave.
Pasigena, Manila
Tel: 330-6245

MEDISCAN Diagnostic Center
(Access PCH)
1344 San Santiago Bldg
T.M. Avenue, Manila
Tel: 326-8080

Unit 5 Olympos Commercial Plaza
131 Quirino Highway
Bakes, Quezon City
Tel: 332-8220

New World Laboratory
MDI Diagnostic Center
(Across PCH)
1208 T.M. Avenue
Crisis Center
Tel: 454-5775

225, 230 Diarrasmas 3
Buenos Aires
Tel: 242-0641 & 241-9
310-111 MEGISIC MALL
Riverside Regente Bld.
Buenos Aires

HOME SERVICE AVAILABLE

SERVICES OFFERED:
Complete Laboratory Examination - Blood - Urine - Stool - General Ultrasound - OB-GYN Ultrasound - X-ray - Pulmonary Function Test - ECG - 2D Echo
Treadmill Exercise Test - 2D Echo w/Color Flow Doppler - Carotid Duplex Scan - Arterial Duplex Scan - Venous Duplex Scan - Renal Duplex Scan
Bone Densitometry - Mammography - Magnetic Resonance Imaging @ MRI Diagnostic Center - Mammography and C-T SCAN @ MEDISCAN

CLINICAL CHEMISTRY

Accession No: ~~XXXXXXXXXX~~
Patient Name: ~~XXXXXXXXXX~~
Address: ~~XXXXXXXXXX~~
Physician: DR. MILICENT TAN-ONG

Date: ~~XXXXXXXXXX~~
Age: 34 Gender: Male

S.I. UNIT	Result	TEST	CONVENTIONAL UNIT	
			Result	Normal Values
4.20 - 6.40 mmol/L	4.10	FBS	74.55	76.36 - 116.36 mg/dL
1.70 - 8.30 mmol/L	8.5*	BUN	23.81	4.76 - 23.29 mg/dL
53.00 - 115.00 umol/L	112	Creatinine	1.27	0.60 - 1.30 mg/dL
202.00 - 416.00 umol/L	215	Uric Acid	3.61	3.39 - 6.99 mg/dL
0.46 - 1.71 mmol/L	1.70	Triglycerides	149.12	40.35 - 150.00 mg/dL
3.90 - 5.20 mmol/L	5.29	Total Cholesterol	203.46	150.00 - 200.00 mg/dL
0.91 - 1.68 mmol/L	1.50	HDL	57.69	35.00 - 64.61 mg/dL
1.56 - 3.90 mmol/L	3.02	LDL	116.15	60.00 - 149.99 mg/dL
0.00 - 1.04 mmol/L	0.77	VLDL	29.61	0.00 - 40.00 mg/dL
0.00 - 4.00 mmol/L	3.5	HDL Ratio	3.50	0.00 - 4.00 mmol/L
66.00 - 87.00 g/L	70	Total Protein	7.00	6.60 - 8.70 g/dL
38.00 - 51.00 g/L	33	Albumin	3.30	3.80 - 5.10 g/dL
23.00 - 36.00 g/L	37	Globulin	3.70	2.30 - 3.60 g/dL
1.50 - 3.10	0.9:1	A/G Ratio	0.90	1.50 - 3.10
136.00 - 146.00 mmol/L	142	Sodium	142.00	136.00 - 146.00 meq/L
3.60 - 5.50 mmol/L	3.39	Potassium	3.39	3.60 - 5.50 meq/L
1.00 - 1.30 mmol/L	1.07	Ionized Calcium	4.28	4.00 - 5.20 mg/dL
5.00 - 40.00 U/L	19	ALT/SGPT	19.00	5.00 - 40.00 IU/L
100.00 - 290.00 U/L	144	Alk Phosphatase	144.00	100.00 - 290.00 IU/L
8.00 - 141.00 mg/24hr	744	24hr Urine Protein	744	
300.0 - 1500.0 mg/24hr	1008	24hr Urine Creatinine	1008	
98.00 - 165.00 ml/min	60	Creatinine Clearance	60	

TU = 2400 ml

[Signature]
Dr. A. P. M. Pathologist

DE DIOS, YVETTE CHRISTINE DAGO
Medical Technologist

MODERN COMPUTERIZED MEDICAL DIAGNOSTIC LABORATORY

UNIVERSITY OF SANTO TOMAS HOSPITAL DIVISION OF CLINICAL PATHOLOGY
 CLINICAL MICROSCOPY - ROUTINE URINE
 PRIVATE DIVISION

NAME: [REDACTED] ENTRY No. 107 OS No. 3942
 SEX: OP DATE Friday, November 07, 2003 CR No. COLLECT

= PHYSICAL CHARACTERISTICS = MICROSCOPIC FINDINGS

COLOR : LIGHT YELLOW
 TRANSPARENCY : SLIGHTLY TURBID
 PH : 6.00
 SP-GRAVITY : 1.015
 CAST :
 HYALINE
 GRANULAR
 WAXY
 PUS-CELLS
 RBC

= CHEMICAL TEST =

ALBUMIN : NEGATIVE
 SUGAR : NEGATIVE

CELLS:
 RBC
 PUS CELLS : 0-2/HFF
 YEAST-CELLS
 SQUAMOUS CELLS : ++
 RENAL-CELLS
 BACTERIA : FEW
 MUCOUS THREADS : FEW

CRYSTALS:
 AMORPHOUS
 URATES
 URIC ACID
 CALCIUM
 OXALATE
 AMORPHOUS
 PO4
 TRIPLE PO4

PHENOL RED, : 11:30 AM
 URIC ACID : 11:45 AM

COPY FOR DR. TAN-ONG 110
 LEA V. PANTILIO, RMT
 MED. TECHNOLOGIST
 PHYSICIAN
 PATIENT-SUBST
 7



新世界醫學化驗中心
NEW WORLD LABORATORY

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 Sun & Holidays 6:30am - 12noon
NO NOON BREAK

92 Piv. College of Surgeons Bldg.
 Between SM (North Annex)
 Bldg., Quezon City
 Tel: 425-7897

Unit 12 Peralta Center
 McArthur Hi-way
 Cor. Del Monte Ave.
 Pateros Manila
 Tel. 330-1848

MEDISCAN Diagnostic Center
 (Across PCH)
 1344 Don Santiago Bldg.
 Tpk Avenue, Manila
 Tel: 528-0080

Unit 5 Olympia Commercial Plaza
 131 Guinon Highway
 Buhay, Quezon City
 Tel: 330-0258

New World Laboratory
 MRI Diagnostic Center
 (Across PCH)
 1338 Tpk Avenue
 Ermita Manila
 Tel: 684-2775

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HEMATOLOGY

Accession No: [REDACTED]
 Patient Name: [REDACTED]
 Address: [REDACTED]
 Physician: DR. MILICENT TAN-ONG

Date: 08/27/2007
 Age: 54 Gender: Male

TEST	RESULT	NORMAL VALUE
Hemoglobin	121	130.00 - 180.00 g/L
Hematocrit	0.37	0.42 - 0.52
RBC Count	4.0	4.50 - 5.00 x10 ¹² /L
WBC Count	6.0	5.00 - 10.00 x10 ⁹ /L
Platelets	272	150.00 - 400.00 x10 ⁹ /L
Segmenters	0.71	0.36 - 0.66
Lymphocyte	0.29	0.22 - 0.40

SYSTEMIC LUPUS ERYTHEMATOSUS DISEASE ACTIVITY INDEX

Weight	SLEDAI Score	Descriptor	ITEMS PRESENT DURING THE PRECEDING 10 DAYS TO THE VISIT ARE: Definition
9	_____	Seizures	Recent <u>onset</u> , exclude metabolic, infectious, or other drug causes.
9	_____	Psychosis	Altered ability to function in normal activity due to severe disturbance in the associations, impoverished thought content, marked illogical thinking, bizarre, disorganized, or catatonic behavior. Exclude uremia, and drug causes.
9	_____	Organic Brain Syndrome	Altered mental function with impaired orientation, memory, or other intellectual function, with rapid onset and fluctuation clinical features. Include clouding of consciousness with reduced capacity to focus, and inability to sustain attention to environment, plus at least 2 of the following: perceptual disturbance, incoherent speech, insomnia or daytime drowsiness, or increased or decreased psychomotor activity. Exclude metabolic, infectious, or drug causes.
9	_____	Visual disturbances	Retinal changes of SLE. Include Cytoid bodies, retinal hemorrhages, serous exudates or hemorrhages in the choroid, or optic neuritis. Exclude hypertension, infection, or drug causes.
9	_____	Cranial nerve disorder	<u>New onset</u> of sensory or motor neuropathy involving cranial nerves.
9	_____	Lupus headaches	Severe, persistent headaches; may be migrainous, but must be non-responsive to narcotics.
9	_____	CVA	New onset of cerebrovascular accident(s). Exclude arteriosclerosis.
9	_____	Vasculitis	Ulceration, gangrene, tender finger nodules, periungual infarction, splinter hemorrhages, or biopsy or angiogram proof of vasculitis.
4	_____	Arthritis	>2 joints with pain and signs of inflammation (i.e. tenderness, swelling, or effusion).
4	_____	Myositis	Proximal muscle aching/ weakness, associated with elevated creatine phosphokinase/aldolase or electromyogram changes or a biopsy showing myositis.
4	_____	Urinary casts	Heme-granular casts or red cell casts.
4	_____	Hematuria	> 5 red blood cells/ high power field. Exclude stone, infection, or other cause.
4	_____	Proteinuria	> 0.5 gram/24 hours (children: > 30mg/kg/24 hours). New onset or recent increase by > 0.5 gram/24 hours.
4	_____	Pyuria	> 5 white blood cells/ high power field. Exclude infection.
2	_____	New rash	<u>New onset or recurrence</u> of inflammatory type rash.
2	_____	Alopecia	<u>New onset or recurrence</u> of abnormal, patchy, or diffuse loss of hair.
2	_____	Mucosal ulcers	<u>New onset or recurrence</u> of oral or nasal ulcerations.
2	_____	Pleurisy	Pleuritic chest pain with pleural rub or effusion, or pleural thickening.
2	_____	Pericarditis	Pericardial pain with at least 1 of the following: rub, effusion, EKG or ECHO.
2	_____	Low complement	Decrease in CH50, C3, C4, below the lower limit of normal for testing laboratory.
2	_____	Increased DNA binding	> 25% binding by Farr assay or above normal range for testing laboratory.
1	_____	Fever	> 38°C. Exclude infectious cause.
1	_____	Thrombocytopenia	< 100,000 platelets/ mm ³ .
1	_____	Leukopenia	< 3000 white blood cells/ mm ³

Appendix 6: SLAM (Systemic Lupus Activity Measure) form

SYSTEMIC LUPUS ACTIVITY MEASURE

ITEMS PRESENT DURING THE PRECEDING 1 MONTH TO THE VISIT ARE

	Absent or None	Mild	Moderate	Severe	Not Assessable
Cardiovascular					
15. Raynaud's	0	1 Present			
16. Hypertension	0	1 Diast. 90-105	2 Diast. 105-115	3 Diast. >115	
17. Carditis	0	1 Pericarditis by EKG &/or RUB &/or effusions by echo; no sx	2 Chest pain or arrhythmia	3 Myocarditis with hemo-dynamic compromise &/or arrhythmia	
Gastrointestinal					
18. Abdominal pain (serositis, pancreatitis, ischemic bowel, etc.)	0	1 Com-plaint	2 Limiting pain	3 Peritoneal signs/ ascites	
Neuromotor					
19. Stroke syndrome (includes mononeuritis multiplex, transient ischemic attack (TIA), reversible ischemic neurologic deficit (RIND), cerebrovascular accident (CVA), retinal vascular thrombosis)	0	1 Single TIA	2 Multiple TIA/RIND or mono-neuritis multiplex or cranial neuro-pathy or chorea	3 CVA/myelitis, retinal vascular occlusion	
20. Seizure	0	1 1-2/ month	2 > 2/month	3 Status epilepticus	
21. Cortical dysfunction	0	1 Mild depression /personality disorder or cog-nitive deficit	2 Δ in sensorium or severe depression or limiting cognitive impair-ment	3 Psychosis or dementia or coma	
22. Headache (including migraine equivalents)	0	1 Complaint	2 Limits some activity	3 Incapacitating	
Joints					
24. Joint pain from synovitis and/or tenosynovitis	0	1 Arthralgia only	2 Objective inflammation	3 Limited function	
Laboratory					
25. Hematocrit	0 > 35	1 30-35	2 25-29.9	3 < 25	
26. WBC	0 > 3500	1 3500-2000	2 2000-1000	3 < 1000	
27. Lymphocyte count	0 1500-4000	1 1499-1000	2 999-500	3 < 499	
28. Platelet count	0 > 150T	1 100-150T	2 99-50T	3 < 50T	
29. ESR (Westergren)	0 < 25	1 25-50	2 51-75	3 > 75	
30. Serum creatinine or creatinine clearance	0 0.5-1.3 mg/dl or 80-100% CrCl	1 1-4 mg/dl or 79-60% CrCl	2 2.1-4 mg/dl or 30-60% CrCl	3 > 4 mg/dl or < 30% CrCl	
31. Urine sediment	0	1 > 5 RCB &/or WBC/hpf &/or 0 to 1-3 granular &/or cellular casts/hpf &/or IX ₂ ⁺ protein-uria &/or < 500 mg/L 24 ^h urine protein	2 > 10 RCB &/or WBC/hpf or > 3 granular &/or cellular casts/hpf &/or 3 or 4+ &/or 500 mg/L-3.5 g/L 25 ^h urine protein	3 > 25 RCB or WBC/hpf &/or red cell cast &/or > 4+ proteinuria &/or > 3.5 g/L 24 ^h urine protein	

Appendix 7: ECLAM (European Consensus Lupus Activity Measurement) form

EUROPEAN CONSENSUS LUPUS ACTIVITY MEASUREMENT (ECLAM)

	MANIFESTATION	DEFINITION OF RESPONSE	
1.	<u>Generalized</u> Fever Fatigue	Any of the following: Documented basal morning temperature of 37.5° not due to an infective process A subjective feeling of extraordinary tiredness	0.5
2.	<u>Articular</u> Arthritis Evolving Arthralgia	Any of the following: Nonerosive arthritis involving at least 2 peripheral joints (wrist, metacarpophalangeal or proximal, interphalangeal joints) New onset or worsening of specific localized pain without objective symptoms in at least two peripheral joints	1
3a.	<u>Active Mucocutaneous</u> Malar rash Generalized rash Discoid rash Skin vasculitis Oral ulcers	Any of the following: Fixed erythema, flat or raised over the malar eminences, tending to spare the nasolabial folds A maculopapular rash not induced by drugs, that may be located anywhere on the body, and that is not strictly dependent on sun exposure Erythematous, raised patches with adherent keratotic scaling and follicular plugging Including digital ulcers, purpura, urticaria, bullous lesions Oral or nasopharyngeal ulcers, usually painless, observed by a physician	0.5
3b.	<u>Evolving mucocutaneous</u>	If any of the above mucocutaneous manifestations are new or have worsened since the last observation, add 1 point	1
4.	<u>Myositis</u>	Confirmed by raised muscle enzymes and/or EMG examination and/or histology	2
5.	<u>Pericarditis</u>	Documented by ECG or rub or evidence of pericardial effusion on ultrasound	1
6.	<u>Intestinal</u> Intestinal vasculitis Sterile peritonitis	Any of the following: Evidence of acute intestinal vasculitis Evidence of abdominal effusion in the absence of infective processes	2
7.	<u>Pulmonary</u> Pleurisy Pneumonitis Ingravescent dyspnea	Any of the following: Clinical or radiological evidence of pleural effusion in the absence of infective processes Single or multiple lung opacities on chest x-ray thought to reflect active disease not due to an infective process Due to an evolving interstitial involvement	1
8.	<u>Evolving Neuropsychiatric</u> Headache/migraine Seizures Stroke Organic brain disease Psychosis	New appearance or worsening of any of the following: Recently developed, persistent, or recurrent. Poorly responsive to the most commonly used drugs, but partially or totally responsive to corticosteroids Grand mal or petit mal seizures, Jacksonian fits, temporal lobe seizures, or choreic syndrome, in the absence of offending drugs or known metabolic derangements, e.g., uremia, ketoacidosis, or electrolyte imbalance Cerebral infarction or hemorrhage, instrumentally confirmed Impairment of memory, orientation, perception, and ability to calculate Dissociative features in the absence of offending drugs or known metabolic derangements, e.g., uremia, ketoacidosis, or electrolyte imbalance	2

	MANIFESTATION	DEFINITION OF RESPONSE	
9a.	<u>Renal</u> *+ Proteinuria Urinary casts Hematuria Raised serum creatinine or reduced creatinine clearance	Any of the following: At least 500 mg/day Red cells, hemoglobin, granular, tubular, or mixed casts Microscopic or macroscopic	0.5
9b.	<u>Evolving Renal</u>	If any of the above renal manifestations are new or have worsened since the last observation, add 2 points	2
10.	<u>Hematologic</u> Nonhemolytic anemia Hemolytic anemia * Leukopenia (or lymphopenia) Thrombocytopenia	Any of the following: A Coombs-negative normocytic hypochromic or normochromic anemia without reticulocytosis A Coombs-positive hemolytic anemia, with reticulocytosis and elevated LDH, in the absence of offending drugs <3,500/mm ³ WBC (or 1,500/mm ³ lymphocytes) in the absence of offending drugs <100,000/mm ³ in the absence of offending drugs	1
11.	<u>Erythrocyte Sedimentation Rate</u> Raised ESR	>25 mm/h by Westergren or comparable methods, not due to other concomitant pathological process	1
12.	<u>Hypocomplementemia</u> C3 CH50	Reduced plasma level of any of the following: By radial immunodiffusion or laser nephelometer By standardized hemolytic methods	1
12b.	<u>Evolving Hypocomplementemia</u>	Significantly reduced level of any of the items mentioned above (plus C4) with respect to the last observation	1
FINAL SCORE #			

* If this system (or manifestation) is the only one involved among items 1-20, add 2 more points.

* Excluding patients with end stage chronic renal disease.

If the final total score is not an integer number, round off to the lower integer for values <6 and to the higher integer for values >6.

If final total score is >10, round off to 10.

BILAG ASSESSMENT FORM (version 3)

(All events refer to the previous month unless noted otherwise.)

Patient:

Maximum dose in last month or since last visit

GENERAL

Answer: 1) Improving 2) Same 3) Worse 4) New

1.	Pyrexia (documented)	()
2.	Weight loss – unintentional > 5%	()
3.	Lymphadenopathy/splenomegaly	()
4.	Fatigue/malaise/lethargy	()
5.	Anorexia/nausea/vomiting	()

MUCOCUTANEOUS

Answer: 1) Improving 2) Same 3) Worse 4) New

6.	Maculopapular rash – severe, active (discoid/bullous)	()
7.	Maculopapular eruption – mild	()
8.	Active discoid lesions – generalized, extensive	()
9.	Active discoid lesions – local, inc. lupus profundus	()
10.	Alopecia – severe, active	()
11.	Alopecia – mild	()
12.	Severe panniculitis	()
13.	Angioedema	()
14.	Extensive mucosal ulceration	()
15.	Small mucosal ulcers	()
16.	Malar erythema	()
17.	Subcutaneous nodules	()
18.	Perniotic skin lesions	()
19.	Periungual erythema	()
20.	Swollen fingers	Y/N
21.	Sclerodactyly	Y/N
22.	Calcinosis	Y/N
23.	Telangiectasia	Y/N

NEUROLOGICAL

Answer: 1) Improving 2) Same 3) Worse 4) New

24.	Deteriorating level of consciousness	()
25.	Acute psychosis or delirium or confusional state	()
26.	Seizures	()
27.	Stroke or stroke syndrome	()
28.	Aseptic meningitis	()
29.	Mononeuritis multiplex	()
30.	Ascending or transverse myelitis	()
31.	Peripheral or cranial neuropathy	()
32.	Disc swelling/cystoid bodies	()
33.	Chorea	()
34.	Cerebellar ataxia	()
35.	Headaches – severe unremitting	()
36.	Organic depressive illness	()
37.	Organic brain syndrome inc. pseudotumor cerebri	()
38.	Episodic migrainous headaches	()

MUSCULOSKELETAL

Answer: 1) Improving 2) Same 3) Worse 4) New

39.	Definite myositis (Bohan and Peter)	()
40.	Severe polyarthritis – with loss of	()

function	()	
41.	Arthritis	()
42.	Tendonitis	()
43.	Mild chronic myositis	()
44.	Arthralgia	()
45.	Myalgia	()
46.	Tendon contractures and fixed deformity	()
47.	Aseptic necrosis	()

CARDIOVASCULAR AND RESPIRATORY

Answer: 1) Improving 2) Same 3) Worse 4) New

48.	Pleuropericardial pain	()
49.	Dyspnea	()
50.	Cardiac failure	()
51.	Friction rub	()
52.	Effusion (pericardial or pleural)	()
53.	Mild or intermittent chest pain	()
54.	Progressive CXR changes – lungs	Y/N
55.	Progressive CSR changes – heart	Y/N
56.	ECG evidence of pericarditis or myocarditis	Y/N
57.	Cardiac arrhythmias including tachycardia > 100 in absence of fever	()
58.	Pulmonary function fall by > 20%	Y/N
59.	Cyto-histological evidence of inflammatory lung disease	()

VASCULITIS

Answer: 1) Improving 2) Same 3) Worse 4) New

60.	Major cutaneous vasculitis including ulcers	()
61.	Major abdominal crisis due to vasculitis	()
62.	Recurrent thromboembolism (excluding stroke)	()
63.	Raynaud's	()
64.	Livedo reticularis	()
65.	Superficial phlebitis	()
66.	Minor cutaneous vasculitis (nailfold, digital, purpura, ulcers)	()
67.	Thromboembolism (excluding stroke) 1 st episode	()

RENAL

Answer with number (value) or Y/N

68.	Systolic BP mmHg	()
69.	Diastolic BP (5 th phase)	()
70.	Accelerated hypertension	Y/N
71.	Dipstick (- = 1, ++ = 2, +++ = 3)	()
72.	24 h urine protein (g)	()
73.	Newly documented proteinuria of > 1 g/24 h	()
74.	Nephrotic syndrome	Y/N
75.	Creatinine (plasma/serum)	()
76.	Creatinine clearance/GFR (ml/min)	()
77.	Active urinary sediment	Y/N
78.	Histological evidence of active nephritis (within 3 months)	()

HEMATOLOGY

Answer with number (value) or Y/N

79.	Hemoglobin (g/dl)	()
80.	Total white cell count x 10 ⁹ /l	()
81.	Neutrophils x 10 ⁹ /l	()
82.	Lymphocytes x 10 ⁹ /l	()
83.	Platelets x 10 ⁹ /l	()
84.	Evidence of active hemolysis	()
85.	Coombs test positive	()
86.	Evidence of circulating anticoagulant	()

Appendix 9: Source codes

lucis.sql

```
CREATE DATABASE LUCIS;
use LUCIS;

CREATE TABLE CLINIC(
CLINIC_CODE      VARCHAR(5) NOT NULL ,
CLINIC_NAME      VARCHAR(100) NOT NULL,
CLINIC_ADDRESS   VARCHAR(200) NOT NULL,
CLINIC_TELEFAX   VARCHAR(15) ,
CLINIC_EMAIL     VARCHAR(50),
CLINIC_AUTOFIN   INT,
PRIMARY KEY (CLINIC_CODE)
);

INSERT INTO CLINIC VALUES('UST08', 'University of Santo
Tomas Hospital, Inc. ',
'Espana, Manila','70308787','usth@ust.com','5');

CREATE TABLE USERS(
USERNAME          VARCHAR (12) NOT NULL,
PASSWORD          VARCHAR (60) NOT NULL,
EMPNO            VARCHAR (20) ,
EMPNAME          VARCHAR (60) NOT NULL,
EMPCONTACT       VARCHAR (60) ,
STATUS           VARCHAR (1) NOT NULL,
POSITION         VARCHAR (60) ,
USERTYPE         VARCHAR (3) NOT NULL,
PRIMARY KEY(USERNAME)
);

INSERT INTO USERS (USERNAME, PASSWORD, EMPNAME,
STATUS, POSITION, USERTYPE) VALUES('as', md5('as'),'System
Administrator','A', 'System Administrator', 'SAD');
INSERT INTO USERS (USERNAME, PASSWORD, EMPNAME,
STATUS, POSITION, USERTYPE) VALUES('therese',
md5('therese'),'Therese Marcelo','A', 'Physician', 'PHY');

CREATE TABLE PATIENT(
PATNUM INT NOT NULL AUTO_INCREMENT,
WHOLENAME VARCHAR(100) NOT NULL,
PATIENTID      VARCHAR (10) NOT NULL,
PATFNAME       VARCHAR (40) NOT NULL,
PATMNAME       VARCHAR (20) NOT NULL,
PATLNAME       VARCHAR (40) NOT NULL,
SEX            VARCHAR (6) NOT NULL,
BIRTHDATE     date NOT NULL,
MOBILENO      VARCHAR (30) ,
TELNO         VARCHAR (20) ,
ADDRESS       VARCHAR (250) NOT NULL,
CIVILSTAT     VARCHAR (20),
ETHNICITY     VARCHAR (20) ,
RELIGION      VARCHAR (20) ,
OCCUPATION    VARCHAR (20) ,
PRIMARY KEY(WHOLENAME, PATNUM, PATIENTID)
);

alter table patient AUTO_INCREMENT = 1000;

CREATE TABLE LUPUSDATA (
LUPUS_PID VARCHAR (10) NOT NULL,
LUPUSAGE INT,
LUPUSDATE VARCHAR(7),
ACR VARCHAR(250),
HGB DECIMAL,
WBC DECIMAL,
PLT DECIMAL,
ESR DECIMAL,
ALB DECIMAL,
UWBC DECIMAL,
RBC DECIMAL,
CASTS DECIMAL,
CRT DECIMAL,
```

```
C3 DECIMAL,
LUPUSMAN VARCHAR(250),
LUPUS_STAMP TIMESTAMP,

FOREIGN KEY (LUPUS_PID) REFERENCES PATIENT(PATIENTID)
);

CREATE TABLE MED_CONS (
MED_RECNO VARCHAR (14) NOT NULL,
MED_PID VARCHAR (10) NOT NULL,
MED_EMPNAME VARCHAR(60) NOT NULL,
MED_TIMESTAMP TIMESTAMP ,
MED_STAT VARCHAR (5),
CHIEFCOMPLAINT TINYTEXT,
HXPRESENTILLNESS TINYTEXT,
CLERK VARCHAR(60),

PRIMARY KEY (MED_RECNO),
FOREIGN KEY (MED_PID) REFERENCES PATIENT(PATIENTID),
FOREIGN KEY (MED_EMPNAME) REFERENCES
USERS(EMPNAME)
);

CREATE TABLE BIRTHDEVT (
BIRTH_PID VARCHAR (10) NOT NULL,
BIRTH_RECNO VARCHAR (14),
FEEDINGHX VARCHAR (250),
BIRTH_STAMP TIMESTAMP,

FOREIGN KEY (BIRTH_PID) REFERENCES PATIENT(PATIENTID)
);

CREATE TABLE MENSTRUALHX (
MENS_PID VARCHAR (10) NOT NULL,
MENS_RECNO VARCHAR (14),
MENARCHEAGE INT,
MENOPAUSEAGE INT,
MENS_FLOWINT VARCHAR (20),
MENS_DURATION VARCHAR (30),
MENS_AMOUNT VARCHAR (30),
LMP VARCHAR (20),
PMP VARCHAR (20),
MENS_STAMP TIMESTAMP,

FOREIGN KEY (MENS_PID) REFERENCES PATIENT(PATIENTID)
);

CREATE TABLE PERSONALSOCIALHX (
PER_PID VARCHAR (10) NOT NULL,
PER_RECNO VARCHAR (14),
DIETS VARCHAR (250),
HABITS VARCHAR (250),
HOBBIES VARCHAR (250),
PER_STAMP TIMESTAMP,

FOREIGN KEY (PER_PID) REFERENCES PATIENT(PATIENTID)
);

CREATE TABLE DISEASEPREV (
DIS_PID VARCHAR (10) NOT NULL,
DIS_RECNO VARCHAR (14),
DIPHTHERIA int,
PERTUSSIS int,
TETANUS int,
POLIO int,
HEPATITIS int,
MEASLES int,
MUMPS int,
RUBELLA int,
INFLUENZA int,
MEDVISITS ENUM('yes','no'),
BLOODTEST ENUM('yes','no'),
TESTRESULTS VARCHAR (250),
DIS_STAMP TIMESTAMP,

FOREIGN KEY (DIS_PID) REFERENCES PATIENT(PATIENTID)
);

CREATE TABLE PASTMEDHX (
```

```
PAST_PID VARCHAR (10) NOT NULL,
PAST_RECNO VARCHAR (14),
ALLERGIES VARCHAR (250),
ILLNESSES VARCHAR (250),
OPERATIONS VARCHAR (250),
TRANSFUSIONS VARCHAR (250),
INJURIES VARCHAR (250),
MEDICATIONS VARCHAR (250),
ADVERSEDUG VARCHAR (250),
PAST_STAMP TIMESTAMP,
FOREIGN KEY (PAST_PID) REFERENCES PATIENT(PATIENTID)
);
```

```
CREATE TABLE PHYSICALEXAM (
PHY_PID VARCHAR (10) NOT NULL,
WEIGHT DECIMAL,
HEIGHT DECIMAL,
BP VARCHAR (10),
TEMP DECIMAL,
PULSERATE VARCHAR (10),
RESPRATE VARCHAR (10),
GENSURVEY VARCHAR (250),
SKIN VARCHAR (250),
HEENT VARCHAR (250),
MOBILITY VARCHAR (250),
LYMPH VARCHAR (250),
THYROID VARCHAR (250),
OTHERMASSES VARCHAR (250),
BREAST VARCHAR (250),
THORAX VARCHAR (250),
PULSES VARCHAR (250),
ABDOMEN VARCHAR (250),
GENURINARY VARCHAR (250),
MUSCULO VARCHAR (250),
MENTALSTAT VARCHAR (250),
CRANIALNERVES VARCHAR (250),
GAITSTATION VARCHAR (250),
MOTOR VARCHAR (250),
COORDINATION VARCHAR (250),
SENSORY VARCHAR (250),
SUPERFICIAL VARCHAR (250),
DEEPTENDON VARCHAR (250),
ABNORMAL VARCHAR (250),
PHY_STAMP TIMESTAMP,
PHY_RECNO VARCHAR (14),
```

```
FOREIGN KEY (PHY_PID) REFERENCES PATIENT(PATIENTID)
);
```

```
CREATE TABLE ROS (
ROS_PID VARCHAR (10) NOT NULL,
ROS_RECNO VARCHAR (14),
GENERALSURV VARCHAR (250),
EYES VARCHAR (250),
ENT VARCHAR (250),
HEART VARCHAR (250),
RESPIRATORY VARCHAR (250),
GASTROINTESTINAL VARCHAR (250),
GENITOURINARY VARCHAR (250),
MUSCULOSKELETAL VARCHAR (250),
SKINBREAST VARCHAR (250),
NEUROLOGIC VARCHAR (250),
PSYCHIATRIC VARCHAR (250),
ENDOCRINE VARCHAR (250),
HEMATOLOGIC VARCHAR (250),
ROS_STAMP TIMESTAMP,
```

```
FOREIGN KEY (ROS_PID) REFERENCES PATIENT(PATIENTID)
);
```

```
CREATE TABLE CASESUMMARY (
CS_PID VARCHAR (10) NOT NULL,
CS_RECNO VARCHAR (14),
SUBJECTIVE TINYTEXT,
OBJECTIVE TINYTEXT,
ASSESSMENT MEDIUMBLOB,
PLANS MEDIUMBLOB,
CS_STAMP TIMESTAMP,
PRIMARY KEY(CS_RECNO),
```

```
FOREIGN KEY (CS_PID) REFERENCES PATIENT(PATIENTID)
);
```

```
CREATE TABLE SLEDAI (
SLEDAI_PID VARCHAR (10) NOT NULL,
SLEDAI_SCORE INT,
SLEDAI_NOTES VARCHAR (250),
SLEDAI_STAMP TIMESTAMP,
SLEDAI_INPUT VARCHAR (60),
```

```
FOREIGN KEY (SLEDAI_PID) REFERENCES PATIENT(PATIENTID)
);
```

```
CREATE TABLE ECLAM (
ECLAM_PID VARCHAR (10) NOT NULL,
ECLAM_SCORE INT,
ECLAM_NOTES VARCHAR (250),
ECLAM_STAMP TIMESTAMP,
ECLAM_INPUT VARCHAR (60),
```

```
FOREIGN KEY (ECLAM_PID) REFERENCES PATIENT(PATIENTID)
);
```

```
CREATE TABLE SLAM (
SLAM_PID VARCHAR (10) NOT NULL,
SLAM_SCORE int,
SLAMCONS INT,
SLAMINTEG INT,
SLAMEYE INT,
SLAMRETICULO INT,
SLAMPULMO INT,
SLAMCARDIO INT,
SLAMGASTRO INT,
SLAMNEURO INT,
SLAMJOINTS INT,
SLAMLAB INT,
SLAM_NOTES VARCHAR (250),
SLAM_STAMP TIMESTAMP,
SLAM_INPUT VARCHAR (60),
```

```
FOREIGN KEY (SLAM_PID) REFERENCES PATIENT(PATIENTID)
);
```

```
CREATE TABLE BILAG (
BILAG_PID VARCHAR (10) NOT NULL,
BILAGGEN VARCHAR(2),
BILAGMUCO VARCHAR(2),
BILAGNEURO VARCHAR(2),
BILAGMUSCULO VARCHAR(2),
BILAGCARDIO VARCHAR(2),
BILAGVASCU VARCHAR(2),
BILAGRENAL VARCHAR(2),
BILAGHEMA VARCHAR(2),
BILAG_NOTES VARCHAR (250),
BILAG_STAMP TIMESTAMP,
BILAG_INPUT VARCHAR (60),
```

```
FOREIGN KEY (BILAG_PID) REFERENCES PATIENT(PATIENTID)
);
```

```
CREATE TABLE CLINICALCHEM (
CC_PID VARCHAR(10),
CC_INPUT VARCHAR(60),
CC_TIMESTAMP TIMESTAMP,
CLINCHEMLAB VARCHAR(100),
CLINCHEMDATE DATE,
FBS DECIMAL,
FBSNV VARCHAR(20),
BUN DECIMAL,
BUNNV VARCHAR(20),
CRT DECIMAL,
CRTNV VARCHAR(20),
UA DECIMAL,
UANV VARCHAR(20),
TRI DECIMAL,
TRINV VARCHAR(20),
TC DECIMAL,
```



```

TCNV VARCHAR(20),
HDL DECIMAL,
HDLNV VARCHAR(20),
LDL DECIMAL,
LDLNV VARCHAR(20),
VLDL DECIMAL,
VLDLNV VARCHAR(20),
HDLR DECIMAL,
HDLRNV VARCHAR(20),
TP DECIMAL,
TPNV VARCHAR(20),
ALB DECIMAL,
ALBNV VARCHAR(20),
GLB DECIMAL,
GLBNV VARCHAR(20),
AGR DECIMAL,
AGRNV VARCHAR(20),
SOD DECIMAL,
SODNV VARCHAR(20),
POT DECIMAL,
POTNV VARCHAR(20),
IC DECIMAL,
ICNV VARCHAR(20),
ALT DECIMAL,
ALTNV VARCHAR(20),
ALK DECIMAL,
ALKNV VARCHAR(20),
UP DECIMAL,
UPNV VARCHAR(20),
UC DECIMAL,
UCNV VARCHAR(20),
CC DECIMAL,
CCNV VARCHAR(20),

```

```

FOREIGN KEY (CC_PID) REFERENCES PATIENT(PATIENTID)
);

```

```

CREATE TABLE HEMATOLOGY (
H_PID VARCHAR(10),
H_INPUT VARCHAR(60),
H_TIMESTAMP TIMESTAMP,
HEMALAB VARCHAR(100),
HEMADATE DATE,
HG DECIMAL,
HGNV VARCHAR(20),
HEMA DECIMAL,
HEMANV VARCHAR(20),
RBC DECIMAL,
RBCNV VARCHAR(20),
WBC DECIMAL,
WBCNV VARCHAR(20),
PLT DECIMAL,
PLTNV VARCHAR(20),
SEG DECIMAL,
SEGNV VARCHAR(20),
LYM DECIMAL,
LYMNV VARCHAR(20),

```

```

FOREIGN KEY (H_PID) REFERENCES PATIENT(PATIENTID)
);

```

```

CREATE TABLE URINALYSIS(
U_PID VARCHAR(10),
U_INPUT VARCHAR(60),
U_TIMESTAMP TIMESTAMP,
URINELAB VARCHAR(100),
URINEDATE DATE,
URINECOLOR VARCHAR(20),
TRANSPARENCY VARCHAR(20),
PH VARCHAR(20),
SPGRAVITY VARCHAR(20),
ALBUMIN VARCHAR(20),
SUGAR VARCHAR(20),
CASTS VARCHAR(20),
HYALINE VARCHAR(20),
GRANULAR VARCHAR(20),
WAXY VARCHAR(20),
PUSCELLS VARCHAR(20),
MICRORBC VARCHAR(20),

```

```

YEASTCELLS VARCHAR(20),
SQUAMOUS VARCHAR(20),
RENAL VARCHAR(20),
BACTERIA VARCHAR(20),
MUCUS VARCHAR(20),
CRYSTALS VARCHAR(20),
URATES VARCHAR(20),
URICACID VARCHAR(20),
CALCIUM VARCHAR(20),
AMORPHOUS VARCHAR(20),
TRIPLE VARCHAR(20),

```

```

FOREIGN KEY (U_PID) REFERENCES PATIENT(PATIENTID)
);

```

```

CREATE TABLE SKED (
SKED_PID VARCHAR(10),
SKED_RECNO VARCHAR(14),
SKED_PHY VARCHAR(60),
SCHEDULE VARCHAR(30),
SKED_NOTES TINYTEXT,
IFSENT VARCHAR(6)
);

```

```

CREATE TABLE AUDIT (
AUDITUSERID VARCHAR(12),
AUDITRECNO VARCHAR (14),
AUDITDETAILS VARCHAR(200),
AUDITSTAMP TIMESTAMP
);

```

```

CREATE TABLE IMPORTCLINIC(
IMP_NAME VARCHAR(100) NOT NULL,
IMP_CODE VARCHAR(6) NOT NULL,
IMP_ADD VARCHAR(200),
IMP_CONTACT VARCHAR(50),
IMP_TIMESTAMP VARCHAR(50),
PRIMARY KEY(IMP_NAME, IMP_CODE)
);

```

```

CREATE TABLE IMPORTLUPUSDATA (
IMP_PID VARCHAR (10) NOT NULL,
IMP_SEX VARCHAR(6),
DIAGNOSISAGE INT,
DATEOFBIRTH VARCHAR(10),
IMP_ACR VARCHAR(250),
IMP_HGB DECIMAL,
IMP_WBC DECIMAL,
IMP_PLT DECIMAL,
IMP_ESR DECIMAL,
IMP_ALB DECIMAL,
IMP_UWBC DECIMAL,
IMP_RBC DECIMAL,
IMP_CASTS DECIMAL,
IMP_CRT DECIMAL,
IMP_C3 DECIMAL,
IMP_MAN VARCHAR(250)
);

```

```

CREATE TABLE SENTALERTS (
SENTSTAMP TIMESTAMP,
PATID VARCHAR (10),
RECIPIENT VARCHAR (13),
MESSAGE VARCHAR (250)
);

```

```

CREATE TABLE LUPUSMTG(
MEETING VARCHAR (60),
VENUE VARCHAR (100),
PRIMARY KEY(MEETING)
);

```

anylinkvertical.css

```

.anylinkcss{
position:absolute;
visibility: hidden;

```

```
border:1px solid gray;
border-bottom-width:0;
font:normal 12px Arial;
line-height:18px;
z-index:100;
background-color:white;
width:120px;
}

.anylinkcss a{
color:black;
width:100%;
display:block;
text-indent:3px;
border-bottom:1px solid gray;
padding:1px 0;
text-decoration:none;
font-weight:normal;
text-indent:5px;
}

.anylinkcss a:hover{ /*hover background color*/
background-color:#F8FBBD;
color:black;
}

.anylinkcss2{
position:absolute;
visibility:hidden;
border:1px solid gray;
border-bottom-width:0;
font:normal 12px Arial;
line-height:18px;
z-index:100;
background-color:white;
width:60px;
}

.anylinkcss2 a{
color:black;
width:100%;
display:block;
text-indent:3px;
border-bottom:1px solid gray;
padding:1px 0;
text-decoration:none;
font-weight:normal;
text-indent:5px;
}

.anylinkcss2 a:hover{ /*hover background color*/
background-color:#F8FBBD;
color:black;
}
```

style-edited.css

```
body { margin:5px 0; padding:0; font: 74% Arial, Sans-Serif;
color:#000; line-height: 1.4em; background : #F0F0F0;}
.content { color: #505050; margin: 0 auto; padding: 0; width:
1000px; background: #FFFFFF url(bg.jpg) repeat-y center; }
.preview { margin: 0 auto; padding: 0; width: 190px;
background: #FFFFFF url(leftbg.jpg) repeat-x; }
.preview th{ font: 80% Verdana; font-weight:bold;}
.preview td{ font: 80% Verdana; padding: 5px; border: 1px
solid #999; width:200px; overflow:auto;}

#toph { background: #F0F0F0 url(top.jpg) no-repeat center
top; height: 14px; margin: 0; padding: 0;}
#header { color: #FFF; padding: 0 15px 0 15px; line-height:
1.0em; }
#header .rside { background: #125E81
url(header.jpg) no-repeat; color: #337493; float: right; height:
129px; width: 750px; font-size: 90%; }
#header .citation { text-align: right; padding: 60px
25px 25px 6px; color: #f0f0f0;}
```

```
#header .lside { background: #FFB424 url(logo.jpg)
no-repeat center; color: #FFF; height: 129px; width: 220px;
padding: 0; margin: 0; float: left; }
#header h2 { background-color: inherit; color: #FFF;
letter-spacing: 1px; }
#header .title { text-align: center; padding-top:
30px;}

#main { margin: 0 20px 0 15px; }
#main h2 { background-color: inherit; color: #156184; line-
height: 1.2em; padding-top: 10px;}
#main h3 { font: 85% Arial, Sans-Serif; margin: 0 0 10px 0;
padding: 0; color: #5f5f5f; background: inherit; }
.center { background: #FFF; width: 720px !important; width:
535px; float: right; margin: 3px;}
.center td{ font: 75% Arial, Sans-Serif; margin: 0 0 10px 0;
padding: 0; color: #5f5f5f; background: inherit; }
.menu a{ background: #ffcc33;}
.menu a { color: black; width: 100%; display: block; text-
indent: 3px; border-bottom: 1px solid gray; padding: 1px 0;
text-decoration: none; font-weight: normal; text-indent: 5px;}
.menu a:hover { background-color: #F8FBBD; color: black;
font-weight:bold;}

.leftmenu { background: #FFF url(leftbg.jpg) repeat-x; width:
215px; float: left; padding: 0; margin: 4px; }
.padding { padding: 15px; }
.user { border: 1px solid #999; background:#ffffff; border-
style: outset; }
.user th{ font: 80% Arial, Sans-Serif; margin: 0 0 10px 0;
padding: 0; color: #ffffff; font-weight:bold; background:
inherit; }
.user td{ font: 70% Arial, Sans-Serif; margin: 0 0 10px 0;
padding: 0; color: #5f5f5f; background: inherit; }
.useracct { background:#ffffff; }
.useracct th{ font: 80% Arial, Sans-Serif; margin: 0 0 10px 0;
padding: 0; color: #FFFFFF; font-weight:bold; background:
inherit; }
.useracct td{ font: 80% Arial, Sans-Serif; margin: 0 0 10px 0;
padding: 0; color: #5f5f5f; background: inherit; }
.img { background: #FFF; float: left; padding: 1px; margin:
5px 8px 5px 0; color: #333; border: 1px solid #e0e0e0; }

/* FOOTER */
#footer { background: #FFF url(footer.jpg) no-repeat; color:
#a0a0a0; height: 43px; text-align: center; font-size: 90%;
clear: both; padding: 0px; margin: 0;}
#footer hr { width: 740px; color: #888; border: 1px solid
#f0f0f0; margin: 0 25px 0 25px; }
#footer a { color: #999; background: #FFF; text-
decoration:none; }
#footer a:hover { background: #FFF; text-decoration:
underline; color: #444;}

/* NAVIGATION */
.nav { clear: both; text-align: left; color: #7D8085;
padding: 0 0 0 0; }
.nav li { font-weight: bold; margin: 0 0 8px 0; padding: 0 0 0
5px; border-bottom: 1px solid #ccc; }
.nav li a { color: #546078; text-decoration: none; }
.nav li a:hover { color: #F29900; text-decoration: none; }

.boxads { background: #E7EDF0; padding: 5px; border: 1px
solid #999; color: #333; width:635px;}
.boxads6 {padding: 5px; color: #333; width:635px;}
.boxads2 { background: #FFFFFF; padding: 5px; border: 1px
solid #999; color: #333; width:635px; height:380px;
overflow:auto; }
.boxads2 a:hover { text-decoration:none;}
.boxads3 { background: #FFF url(leftbg.jpg) repeat-x; }
.boxads3 td{ font: 72% Verdana; margin: 0 0 10px 0;
padding: 0; color: #5f5f5f; }
.boxads3 th{ font: 80% Verdana; margin: 0 0 10px 0;
padding: 0; color: #5f5f5f; font-weight: bold;}
.boxads4 { background: #FFF url(leftbg.jpg) repeat-x;
width:635px; }
.boxads4 label { text-decoration: underline; color: #444; }
```

```
.boxads5 { background: #FFFFFF; padding: 5px; border: 1px solid #999; color: #333; width:635px;}
.select { background: #f3f5fc; padding: 5px; border: 1px solid #999; color: #333; width:280px; }
.select2 { background: #FFFCC; padding: 5px; border: 1px solid #999; color: #333; width:280px; }
.labdai { background: #FFFFFF; padding: 5px; border: 1px solid #999; color: #333; width:635px; height:400px; overflow:auto; }
.labdai a:hover { text-decoration:none; }
.settings{ background: #FFFCC; padding: 10px; border: 1px solid #999; color: #333; width:635px;}
.userdetails { background: #FFF url(leftbg.jpg) repeat-x; width:380px; border: 1px solid #999; border-style: outset;}
.userdetails td{ font: 70% Verdana; margin: 0 0 10px 0; padding: 0; color: #5f5f5f; }
.userdetails th{ font: 70% Verdana; margin: 0 0 10px 0; padding: 0; color: #5f5f5f; font-weight: bold;}
.upload { background: #FFFCC; padding: 5px; border: 1px solid #999; color: #333; width:350px; }
.uploadgray { background: #EFEFEF; padding: 5px; border: 1px solid #999; color: #333; width:350px; }
.boxedup { background: #FFFFFF; padding: 5px; border: 1px solid #999; color: #333; width:635px;}
```

```
p { margin: 0 0 5px 0; padding: 0; color: #555; background: inherit; }
```

```
hr { border: 0; height: 1px; color: #eee; background-color: #eee; }
```

```
a { color: #0F5B7F; background: inherit; text-decoration:none; }
a:hover { background: inherit; text-decoration:none; }
h1 { padding:0; margin:0; color: #0F5B7F; background: inherit;font: bold 1.8em Arial, Sans-Serif; letter-spacing: -1px; }
h1 a {color: #0F5BFF; background: inherit;}
h2 { background-color: inherit; color:#0F5B7F; font-size:140%; font-weight:bold; margin: 10px 0 10px 0; padding:0; }
h2 a { color: #0F5B7F; }
h2 a:hover { color: #0F5BAF; text-decoration: none;}
```

```
ul { margin: 5px 0 20px 15px; padding : 0; list-style : none; }
li { list-style-type: none; color: #F29900; margin: 0 0 0px 0; padding: 0 0 0 0px; }
li a { color: #546078; }
li a:hover { color: #F29900; }
```

```
/*----- for snews -----*/
```

```
fieldset { border: 1px solid #eee; }
textarea.text { height: 150px; width: 90%; border: 1px solid #ccc; background: #fff; color: #000; }
textarea.text:hover { border: 1px solid #eee; background: #FFFFFF4; color: #000; }
input.field { border: 1px solid #ccc; background-color: #3C3C3C; width: 100px; color: #000; }
input.field:hover { border: 1px solid #eee; background: #ccc; color: #000; }
input.text { margin: 0; width: 110px; border: 1px solid #546078; background: #FFF; color: #808080; }
input.text:hover { border: 1px solid #3a4354; }
input.searchbutton { margin: 0; font-size: 100%; font-family: Arial, Sans-serif; border: none; background: #FFFFFF; color: #333; padding: 1px; font-weight: bold; }
.date { color: #505050; background: #FFF; text-align: right; margin: 4px 0 5px 0; padding: 0.4em 0 0 0; border-top: 1px solid #ddd; }
.date a { color: #546078; }
input.button { background: #FFFFFF4; color: #808080; border-right: 1px solid #ccc; border-bottom: 1px solid #ccc; }
.comments { padding: 10px 10px 8px 10px; margin: 0 0 7px 0; background: #FFF; color: #333; }
```

```
.commentsbox { padding: 8px 0 10px 10px; margin: 0 0 10px 0; background: #f4f4f4; color: #000; }
.error { color: #990000; background-color: #FFF0F0; margin-top: 5px; margin-bottom: 10px; border: 0px solid #990000; }
.error h2 { color: #990000; background: inherit; }
.success { color: #000000; background: #fce961; padding: 0px; margin-top: 5px; margin-bottom: 5px; border: 0px dashed #546078; }
.success h2 { color: #546078; background: inherit; }
```

anylinkvertical.js

```
var disappeardelay=100 //menu disappear speed onMouseout (in miliseconds)
var enableanchorlink=0 //Enable or disable the anchor link when clicked on? (1=e, 0=d)
var hidemenu_onclick=1 //hide menu when user clicks within menu? (1=yes, 0=no)
var horizontaloffset=1 //horizontal offset of menu from default location. (0-5 is a good value)
```

```
/////No further editing needed
```

```
var ie5=document.all
var ns6=document.getElementById&&!document.all
```

```
function getposOffset(what, offsetType){
var totaloffset=(offsetType=="left"? what.offsetLeft : what.offsetTop;
var parentEl=what.offsetParent;
while (parentEl!=null){
totaloffset=(offsetType=="left"? totaloffset+parentEl.offsetLeft : totaloffset+parentEl.offsetTop;
parentEl=parentEl.offsetParent;
}
return totaloffset;
}
```

```
function showhide(obj, e, visible, hidden){
if (ie5||ns6)
dropmenuobj.style.left=dropmenuobj.style.top=-500
if (e.type=="click" && obj.visibility==hidden || e.type=="mouseover")
obj.visibility=visible
else if (e.type=="click")
obj.visibility=hidden
}
```

```
function iecompattest(){
return (document.compatMode && document.compatMode!="BackCompat"? document.documentElement : document.body
}
```

```
function clearbrowseredge(obj, whichedge){
var edgeoffset=0
if (whichedge=="rightedge"){
var windowedge=ie5 && !window.opera? iecompattest().scrollLeft+iecompattest().clientWidth-15 : window.pageXOffset+window.innerWidth-15
dropmenuobj.contentmeasure=dropmenuobj.offsetWidth
if (windowedge-dropmenuobj.x-obj.offsetWidth < dropmenuobj.contentmeasure)
edgeoffset=dropmenuobj.contentmeasure+obj.offsetWidth (horizontaloffset*2) //no space to the right of page? Move menu over to the left
}
else{
var topedge=ie5 && !window.opera? iecompattest().scrollTop : window.pageYOffset
var windowedge=ie5 && !window.opera? iecompattest().scrollTop+iecompattest().clientHeight-15 : window.pageYOffset+window.innerHeight-18
dropmenuobj.contentmeasure=dropmenuobj.offsetHeight
if (windowedge-dropmenuobj.y < dropmenuobj.contentmeasure){ //move menu up?
}
```

```

edgeoffset=dropmenuobj.contentmeasure-obj.offsetHeight
if ((dropmenuobj.y-
topedge)<dropmenuobj.contentmeasure) //up no good either
(position at top of viewable window then)
edgeoffset=dropmenuobj.y
}
}
return edgeoffset
}

```

```

function dropdownmenu(obj, e, dropmenuID){
if (window.event) event.cancelBubble=true
else if (e.stopPropagation) e.stopPropagation()
if (typeof dropmenuobj!="undefined") //hide previous menu
dropmenuobj.style.visibility="hidden"
clearhidemenu()
if (ie5||ns6){
obj.onmouseout=delayhidemenu
dropmenuobj=document.getElementById(dropmenuID)
if (hidemenu_onclick) dropmenuobj.onclick=function()
{dropmenuobj.style.visibility='hidden'}
dropmenuobj.onmouseover=clearhidemenu
dropmenuobj.onmouseout=ie5? function()
{ dynamichide(event)} : function(event)
{ dynamichide(event)}
showhide(dropmenuobj.style, e, "visible", "hidden")
dropmenuobj.x=getposOffset(obj, "left")
dropmenuobj.y=getposOffset(obj, "top")
dropmenuobj.style.left=dropmenuobj.x-clearbrowseredge(obj,
"rightedge")+obj.offsetWidth+horizontaloffset+"px"
dropmenuobj.style.top=dropmenuobj.y-clearbrowseredge(obj,
"bottomedge")+ "px"
}
}
return clickreturnvalue()
}

```

```

function clickreturnvalue(){
if ((ie5||ns6) && !enableanchorlink) return false
else return true
}

```

```

function contains_ns6(a, b) {
while (b.parentNode)
if ((b = b.parentNode) == a)
return true;
return false;
}

```

```

function dynamichide(e){
if (ie5&&!dropmenuobj.contains(e.toElement))
delayhidemenu()
else if (ns6&&e.currentTarget!= e.relatedTarget&& !
contains_ns6(e.currentTarget, e.relatedTarget))
delayhidemenu()
}

```

```

function delayhidemenu(){
delayhide=setTimeout("dropmenuobj.style.visibility='hidden'"
,disappeardelay)
}

```

```

function clearhidemenu(){
if (typeof delayhide!="undefined")
clearTimeout(delayhide)
}

```

jsfunctions.js

```

function openChild(file,window) {
var left = Math.floor((screen.availWidth -
400) / 2);
var top = Math.floor((screen.availHeight -
340) / 2);
childWindow=open(file,window,'resizable=no,width=400,heig
ht=340,left='+left+',top='+top);

```

```

if (childWindow.opener == null) childWindow.opener
= self;
}

```

```

function openDAI(file,window,daikind) {
var left = Math.floor((screen.availWidth -
800) / 2);
var top = Math.floor((screen.availHeight -
900) / 2);
document.cookie =
"dai="+daikind+";";
childWindow=open(file,window,'resizable=no,scrollbars=1,wid
th=800,height=900,left='+left+',top='+top);
if (childWindow.opener == null) childWindow.opener
= self;
}

```

```

function setCheckup(pid,recno){
document.cookie = "patientid="+pid+";";
document.cookie = "recno="+recno+";";
newwindow =
window.open('setSchedule.php','_self');
}

```

```

function userAcct(name, pos){
document.getElementById("showhere").innerHTML
= "Name of User: "+ name + "<br>Position: "+pos;
}

```

config.php

```
<?php
```

```

function connectdatabase($name){
$dbhost='localhost';
$dbuser='root';
$dbpassword='root';

```

```

if($conn=@mysql_pconnect($dbhost, $dbuser, $dbpassword))
{
if(mysql_select_db($name)){
$qry_result = mysql_query("SELECT CLINIC_CODE,
CLINIC_NAME, CLINIC_AUTOFIN FROM CLINIC");
if((mysql_num_rows($qry_result) == 0)) {
//DO SOMETHING. PROPMT THE SYSAD TO UPDATE THE CLINIC
TABLE
}
else{
while ($row = mysql_fetch_array($qry_result, MYSQL_NUM)) {
$_SESSION["clinicname"] = $row[1];
$_SESSION["cliniccode"] = $row[0];
$autofin = $row[2];
}
mysql_free_result($qry_result);

```

```

$searchautofin = mysql_query("SELECT MED_TIMESTAMP,
MED_RECNO FROM MED_CONS WHERE MED_STAT='DRAFT'");
if((mysql_num_rows($searchautofin) == 0)) {
//DO SOMETHING. PROPMT THE SYSAD TO UPDATE THE CLINIC
TABLE
}
else{
while ($rowsearch = mysql_fetch_array($searchautofin,
MYSQL_NUM)) {
$recordno = $rowsearch[1];//record no.
$timestamp= date("Y-m-d H:i:s");//timestamp
$curr = strtotime($rowsearch[0]);//unix timestamp
$diff= floor((time()-$curr)/(60*60*24));
if($diff>=$autofin){//the no. of days this record has remained
draft already exceeded the allowed limit.//automatically
finalize
$medcons = mysql_query("UPDATE MED_CONS SET
MED_STAT='FINAL', MED_TIMESTAMP='$timestamp' WHERE
MED_RECNO='$recordno'");
//audit trail

```

```

$audittrail = mysql_query("INSERT INTO AUDIT (AUDITUSERID,
AUDITRECNO, AUDITDETAILS, AUDITSTAMP)
VALUES('System','$recordno', 'System automatically finalized
all drafts exceeding the allowed limit.', $timestamp)");
}
}
}
$lastinsert = mysql_query("SELECT PATNUM FROM patient
ORDER BY patnum DESC LIMIT 1");
if((mysql_num_rows($lastinsert)==1)) {
while ($row = mysql_fetch_array($lastinsert, MYSQL_NUM)) {
$_SESSION["lastid"] = $row[0];
}
}
else{
$_SESSION["lastid"] = "1000";
}
}
$likedate= date("Y-m");
$lupusmeeting= mysql_query("SELECT * FROM LUPUSMTG
WHERE MEETING LIKE '$likedate%'");
if((mysql_num_rows($lupusmeeting)==0)) {/set lupus
meeting
$firstsat=strtotime("first Saturday 9
hours",mktime(0,0,0,date("n"),1));
$firstsat2=strtotime("first Saturday 9
hours",mktime(0,0,0,date("n")+1,1));
$date1=date("Y-m-d H:i A",$firstsat);
$date2=date("Y-m-d H:i A",$firstsat2);
$lupmtg1 = mysql_query("INSERT INTO LUPUSMTG (MEETING,
VENUE) VALUES('$date1','Rm 114')");
$lupmtg2 = mysql_query("INSERT INTO LUPUSMTG (MEETING,
VENUE) VALUES('$date2','Rm 114')");
}
}
return true;
}
}
else{
echo ("<div class='posterror'><br>ERROR: There is no
database named $name. <br><br></font></div>");
$_SESSION = array();
session_destroy();
return false;
}
}
}
else{
echo ("<div class='posterror'><br>ERROR: There is a
problem with your MySQL
connection.<br><br></font></div>");
return false;
}
}
}

function showMenu($usertype){
$name=$_SESSION['username'];
$setuser = mysql_query("SELECT * from USERS WHERE
USERNAME='$name'");
while ($row = mysql_fetch_array($setuser, MYSQL_NUM)) {
$_SESSION["empno"] = $row[2];
$_SESSION["empname"] = $row[3];
$_SESSION["empstat"] = $row[5];
$_SESSION["emppos"] = $row[6];
$_SESSION["emptytype"] = $row[7];
}
if($usertype=="PHY")//PHYSICIAN{?>
<ul><li><a href="#" onClick="return clickreturnvalue()"
onMouseover="dropdownmenu(this, event,
'anylinkmenu1')">Add medical consultation record</a><br
/><div id="anylinkmenu1" class="anylinkcss"><a
href="newpatient.php">New patient</a><a
href="oldpatient.php">Old patient</a></div></li>
<li><a href='labdai.php'>Add lab exam or disease activity
index</a></li>
<li><a href='view.php'>View medical record</a></li>
<li><a href='editdrafts.php'>Edit and finalize
drafts</a></li>
<li><a href='summaries.php'>Generate
summaries</a></li>
<li><a href='viewSked.php'>View schedules</a></li>
</ul>
<?php
}
}
if($usertype=="CLK")//PHYSICIAN
{?>
<ul>
<li><a href="#" onClick="return clickreturnvalue()"
onMouseover="dropdownmenu(this, event,
'anylinkmenu1')">Add medical consultation record</a><br
/><div id="anylinkmenu1" class="anylinkcss"><a
href="newpatient.php">New patient</a><a
href="oldpatient.php">Old patient</a></div></li>
<li><a href='labdai.php'>Add lab exam or disease activity
index</a></li>
<li><a href='viewSkedCLKSAD.php'>View
schedules</a></li>
</ul>
<?php
}
}
if($usertype=="SAD")//SYSTEM ADMINISTRATOR {
?>
<ul><li><a href='settings.php'>Set LuCIS settings</a></li>
<li><a href='manageacct.php'>Manage user
accounts</a></li>
<li><a href='import.php'>Import LuCIS</a></li>
<li><a href='export.php'>Export LuCIS</a></li>
<li><a href='audit.php'>View audit trail</a></li>
<li><a href='viewSkedCLKSAD.php'>View
schedules</a></li></ul>
<?php
}
}

function showIcons(){
?>
<a href="home.php" onmouseover="Tip('Home')"></a>
<a href="editaccount.php" onmouseover="Tip('Edit user
account')"></a> <a href="logout.php"
onmouseover="Tip('Log out')"></a><br><br>
<?php
$username=$_SESSION['empname'];
$userpos=$_SESSION['emppos'];
$type=$_SESSION['emptytype'];
if($type=="PHY") $usertype="Physician";
else if($type=="CLK") $usertype="Clerk";
else if($type=="SAD") $usertype="System Admin";
echo "<div class='user'><table width=100%><tr
bgcolor=#3399ff><th align=center>USER
PROFILE</th></tr>";
echo "<tr><td><b>Name:</b> $username</td></tr>";
echo "<tr><td><b>Position:</b> $userpos</td></tr>";
echo "<tr><td><b>User type:</b>
$usertype</td></tr></table></div>";
}

function showError(){?>
<div id="page">
<div id="content">
<div id="welcome" class="post">
<div class="content"> </div>
</div><div id="example" class="post">
<h2 class="title">UNAUTHORIZED ACCESS</h2> You must
log in before using this system. <a href='login.php'>Click
here</a> to log in
</div></div>
<div style="clear: both;"> </div>
</div>
<?php
}

function deleteCookies(){
setcookie ("patientid", "", time() - 3600);
setcookie ("recno", "", time() - 3600);
setcookie ("pid", "", time() - 3600);
}

```

```

}

function sledai($PID){
$result = mysql_query("select SLEDAI_SCORE, SLEDAI_STAMP
from SLEDAI where SLEDAI_PID='$PID' order by
SLEDAI_STAMP");
$num_rows = mysql_num_rows($result);
if($num_rows==0){
echo "<center>No data to display</center>";
}
else{
$strXML = "<chart labelDisplay='ROTATE' slantLabels='1'
caption='SLEDAI' xAxisName='Consultation date'
yAxisName='Score (pts)' numberSuffix=''.
'yAxisMaxValue='105' showValues='1'
placeValuesInside='1'>";
while ($rownum = mysql_fetch_array($result, MYSQL_NUM)) {
$rec=$rownum[1];
$score=$rownum[0];
$strXML .= "<set label='". substr($rec,0,10) . "' value='".
$score . "' />";
}
$strXML .= "</chart>";
echo renderChart("../FusionCharts/Column2D.swf", "",
$strXML, "SLEDAI", 250, 280, false, false);
}
}

function eclam($PID){
$result = mysql_query("select ECLAM_SCORE, ECLAM_STAMP
from ECLAM where ECLAM_PID='$PID' order by
ECLAM_STAMP");
$num_rows = mysql_num_rows($result);
if($num_rows==0){
echo "<center>No data to display</center>";
}
else{
$strXML = "<chart labelDisplay='ROTATE' slantLabels='1'
caption='ECLAM' xAxisName='Consultation date'
yAxisName='Score (pts)' numberSuffix=''.
'yAxisMaxValue='10' showValues='1'>";
while ($rownum = mysql_fetch_array($result, MYSQL_NUM)) {
$rec=$rownum[1];
$score=$rownum[0];
$strXML .= "<set label='". substr($rec,0,10) . "' value='".
$score . "' />";
}
$strXML .= "</chart>";
echo renderChart("../FusionCharts/Column2D.swf", "",
$strXML, "eclam", 250, 280, false, false);
}
}

function slam($PID){
$result = mysql_query("select * from SLAM where
SLAM_PID='$PID' order by SLAM_STAMP");
$num_rows = mysql_num_rows($result);
if($num_rows==0){
echo "<center>No data to display</center>";
}
else{
$strXML = "<chart palette='2' plotSpacePercent='30'
caption='SLAM score by category' xAxisName='Consultation
date' yAxisName='Score' numVisiblePlot='10'".
"showvalues='1' placeValuesInside='1' useRoundEdges='1'>";
$strCateg = "<categories>";
$strCons = "<dataset seriesName='Constitutional'
showValues='0' color='FF3300'>";
$strInt = "<dataset seriesName='Integument'
showValues='0' color='FFCC00'>";
$strEye = "<dataset seriesName='Eye' showValues='0'
color='FFFF00'>";
$strReticulo = "<dataset seriesName='Reticuloendothelial'
showValues='0' color='FFCC33'>";
$strPulmo = "<dataset
seriesName='Pulmonary' showValues='0' color='009900'>";
$strCardio = "<dataset seriesName='Cardiovascular'
showValues='0' color='66CC00'>";
}
}

function bilag($PID){
$result = mysql_query("select * from BILAG where
BILAG_PID='$PID' order by BILAG_STAMP");
$num_rows = mysql_num_rows($result);
if($num_rows==0){
echo "<center>No data to display</center>";
}
else{
$strXML = "<chart palette='2' plotSpacePercent='30'
useRoundEdges='1' caption='BILAG score by category'
xAxisName='Consultation date' yAxisName='Category'
numVisiblePlot='10' yAxisMaxValue='4'".showvalues='1'
placeValuesInside='1'>";
$strCateg = "<categories>";
$strGen = "<dataset seriesName='General' showValues='0'
color='FF3300'>";
$strMuco = "<dataset seriesName='Mucocutaneous'
showValues='0' color='FF9900'>";
$strNeuro = "<dataset seriesName='Neurological'
showValues='0' color='FFFF00'>";
$strMusculo = "<dataset seriesName='Musculoskeletal'
showValues='0' color='009900'>";
$strCardio = "<dataset seriesName='Cardiovascular and
Respiratory' showValues='0' color='66CC00'>";
$strVascu = "<dataset seriesName='Vasculitis'
showValues='0' color='3333FF'>";
$strRenal = "<dataset seriesName='Renal' showValues='0'
color='6600CC'>";
$strHema = "<dataset seriesName='Hematology'
showValues='0' color='9900CC'>";
while ($row = mysql_fetch_array($result, MYSQL_NUM)) {
$strCateg .= "<category
label='". substr($row[10],0,10)."'><vLine color='000000'
thickness='4' />";
for($j=1; $j<=8; $j++){
if($row[$j]=='A') $value[$j]=4;
if($row[$j]=='B') $value[$j]=3;
}
}
}
}
}

```

```

if($row[$j]=='C') $value[$j]=2;
if($row[$j]=='D') $value[$j]=1;
if($row[$j]=='E') $value[$j]=0;
}
$strGen .= "<set value='$value[1]'/>";
$strMuco .= "<set value='$value[2]'/>";
$strNeuro .= "<set value='$value[3]'/>";
$strMusculo .= "<set value='$value[4]'/>";
$strCardio .= "<set value='$value[5]'/> ";
$strVascu .= "<set value='$value[6]'/>";
$strRenal .= "<set value='$value[7]'/>";
strHema .= "<set value='$value[8]'/>";
}
$strCateg .= "</categories> ";
$strGen .= "</dataset>";
$strMuco .= "</dataset>";
$strNeuro .= "</dataset>";
$strMusculo .= "</dataset>";
$strCardio .= "</dataset>";
$strVascu .= "</dataset>";
$strRenal .= "</dataset>";
$strHema .= "</dataset> ";
$strXML .= $strCateg.$strGen.$strMuco.$strNeuro.
$strMusculo.$strCardio.$strVascu. $strRenal.$strHema.
"</chart>";
echo renderChart("../FusionCharts/ScrollColumn2D.swf", "",
$strXML, "FactorySum", 500, 280, false, false);
}
}
?>

```

index.php

```

<?php
session_start();
require'config.php';
connectdatabase('LUCIS');
?>

<html>
<head>
<title>Lupus Clinic Information System</title>
<style type="text/css" media="all">@import "images/style-
edited.css";</style>
<link rel="alternate" type="application/rss+xml" title="RSS
2.0" href="rss/" />
</head>

<body>
<script language="JavaScript" type="text/javascript">
<!--
function createRequestObject() {
var req;

if(window.XMLHttpRequest){// Firefox, Safari, Opera...
req = new XMLHttpRequest();
}
else if(window.ActiveXObject) { // Internet Explorer 5+
req = new ActiveXObject("Microsoft.XMLHTTP");
} else {
// There is an error creating the object,// just as an old browser
is being used.
alert('Problem creating the XMLHttpRequest object');
}
return req;
}

var http = createRequestObject();

function sendRequest() {
var username = document.getElementById('uname').value;
var password = document.getElementById('pwd').value;
var queryString = "?username=" + username +
"&password=" + password;
http.open('get', 'ajax-login.php?' + queryString);
http.onreadystatechange = handleResponse;

```

```

http.send(null);
}

function handleResponse() {
if(http.readyState == 4 && http.status == 200){
// Text returned from PHP script
var response = http.responseText;
if((response.lastIndexOf("ERROR:"))<0){//correct
testwindow=window.open("home.php","_self");
}
else{//ERROR// Update ajaxTest content
document.getElementById("resp").innerHTML = response;
}
}
}

function reloadPage(){
window.location.reload()
}

//-->
</script>

<div class="content">
<div id="toph"></div>
<div id="header">
<div class="rside">
<div class="citation">
<h2>LUPUS CLINIC INFORMATION SYSTEM</h2>
<?php echo $_SESSION['clinicname']; ?></div>
</div>
<div class="lside"></div>
</div>
<div id="main">
<div class="center">
<div align=center>

<object width="550" height="400">
<param name="movie" value="images/lupusnew.swf">
<embed src="images/lupusnew.swf" width="550"
height="400">
</embed>
</object>
</div>
<center>
<div class='boxads'>
<i><br>"Lupus is a chronic autoimmune inflammatory multi-
system disease of unknown cause. Most commonly it occurs in
women during the childbearing years, ages 15-45. Women are
affected ten times more often than men in this age group.
However, younger and older individuals can develop lupus,
but when children or those over 45 have lupus women are
affected only two times as often as men. The disease is
commoner in Orientals and Blacks."</i><br>-Lupus Inspired
Advocacy<br><br>
</div>
</center>
<br><br><br>
</div>
<div class="leftmenu">

<div class="padding">
<h2>Sign in</h2>
<form action="#" id="form1" method="post">
<div class="search">Username<br><input type="text"
value="" class="text"
id="uname"/><br><br>Password<br><input
type="password" value="" class="text"
id="pwd"/><br><br><input type="button" value="Sign in"
id="submitButton" onClick="sendRequest();" /></div>
</form>
<br /><br />
<div class="search" id="resp"></div>
</div>
</div>
</div>
<br /> <br />

```

```
<div id="footer">Copyright &copy; 2008 | by Therese Rosario  
A. Marcelo - UP Manila | Design: David Herreman </div>
```

```
</div>  
</body>  
</html>
```

ajax-login.php

```
<?php  
session_start();  
require'config.php';  
connectdatabase('LUCIS');  
  
$uname = $_GET['username'];  
$pwd1 = $_GET['password'];  
$pwd = md5($pwd1);  
  
$display_string="";  
  
if(!empty($uname) and !empty($pwd1)){  
$qry_result = mysql_query("SELECT * FROM USERS WHERE  
USERNAME='$uname' and PASSWORD='$pwd'");  
if((mysql_num_rows($qry_result) == 0)) {  
$display_string = "ERROR: Invalid username and/or password!  
<br><br>";  
}  
else{  
while ($row = mysql_fetch_array($qry_result, MYSQL_NUM)) {  
if($row[5]='A'){  
$_SESSION["username"] = $row[0];  
$_SESSION["empno"] = $row[2];  
$_SESSION["empname"] = $row[3];  
$_SESSION["empstat"] = $row[5];  
$_SESSION["emppos"] = $row[6];  
$_SESSION["emptye"] = $row[7];  
}  
else echo"ERROR: Your user account is currently inactive.  
<br>Please contact your system administrator."  
}  
mysql_free_result($qry_result);  
}  
}  
if(empty($uname) || empty($pwd1)){//nothing to query  
$display_string=' ERROR: Please enter your username and  
password.<br><br>';  
}  
echo $display_string;  
?>
```

home.php

```
<?php  
session_start();  
require'config.php';  
connectdatabase('LUCIS');  
?>  
  
<html>  
<head>  
<title>Lupus Clinic Information System</title>  
<style type="text/css" media="all">@import "images/style-  
edited.css";</style>  
<link rel="alternate" type="application/rss+xml" title="RSS  
2.0" href="rss/" />  
<link rel="stylesheet" type="text/css"  
href="css/anylinkvertical.css" />  
<script type="text/javascript"  
src="css/anylinkvertical.js"></script>  
</head>  
  
<body>  
<script type="text/javascript"  
src="css/wz_tooltip.js"></script>
```

```
<script type="text/javascript"  
src="css/jsfunctions.js"></script> <!--JAVASCRIPT  
FUNCTIONS IN HERE-->  
<?php  
if (empty($_SESSION['username'])) {//USER NOT LOGGED IN.  
UNAUTHORIZED ACCESS  
?>  
<script language="JavaScript">  
alert("UNAUTHORIZED ACCESS. You will be redirected to the  
log in page.");  
window.open('index.php', '_self');  
</script>  
<?php  
}  
?>  
<div class="content">  
<div id="toph"></div>  
<div id="header">  
<div class="rside">  
<div class="citation">  
<h2>LUPUS CLINIC INFORMATION SYSTEM</h2>  
<?php echo $_SESSION['clinicname']; ?></div>  
</div>  
<div class="lside"></div>  
</div>  
<div id="main">  
<div class="center"><br><br><br>  
<div class='boxads'>  
<i><br>"Lupus is a chronic autoimmune inflammatory multi-  
system disease of unknown cause. Most commonly it occurs in  
women during the childbearing years, ages 15-45. Women are  
affected ten times more often than men in this age group.  
However, younger and older individuals can develop lupus,  
but when children or those over 45 have lupus women are  
affected only two times as often as men.  
The disease is commoner in Orientals and Blacks."</i><br>-  
Lupus Inspired Advocacy<br><br>  
</div><br><br>  
<div class='boxads6'>  
The objectives of this information system are to store medical  
records in a database that can be accessed through the  
hospital's intranet, to provide a disease activity calculator  
based on four disease activity indices, to incorporate an  
import/ export facility for the integration of data from others  
clinics that can be used for  
research purposes, and to incorporate an SMS reminder  
application that would alert the patients and attending  
physicians of their check-up schedules and lupus meeting  
dates.  
</div>  
</div>  
<div class="leftmenu">  
<div class="padding" align="center">  
<?php showlcons();?>  
<br>  
<hr>  
</div>  
<div class="padding">  
<h2>Funtionalities</h2>  
<div class="nav">  
<?php showMenu($_SESSION["emptye"]); ?>  
</div>  
</div>  
</div>  
</div>  
<br /> <br />  
<div id="footer">Copyright &copy; 2008 | by Therese Rosario  
A. Marcelo - UP Manila | Design: David Herreman </div>  
</div>  
</body>  
</html>
```

logout.php

```
<?PHP  
session_start();  
require'config.php';
```



```
// Unset all of the session variables.
$_SESSION = array();
// Finally, destroy the session.
session_destroy();
?>

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0
Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html>
<head>
<title>Lupus Clinic Information System</title>
<meta http-equiv="Content-Type" content="text/html;
charset=iso-8859-1" />
<meta http-equiv="Content-Language" content="en-us" />
<meta http-equiv="imagetoolbar" content="no" />
<style type="text/css" media="all">@import "images/style-
edited.css";</style>
<link rel="alternate" type="application/rss+xml" title="RSS
2.0" href="rss/" />
</head>
<body onLoad="window.open('index.php', '_self');">
</body>
</html>
```

sendsms.php

```
<?
session_start();
require '../config.php';
require_once "class.gammu_nix_win32_v2.php";
connectdatabase('LUCIS');
$clinname=$_SESSION["clinname"];
$sms = new gammu("gammu.exe");

$currdate= date("Y-m-d");
$daysbefore= date("Y-m-d" , strtotime("+2 days",
strtotime($currdate))); //ALERT PATIENTS 2 DAYS BEFORE
THEIR SCHEDULED CHECK-UP
$daysbefore1= date("Y-m-d" , strtotime("+1 days",
strtotime($currdate))); //ALERT PATIENTS 1 DAY BEFORE
THEIR SCHEDULED CHECK-UP

$patient = mysql_query("SELECT MOBILENO, SCHEDULE,
PATFNAME, SKED_PID FROM PATIENT, SKED WHERE
(SKED_PID=PATIENTID and (SCHEDULE LIKE '$daysbefore%'
OR SCHEDULE LIKE '$daysbefore1%'))");
if((mysql_num_rows($patient) > 0)) {
$cntsnt=0;
while ($row = mysql_fetch_array($patient, MYSQL_NUM)) {
$num=$row[0];
$sked=$row[1];
$name= $row[2];
$patid=$row[3];
$timestamp= date("Y-m-d H:i:s");
if(!empty($num) and !empty($sked) ){
$skeddate=date('F j, Y (D) \a\t g:i a',strtotime($sked));
if(ereg('^([\+][0-9]{12})?$', $num) || ereg('^([0-9]{11})?$',
$num)){ //valid mobile phone number
$sendstr= "$clinname Lupus Clinic Information System
$name, you are scheduled for a check-up on $skeddate.
Thank you.";
if ($sms->Send($num,$sendstr,$respon)) {
$cntsnt++;
$entalerts= mysql_query("INSERT INTO SENTALERTS
(SENTSTAMP, PATID, RECIPIENT,
MESSAGE)VALUES('$timestamp','$patid','$num','$sendstr')");
$updatestamped=mysql_query("UPDATE SKED SET
IFSENT='SENT' WHERE SKED_PID='$patid' AND
SCHEDULE='$sked'");
}
else {
echo "FAILED::$respon:$sendstr<br>";
$updatestamped=mysql_query("UPDATE SKED SET
IFSENT='FAILED' WHERE SKED_PID='$patid' AND
SCHEDULE='$sked'");
}
}
}
}
```

```
}
}
echo "$cntsnt check-up text alert(s) have been sent.<br>";
}
else{
echo"There are no check-up alert(s) to be sent at the
moment.<br>";
}

//=====LUPUS MEETING
ALERTS=====
$mtg = mysql_query("SELECT MEETING, VENUE FROM
LUPUSMTG WHERE MEETING like '$daysbefore1%'");
if((mysql_num_rows($mtg) ==1)) {
$cntsntmtg=0;
while ($row = mysql_fetch_array($mtg, MYSQL_NUM)) {
$mtgsked=$row[0];
$mtgsked=date('F j, Y (D), g:i a',strtotime($mtgsked));
$venue=$row[1];
}
}
$contactnum = mysql_query("SELECT MOBILENO, PATFNAME
FROM PATIENT");
if((mysql_num_rows($contactnum) > 0) {
while ($row = mysql_fetch_array($contactnum, MYSQL_NUM))
{
$num=$row[0];
$name=$row[1];
if(ereg('^([\+][0-9]{12})?$', $num) || ereg('^([0-9]{11})?$',
$num)){ //valid mobile phone number
$sendstr= "$clinname Lupus Clinic Information System
$name, you are invited to attend the Lupus meeting on
$mtgsked at $venue. Thank you.";
if ($sms->Send($num,$sendstr,$respon)) {
$cntsntmtg++;
}
else {
echo "FAILED::$respon:$sendstr<br>";
}
}
}
}
echo "$cntsntmtg lupus meeting text alert(s) have been
sent.<br>";
}
else{
echo"There are no lupus meeting alerts to be sent at the
moment.<br>";
}

//=====PHYSICIAN
ALERTS=====
$physician = mysql_query("SELECT COUNT(*), SKED_PHY,
EMPCONTACT FROM SKED, USERS WHERE (SCHEDULE LIKE
'$daysbefore1%' AND SKED_PHY=EMPNAME) GROUP BY
SKED_PHY");
if((mysql_num_rows($physician) >0)) {
$i=-1;
$physked= date("F j, Y (D)", strtotime($daysbefore1));
while ($rows = mysql_fetch_array($physician, MYSQL_NUM)) {
$i++;
$count[$i]=$rows[0];
$skedphy[$i]=$rows[1];
$contactno[$i]= $rows[2];
}

for($k=0; $k<=$i; $k++){
if(ereg('^([\+][0-9]{12})?$', $contactno[$k]) || ereg('^([0-9]
{11})?$', $contactno[$k])){ //valid mobile phone number
$sendstr= "$clinname LuCIS $skedphy[$k], you have
scheduled $count[$k] patient(s) for check-up on $physked.
Thank you.";
if ($sms->Send($contactno[$k],$sendstr,$respon)) {
}
else {
echo "FAILED::$respon:$sendstr<br>";
}
}
}
}
}
```

?>

automatesms.vbs

```
*****
* schedule this VB Script to fetch/execute a web page
*****

url = "http://localhost/lucis/bin/sendsms.php"
goURL url, "GET", ""
sub goURL(url, method, data)
'uses the MSXML COM for http request
set objReq = CreateObject("Microsoft.XMLHTTP.1")
If method = "GET" Then
objReq.open "GET", url & "?" & data, False
objReq.Send ""
Else
objReq.open "POST", url, False
objReq.setRequestHeader "Content-Type", "application/x-www-form-urlencoded"
objReq.Send data
End If
set objReq = nothing
end sub
```

class.gammu_nix_win32_v2.php

```
class gammu {

/* Initializing gammu bin/EXE */
var $gammu = "";
var $replacemen = array("\n","\t","\r");
var $dataBuffer;
var $filedb = "smsbox.txt";
var $TextEncrypt = 0;

//var $configFile = "/etc/gammurc";
/* Locate gammurc files (fullpath) */

function gammu($ex="") {
if ($ex!="") { $this->gammu = $ex; }
}

function gammu_exe($exe,&$respon) {
$respon=array();
if (file_exists($this->gammu) { @exec($exe,$respon); }
else { array_push($respon,"Can not found $this->gammu or
Gammu is not installed"); }
}

function Send($number=0,$text,&$respon) {
$text=str_replace($this->replacemen,"",$text);
if ($number) { $this->gammu_exe("echo $text | ".$this->
gammu." nothing --sendsms TEXT $number",$rs); }
for($i=0;$i<count($rs);$i++) {
$respon.=$rs[$i]."\r\n";
}
$this->Error=$respon;
if (eregi("OK",$respon)) { return 1; } else { return 0;$this->
Error=$respon; }
}

function
Identify(&$MANUFACTURER,&$IMEI,&$SIM_IMSI,&$respon) {
$x=0;
$this->gammu_exe($this->gammu." nothing --identify",$rs);
for($i=0;$i<count($rs);$i++) {
$r.=$rs[$i]."\r\n";
}
if(eregi("Error opening device",$r) {
$respon="Not Connected ($r) [Error opening device]";
return 0;
}
if (eregi("No configuration file found",$r) {
```

```
$respon="No configuration file found";
return 0;
}
if (eregi("Gammu is not installed",$r)) {
$respon=$r;
return 0;
}
if (preg_match("/Manufacturer(.+):(.+)/",$r,$s)) {
$MANUFACTURER=trim(str_replace("\n","",$s[2]));
$respon="";
$x++;
}
if (preg_match("/IMEI(.+):(.+)/",$r,$s)) {
$IMEI=trim(str_replace("\n","",$s[2]));
$respon="";
$x++;
}
if (preg_match("/SIM IMSI(.+):(.+)/",$r,$s)) {
$SIM_IMSI=trim(str_replace("\n","",$s[2]));
$respon="";
$x++;
}
if ($x > 0) { return 1; }
}
}
?>
```

---PHYSICIAN FUNCTIONALITIES---

newpatient.php

```
<?php
session_start();
require'config.php';
connectdatabase('LUCIS');

?>

<html>
<head>
<title>Lupus Clinic Information System</title>
<style type="text/css" media="all">@import
"images/style-edited.css";</style>
<link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
<link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
<script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>

<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script> <!--TOOLTIPS-->
<script type="text/javascript"
src="css/jsfunctions.js"></script> <!--JAVASCRIPT
FUNCTIONS IN HERE-->
<script language="javascript" type="text/javascript"
src="css/datetimepicker.js"></script><!--CALENDAR MAKER
HERE-->
<script language="JavaScript" type="text/javascript">
function createRequestObject() {
var req;

if(window.XMLHttpRequest){// Firefox, Safari, Opera...
req = new XMLHttpRequest();
} else if(window.ActiveXObject) {// Internet Explorer 5+
req = new ActiveXObject("Microsoft.XMLHTTP");
} else {// There is an error creating the object,
// just as an old browser is being used.
alert('Problem creating the XMLHttpRequest object');
}

return req;
}
}
```

```

var http = createRequestObject();

function sendRequest(mode) { //draft and final only
//DEMOGRAPHICS
var flag=0;
//if(mode=='VIEWALL') flag=1; //for viewing only
if(mode=='DRAFT') flag=1;
if(mode=='FINAL'){
var input_box=confirm("Are you sure you
want to save this consultation record as final? \n"+
"Finalized records
cannot be edited anymore.\n\n" + "Click OK to continue.");
if (input_box==true){ // Output when OK
is clicked
flag=1;
}
}
if(flag==1){
var
clerkornot=document.getElementById('clerkornot').value;
var docname="";
if(clerkornot=='T'){

docname=document.getElementById('attphy').value;
}
var lname =
document.getElementById('lname').value;
var mname =
document.getElementById('mname').value;
var fname =
document.getElementById('fname').value;
var bdate =
document.getElementById('bdate').value;
var bmonth =
document.getElementById('bmonth').value;
var byear =
document.getElementById('byear').value;
//var sex =
document.getElementById('sex').value;

var sex="";
for(var i=0; i <
document.parentform.sex.length; i++){

if(document.parentform.sex[i].checked){
sex =
document.parentform.sex[i].value;
}
}

var address =
document.getElementById('address').value;
var civilstatus =
document.getElementById('civilstatus').value;
var mobileno =
document.getElementById('mobileno').value;
var telno =
document.getElementById('telno').value;
var ethnicity =
document.getElementById('ethnicity').value;
var religion =
document.getElementById('religion').value;
var occupation =
document.getElementById('occupation').value;

//LUPUS DATA
var lupusage =
document.getElementById('lupusage').value;
var lupusmonth =
document.getElementById('lupusmonth').value;
var lupusyear =
document.getElementById('lupusyear').value;

var acr="";
for(var i=0; i <
document.parentform.acr.length; i++){

```

```

if(document.parentform.acr[i].checked){
if(acr=="") acr +=
document.parentform.acr[i].value;
else acr += ", " +
document.parentform.acr[i].value ;
}
}
var hgb =
document.getElementById('hgb').value;
var wbc =
document.getElementById('wbc').value;
var plt =
document.getElementById('plt').value;
var esr =
document.getElementById('esr').value;
var alb =
document.getElementById('alb').value;
var uwbc =
document.getElementById('uwbc').value;
var rbc =
document.getElementById('rbc').value;
var casts =
document.getElementById('casts').value;
var crt =
document.getElementById('crt').value;
var c3 =
document.getElementById('c3').value;
var lupusman="";
for(var i=0; i <
document.parentform.lupusman.length; i++){

if(document.parentform.lupusman[i].checked){
if(lupusman=="")
lupusman += document.parentform.lupusman[i].value;
else lupusman += ", "
+ document.parentform.lupusman[i].value ;
}
}
//var lupusman =
document.getElementById('lupusman').value;

var chiefcomplaint =
document.getElementById('chiefcomplaint').value;
//CHIEF COMPLAINT
var hxpresentillness =
document.getElementById('hxpresentillness').value;
//HX OF PRESENT ILLNESS
var birthdevt =
document.getElementById('birthanddevt').value;
var menarcheage =
document.getElementById('menarcheage').value;
var menopauseage =
document.getElementById('menopauseage').value;
var mensinterval =
document.getElementById('mensinterval').value;
var duration =
document.getElementById('duration').value;
var amount =
document.getElementById('amount').value;
var Imp =
document.getElementById('Imp').value;
var pmp =
document.getElementById('pmp').value;
//PERSONAL AND SOCIAL HX
var diets =
document.getElementById('diets').value;
var habits =
document.getElementById('habits').value;
var hobbies =
document.getElementById('hobbies').value;
//DISEASE PREVENTION MEASURES
var diphtheria =
document.getElementById('diphtheria').value;
var pertussis =
document.getElementById('pertussis').value;
var tetanus =
document.getElementById('tetanus').value;

```

```

        var polio =
document.getElementById('polio').value;
        var hepa =
document.getElementById('hepa').value;
        var measles =
document.getElementById('measles').value;
        var mumps =
document.getElementById('mumps').value;
        var rubella =
document.getElementById('rubella').value;
        var influenza =
document.getElementById('influenza').value;
        var regmed="";
        for(var i=0; i <
document.parentform.regmed.length; i++){
            if(document.parentform.regmed[i].checked){
                regmed =
document.parentform.regmed[i].value;
            }
        }
        var regblood="";
        for(var i=0; i <
document.parentform.regblood.length; i++){
            if(document.parentform.regblood[i].checked){
                regblood =
document.parentform.regblood[i].value;
            }
        }
        //var regmed =
document.getElementById('regmed').value;
        //var regblood =
document.getElementById('regblood').value;
        var regbloodresults =
document.getElementById('regbloodresults').value;
        //PAST MEDICAL HISTORY
        var allergies =
document.getElementById('allergies').value;
        var illnesses =
document.getElementById('illnesses').value;
        var operations =
document.getElementById('operations').value;
        var transfusions =
document.getElementById('transfusions').value;
        var injuries =
document.getElementById('injuries').value;
        var medications =
document.getElementById('medications').value;
        var adversedrug =
document.getElementById('adversedrug').value;
        //REVIEW OF SYSTEMS
        var general =
document.getElementById('general').value;
        var eyes =
document.getElementById('eyes').value;
        var ent =
document.getElementById('ent').value;
        var respiratory =
document.getElementById('respiratory').value;
        var heart =
document.getElementById('heart').value;
        var gastrointestinal =
document.getElementById('gastrointestinal').value;
        var genitourinary =
document.getElementById('genitourinary').value;
        var musculoskeletal =
document.getElementById('musculoskeletal').value;
        var skinbreast =
document.getElementById('skinbreast').value;
        var neurologic =
document.getElementById('neurologic').value;
        var psychiatric =
document.getElementById('psychiatric').value;
        var endocrine =
document.getElementById('endocrine').value;

```

```

        var hematologic =
document.getElementById('hematologic').value;
        //PHYSICAL EXAM
        var height =
document.getElementById('height').value;
        var weight =
document.getElementById('weight').value;
        var bp =
document.getElementById('bp').value;
        var temp =
document.getElementById('temp').value;
        var pulserate =
document.getElementById('pulserate').value;
        var resprate =
document.getElementById('resprate').value;
        var gensurvey =
document.getElementById('gensurvey').value;
        var skinexam =
document.getElementById('skinexam').value;
        var heent =
document.getElementById('heent').value;
        var mobility =
document.getElementById('mobility').value;
        var lymphnodes =
document.getElementById('lymphnodes').value;
        var thyroid =
document.getElementById('thyroid').value;
        var othermasses =
document.getElementById('othermasses').value;
        var breastexam =
document.getElementById('breastexam').value;
        var thorax =
document.getElementById('thorax').value;
        var pulses =
document.getElementById('pulses').value;
        var abdomen =
document.getElementById('abdomen').value;
        var genitourinaryexam =
document.getElementById('genitourinaryexam').value;
        var musculoskeletalexam =
document.getElementById('musculoskeletalexam').value;
        var mentalstat =
document.getElementById('mentalstat').value;
        var cranialnerves =
document.getElementById('cranialnerves').value;
        var gait =
document.getElementById('gait').value;
        var motor =
document.getElementById('motor').value;
        var coord =
document.getElementById('coord').value;
        var sensory =
document.getElementById('sensory').value;
        var superficial =
document.getElementById('superficial').value;
        var deeptendon =
document.getElementById('deeptendon').value;
        var abnormal =
document.getElementById('abnormal').value;
        //CASE SUMMARY
        var subjective =
document.getElementById('subjective').value;
        var objective =
document.getElementById('objective').value;
        var assessment =
document.getElementById('assessment').value;
        var plans =
document.getElementById('plans').value;
        var queryString = "?&method=" + mode
+ "&lname=" + lname + "&mname=" + mname +
"&fname=" + fname + "&bdate=" + bdate + "&bmonth=" +
bmonth + "&byear=" + byear + "&sex=" + sex +
"&address=" + address + "&civilstatus=" + civilstatus +
"&mobilenos=" + mobilenos + "&telnos=" + telno +
"&ethnicity=" + ethnicity +
"&occupation=" + occupation +
"&religion=" + religion + "&cc=" + chiefcomplaint + "&hxpres="
+ hxpres + "&birthdevt=" + birthdevt +

```

```

"&menage=" + menarcheage + "&menoage=" +
menopauseage + "&mensint=" + mensinterval +
"&duration=" + duration + "&amount=" + amount + "&Imp="
+ Imp + "&pmp=" + pmp +
"&diets=" + diets + "&habits=" +
+ habits+ "&hobbies="+ hobbies +
"&diphtheria=" + diphtheria+ "&pertussis=" + pertussis+ "&tetanus="
+ tetanus+ "&polio=" + polio+ "&hepa=" + hepa+ "&measles="
+ measles+ "&mumps=" + mumps+ "&rubella=" + rubella+
"&influenza=" + influenza+ "&regmed=" + regmed+
"&regblood=" + regblood+ "&regbloodresults=" + regbloodresult
s+ "&allergies=" + allergies+ "&illnesses=" + illnesses+ "&operati
ons=" + operations+ "&transfusions=" + transfusions+ "&injuries
=" + injuries+ "&medications=" + medications+ "&adversedrug="
+ adversedrug+
"&general=" + general+ "&eyes=" + eyes+ "&ent=" + e
nt+ "&resp=" + respiratory+ "&heart=" + heart+ "&gastro=" + gas
trointestinal+ "&genito=" + genitourinary+ "&musculo=" + musculo
uloskeletal+ "&skinbreast=" + skinbreast+ "&neurologic=" + neu
rologic+ "&psychiatric=" + psychiatric+ "&endocrine=" + endocri
ne+ "&hematologic=" + hematologic+ "&height=" + height+ "&w
eight=" + weight+ "&bp=" + bp+ "&temp=" + temp+ "&pulserate="
+ pulserate+ "&resprate=" + resprate+ "&gensurvey=" + gens
urvey+ "&skinexam=" + skinexam+ "&heent=" + heent+ "&mobil
ity=" + mobility+ "&lymphnodes=" + lymphnodes+ "&thyroid="
+ thyroid+ "&othermasses=" + othermasses+ "&breastexam="
+ breastexam+ "&thorax=" + thorax+ "&pulses=" + pulses+ "&ab
domen=" + abdomen+ "&genitourinaryexam=" + genitourinarye
xam+ "&musculoskeletalexam=" + musculoskeletalexam+ "&m
entalstat=" + mentalstat+ "&cranial=" + cranialnerves+ "&gait="
+ gait+ "&motor=" + motor+ "&coord=" + coord+ "&sensory=" +
sensory+ "&superficial=" + superficial+ "&deependon=" + deep
endon+ "&abnormal=" + abnormal+ "&subj=" + subjective+
"&obj=" + objective+ "&assessment=" + assessment+
"&plans=" + plans+ "&lupusage=" + lupusage+ "&lupusmonth="
+ lupusmonth+ "&lupusyear=" + lupusyear+ "&acr=" + acr+
"&hgb=" + hgb+ "&wbc=" + wbc+ "&plt=" + plt+ "&esr
=" + esr+ "&alb=" + alb+ "&uwbc=" + uwbc+ "&rbc=" + rbc+ "&cas
ts=" + casts+ "&crt=" + crt+ "&c3=" + c3+ "&lupusman=" + lupus
man+ "&docname=" + docname;

http.open('get', 'ajax-
addnewpatient.php?' + queryString);
http.onreadystatechange =
handleResponse;
http.send(null);
}
}

function handleResponse() {
if(http.readyState == 4 && http.status == 200){
// Text returned from PHP script
var response = http.responseText;

if((response.lastIndexOf("ERROR:"))<0){//correct
document.getElementById("notice").innerHTML = response;
}
if((response.lastIndexOf("successfully"))>0){
document.getElementById("addform").innerHTML = "";
document.getElementById("addform").innerHTML = "<div
id='notice' class='boxads4'>" + response + "</div>";
}
else{//ERROR
// Update ajaxTest content
document.getElementById("notice").innerHTML = response;
}
}
}

function viewPatient(pid, recno){
//document.cookie = "patientid="+pid+";";
//document.cookie = "recno="+recno+";";
newwindow = window.open('patientrecord.php?
&patientid='+pid+'&recno='+recno);
}

function reloadPage()
{
window.location.reload()
}
</script>

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
<script language="JavaScript">
alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
window.open('index.php',
'_self');
</script>
<?php
}
?>
<div class="content">
<div id="toph"></div>
<div id="header">
<div class="rside">
<div class="citation">
<h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
<?php echo
$_SESSION['clinicname']; ?></div>
</div>
<div class="lside"></div>
</div>
<div id="main">
<div class="center">
<h2>Add New Patient</h2>
<div id='addform'>
<i>Note: items marked with
<font color=#FF0000>*</font> are required
fields.</i><br><br>
<table width=90% frame=box>
<tr align="center"
bgcolor="#FFCC33">
<td><div
class='menu'><a href="#demographics">DEMOGRAPHICS<b>*</b></a></div>
</td><div
class='menu'><a href="#lupusdata">LUPUS
DATA<b>*</b></a></div></td>
<td><div
class='menu'><a href="#cc">CC*</a></div></td>
<td><div
class='menu'><a href="#" onClick="return clickreturnvalue()
onMouseover="dropdownmenu(this, event,
'anylinkmenu4')">HX</a></div>
<div id="anylinkmenu4" class="anylinkcss"
ALIGN=LEFT>
<a href="#hxpresent">hx of present
illness<b>*</b></a>
<a href="#birthdevt">birth and dev't hx</a>
<a href="#menstrual">menstrual hx</a>
<a href="#personalsocial">personal & social
hx</a>
<a href="#pastmedicalhx">past medical hx</a>
</div></td>

```

```

class='menu'><a
href="#"diseaseprev">DPM</a></div></td>
class='menu'><a href="#"ros">ROS</a></div></td>
class='menu'><a
href="#"physicalexam">PE</a></div></td>
class='menu'><a
href="#"casesummary">CS* </a></div></td>
    if($_SESSION['emptye']=="CLK"){
        echo "<td><div class='menu'><a
href='#attendingphy'>PHY* </a></div></td>";
    }
    </tr>
</table>
<br>
<div id='notice'
class='boxads4'></div>
<BR>
<div class='boxads2'>
    <form
name="parentform" method="get" action="#"
enctype="multipart/form-data">
        <A
NAME="demographics"><br><h2>Demographics <font
color=#FF0000><B>*</B></font></h2></a>
        <table
border=0 cellspacing=7>
            <tr><td width=18%><b>Name <font
color=#FF0000><B>*</B></font></td>
                <td><input type=text name="lname" id="lname"
size=15 value="last name">&nbsp;<input type=text
name="fname" id="fname"size=15 value="first
name">&nbsp;<input type=text name="mname"
id="mname" size=15 value="middle
name"><br></td></tr>
                <tr><td><b>Birthdate <font
color=#FF0000><B>*</B></font></td>
                    <td><input type=radio name='sex'
value='male'>Male
                        <input type=radio name='sex'
value='female'>Female
                    </td>
                </tr>
                <tr>
                    <td colspan=5><SELECT name="bmonth"
id="bmonth">
                        <OPTION value="" selected>
                        <OPTION value='01'>January
                        <OPTION value='02'>February
                        <OPTION value='03'>March
                        <OPTION value='04'>April
                        <OPTION value='05'>May
                        <OPTION value='06'>June
                        <OPTION value='07'>July
                        <OPTION value='08'>August
                        <OPTION value='09'>September
                        <OPTION value='10'>October
                        <OPTION value='11'>November
                        <OPTION value='12'>December
                    </td>
                </tr>
            </table>
        </form>
    </div>
</div>
</SELECT>
<SELECT name="bdate" id="bdate">
<?php
echo "<OPTION value="" selected>";
for($i=1; $i<=31; ++$i){
    echo "<OPTION VALUE='$i'>$i";
}
?>
</SELECT>
<SELECT name="byear" id="byear">
<?php
$year = date("Y");
echo "<OPTION value="" selected>";
for($j=($year-80); $j<=($year-18); ++$j)
{
    echo "<OPTION VALUE='$j'>$j";
}
?>
</SELECT>
</td>
</tr>
</table>
</div>

```

```

        <tr>
            <td><b>Address <font
color=#FF0000><B>*</B></font></td>
            <td><INPUT name="address" id="address"
size=60></td>
        </tr>
        <tr>
            <td><b>Mobile no.</td>
            <td><INPUT name="mobilen"
id="mobilen"></td>
        </tr>
        <tr>
            <td><b>Tel no.</td>
            <td><INPUT name="telno" id="telno"></td>
        </tr>
        <tr>
            <td><b>Ethnicity</td>
            <td><INPUT name="ethnicity"
id="ethnicity"></td>
        </tr>
        <tr>
            <td><b>Religion</td>
            <td><INPUT name="religion" id="religion"></td>
        </tr>
        <tr>
            <td><b>Occupation</td>
            <td><INPUT name="occupation"
id="occupation"></td>
        </tr>
    </table>
    <br><br>
    <A
NAME="lupusdata"><br><h2>Lupus Data <font
color=#FF0000><B>*</B></font></h2></a>
    <table
border=0 width=100%>
        <tr><td ><b>Age at Lupus diagnosis<font
color=#FF0000><B>*</B></font>:</b> <INPUT
name="lupusage" id="lupusage" size=3></td>
        <td ><b>Mo/yr of Lupus diagnosis<font
color=#FF0000><B>*</B></font>:</b> <SELECT
name="lupusmonth" id="lupusmonth">
            <OPTION value="" selected>
            <OPTION value='01'>January
            <OPTION value='02'>February
            <OPTION value='03'>March
            <OPTION value='04'>April

```

```

        <OPTION value='05'>May
        <OPTION value='06'>June
        <OPTION value='07'>July
        <OPTION value='08'>August
        <OPTION value='09'>September
        <OPTION value='10'>October
        <OPTION value='11'>November
        <OPTION value='12'>December
    </SELECT>
    <SELECT name="lupusyear"
id="lupusyear">
        <?php
        $year = date("Y");
        echo "<OPTION value="" selected>";
        for($j=($year-80); $j<=$year; ++$j){
            echo "<OPTION VALUE='$j'>$j";
        }
    ?>
    </SELECT>
</td></tr>
    <tr><td colspan=4><br><b>ACR criteria at Lupus
diagnosis<font
color=#FF0000><B>*</B></font></b></td></tr>
    <tr><td colspan=4>
        <table align=center cellspacing="10"
cellpadding="20%">
            <tr><td><input type=checkbox id=acr
value="malar rash">malar rash</td>
            <td><input type=checkbox id=acr
value="oral ulcers">oral ulcers</td>
            <td><input type=checkbox id=acr
value="discoid rash">discoid rash</td>
            <td><input type=checkbox id=acr
value="arthritis">arthritis</td></tr>
            <tr><td><input type=checkbox id=acr
value="serositis">serositis</td>
            <td><input type=checkbox id=acr
value="renal">renal</td>
            <td><input type=checkbox id=acr
value="neurologic">neurologic</td>
            <td><input type=checkbox id=acr
value="hematologic">hematologic</td></tr>
            <tr><td><input type=checkbox id=acr
value="serositis">photosensitivity</td>
            <td><input type=checkbox id=acr
value="renal">immunologic</td>

```

```

        <td colspan=2><input type=checkbox
id=acr value="neurologic">ANA titer <input type=text
id='anatiter' size=10></td></tr>

</table></td></tr>

<tr><td colspan=4><br><b>Laboratory tests at
Lupus diagnosis</td></tr>

<tr><td colspan=4>

<table align=center cellpadding=5'
cellpadding="10%" width=100%>

<tr><td><b><?php echo str_replace(' ', '&nbsp;';
str_pad("Hgb",5," ");?></b> <input type=text id='hgb'
size=3> g/L</td>

<td><b><?php echo str_replace(' ',
'&nbsp;'; str_pad("WBC",5," ");?></b> <input type=text
id='wbc' size=3> x 10<sup>9</sup>/L</td>

<td><b><?php echo str_replace(' ',
'&nbsp;'; str_pad("Plt",5," ");?></b> <input type=text
id='plt' size=3> x 10<sup>9</sup>/L</td>

<td><b><?php echo str_replace(' ',
'&nbsp;'; str_pad("ESR",5," ");?></b> <input type=text
id='esr' size=3> mm/hr</td></tr>

<tr><td><b>Urine:</b></td>

<td><b><?php echo str_replace(' ',
'&nbsp;'; str_pad("alb",8," ");?></b> <input type=text
id='alb' size=3></td>

<td><b>wbc</b> <input type=text
id='uwbc' size=3></td>

<td><b><?php echo str_replace(' ',
'&nbsp;'; str_pad("rbc",6," ");?></b> <input type=text
id='rbc' size=3> </td></tr>

<tr><td>&nbsp;</td>

<td><b>casts</b> <input type=text
id='casts' size=3> </td>

<td><b>Creatinine</b> <input
type=text id='crt' size=3>&mu;M/L</td>

<td><b><?php echo str_replace(' ',
'&nbsp;'; str_pad("C3",6," ");?></b> <input type=text
id='c3' size=3> g/L</td>

</tr>

</table></td></tr>

<tr><td colspan=4><br><b>Presenting
manifestations/ syndrome at Lupus diagnosis</td></tr>

<tr><td colspan=4>

<table align=center cellpadding=5'
cellpadding="10%" width=100%>

<tr><td><input type=checkbox id=lupusman
value="FUO"> FUO</td>

<td><input type=checkbox id=lupusman
value="GI"> GI</td>

<td><input type=checkbox id=lupusman
value="skin"> Skin</td>

<td><input type=checkbox id=lupusman
value="renal"> Renal</td></tr>

```

```

<tr><td><input type=checkbox id=lupusman
value="cardio"> Cardio</td>

<td><input type=checkbox id=lupusman
value="pulmo"> Pulmo</td>

<td><input type=checkbox id=lupusman
value="ITP"> ITP</td>

<td><input type=checkbox id=lupusman
value="hemolytic anemia"> Hemolytic anemia</td></tr>

<tr><td><input type=checkbox id=lupusman
value="RA-like"> RA-like</td>

<td><input type=checkbox id=lupusman
value="UCTD"> UCTD</td>

<td><input type=checkbox id=lupusman
value="APS"> APS</td>

<td>&nbsp;</td></tr>

</table></td></tr>

<br><br>
<A
NAME="cc"><br><h2>Chief Complaint <font
color=#FF0000><B>*</B></font></h2></a>
<textarea
cols="65" rows="2" name="chiefcomplaint"
id="chiefcomplaint"></textarea>
<br><br>
<A
NAME="hxpresent"><br><h2>History of Present Illness
<font color=#FF0000><B>*</B></font></h2></a>
<textarea
cols="65" rows="2" name="hxpresent"
id="hxpresentillness"></textarea>
<br><br>
<A
NAME="birthdev"><br><h2>Birth and Developmental
History</h2></a>
Feeding
<textarea cols="65" rows="2" name="birthanddevt"
id="birthanddevt"></textarea>
<br><br>
<A
NAME="menstrual"><br><h2>Menstrual History</h2></a>
<table
cellspacing=7>
<tr><td><b>Menarche-age</b></td><td><INPUT
name="menarcheage" id="menarcheage"></td></tr>
<tr><td><b>Menopause-age</b></td><td><INPUT
name="menopauseage" id="menopauseage"></td></tr>
<tr><td><b>Menstrual flow-
interval</b></td><td><INPUT name="mensinterval"
id="mensinterval"></td></tr>
<tr><td>&nbsp;&nbsp;&nbsp;<?php echo
str_replace(' ', '&nbsp;'; str_pad("Duration",12," ");?><INPUT
name="duration" id="duration"
size=10></td><td>&nbsp;&nbsp;&nbsp;<?php echo
str_replace(' ', '&nbsp;'; str_pad("Amount",10," ");?><INPUT
name="amount" id="amount" size=10></td></tr>
<tr><td>&nbsp;&nbsp;&nbsp;<?php echo
str_replace(' ', '&nbsp;'; str_pad("LMP",15," ");?><INPUT
name="lmp" id="lmp"
size=10></td><td>&nbsp;&nbsp;&nbsp;<?php echo
str_replace(' ', '&nbsp;'; str_pad("PMP",12," ");?><INPUT
name="pmp" id="pmp" size=10></td></tr>
</table>
<br><br>

```



```

$address = $_GET['address']; if(empty($address)) $empty.="
address <br>";
$civilstat = $_GET['civilstatus'];
$ethnicity = $_GET['ethnicity'];
$religion = $_GET['religion'];
$occupation = $_GET['occupation'];

$cc = $_GET['cc']; $cc = str_replace("","",$cc);
if(empty($cc)) $empty.=" chief complaint <br>";
$hxpres = $_GET['hxpres']; $hxpres = str_replace("","",$hxpres);
if(empty($hxpres)) $empty.=" history of present
illness <br>";
$subj = $_GET['subj']; $subj = str_replace("","",$subj);
if(empty($subj)) $empty.=" subjective data <br>";
$obj = $_GET['obj']; $obj = str_replace("","",$obj);
if(empty($obj)) $empty.=" objective data <br>";
$assessment=$_GET['assessment']; $assessment =
str_replace("","",$assessment); if(empty($assessment))
$empty.=" assessment <br>";
$plans=$_GET['plans']; $plans = str_replace("","",$plans);
if(empty($plans)) $empty.=" plans <br>";
//lupus data
$lupusage=$_GET['lupusage']; if(empty($lupusage))
$empty.=" age at lupus diagnosis <br>";
$lupusmonth=$_GET['lupusmonth']; if(empty($lupusmonth))
$empty.=" month of lupus diagnosis <br>";
$lupusyear=$_GET['lupusyear']; if(empty($lupusyear))
$empty.=" year of lupus diagnosis <br>";
$acr=$_GET['acr']; if(empty($acr)) $empty.=" ACR criteria
at lupus diagnosis <br>";
$hgb=$_GET['hgb'];$alb=$_GET['alb']; $crt=$_GET['crt'];
$wbc=$_GET['wbc']; $uwbc=$_GET['uwbc'];
$c3=$_GET['c3'];
$plt=$_GET['plt']; $rbc=$_GET['rbc'];
$esr=$_GET['esr']; $casts=$_GET['casts'];
$lupusman=$_GET['lupusman'];

if($empty!=""){//at least one of the required fields is empty
echo "<b>Please fill-out the following required fields
</b><br>" . $empty ;
}
ELSE{// RETRIEVE OTHER VALUES THEN INSERT INTO DBASE
$birthdate = $byear."-".$bmonth."-".$bday;
$wholenam = strtoupper($fname.$mname.$lname);
$wholenam=str_replace(" ","",$wholenam);
$patientname = $lname." ".$fname." ". substr($mname,
0,1).".";
$lupusdate=$lupusmonth."/".$lupusyear;

$birthdevt = $_GET['birthdevt'];
$mensalrt="Integer input is expected in.";
$menage = $_GET['menage']; if(is_int($menage))
$mensalrt.=" MENARCHE-AGE<br>";
$menoage = $_GET['menoage']; if(is_int($menoage))
$mensalrt.=" MENOPAUSE-AGE<br>";
$mensint = $_GET['mensint'];
$duration = $_GET['duration'];
$amount = $_GET['amount'];
$imp = $_GET['imp'];
$pmp = $_GET['pmp'];

$diets = $_GET['diets'];
$habits = $_GET['habits'];
$hobbies = $_GET['hobbies'];
$disalrt="Integer input is expected in.";
$diphtheria = $_GET['diphtheria']; if(is_int($diphtheria))
$disalrt.=" DIPHTHERIA<br>";
$pertussis = $_GET['pertussis']; if(is_int($pertussis))
$disalrt.=" PERTUSSIS<br>";
$tetanus = $_GET['tetanus']; if(is_int($tetanus)) $disalrt.="
TETANUS<br>";
$polio = $_GET['polio']; if(is_int($polio)) $disalrt.="
POLIO<br>";
$hepa = $_GET['hepa']; if(is_int($hepa)) $disalrt.="
HEPATITIS<br>";
$measles = $_GET['measles']; if(is_int($measles)) $disalrt.="
MEASLES<br>";
$mumps = $_GET['mumps']; if(is_int($mumps)) $disalrt.="
MUMPS<br>";

$rubella = $_GET['rubella']; if(is_int($rubella )) $disalrt.="
RUBELLA<br>";
$influenza = $_GET['influenza']; if(is_int($influenza))
$disalrt.=" INFLUENZA<br>";
$regmed = $_GET['regmed'];
$regblood = $_GET['regblood'];
$regbloodresults = $_GET['regbloodresults'];

$allergies = $_GET['allergies'];
$illnesses = $_GET['illnesses'];
$operations = $_GET['operations'];
$transfusions = $_GET['transfusions'];
$injuries = $_GET['injuries'];
$medications = $_GET['medications'];
$adversedrug = $_GET['adversedrug'];

$general = $_GET['general'];
$eyes = $_GET['eyes'];
$ent = $_GET['ent'];
$resp = $_GET['resp'];
$heart = $_GET['heart'];
$gastro = $_GET['gastro'];
$genito = $_GET['genito'];
$musculo = $_GET['musculo'];
$skinbreast = $_GET['skinbreast'];
$neurologic = $_GET['neurologic'];
$psychiatric = $_GET['psychiatric'];
$endocrine = $_GET['endocrine'];
$hematologic = $_GET['hematologic'];

$height = $_GET['height'];
$weight = $_GET['weight'];
$bp = $_GET['bp'];
$temp = $_GET['temp'];
$pulserate = $_GET['pulserate'];
$resprate = $_GET['resprate'];
$gensurvey = $_GET['gensurvey'];
$skinexam = $_GET['skinexam'];
$heent = $_GET['heent'];
$mobility = $_GET['mobility'];
$lymphnodes = $_GET['lymphnodes'];
$thyroid = $_GET['thyroid'];
$othermasses = $_GET['othermasses'];
$breastexam = $_GET['breastexam'];
$thorax = $_GET['thorax'];
$pulses = $_GET['pulses'];
$abdomen = $_GET['abdomen'];
$genitourinaryexam = $_GET['genitourinaryexam'];
$musculoskeletalexam = $_GET['musculoskeletalexam'];
$mentalstat = $_GET['mentalstat'];
$cranial = $_GET['cranial'];
$gait = $_GET['gait'];
$motor = $_GET['motor'];
$coord = $_GET['coord'];
$sensory = $_GET['sensory'];
$superficial = $_GET['superficial'];
$deeptendon = $_GET['deeptendon'];
$abnormal = $_GET['abnormal'];

//INSERT INTO PATIENT
$qry_result = mysql_query("SELECT * FROM PATIENT WHERE
WHOLENAME='$wholenam'");
if((mysql_num_rows($qry_result) == 0)) {/unique new
patient, no record yet
$patient = mysql_query("INSERT INTO PATIENT (PATNUM ,
WHOLENAME, PATIENTID, PATFNAME, PATMNAME, PATLNAME,
SEX, BIRTHDATE, MOBILENO, TELNO, ADDRESS,CIVILSTAT,
ETHNICITY, RELIGION, OCCUPATION) VALUES( '$patnum',
'$wholenam','$patientid', '$fname', '$mname', '$lname',
'$sex',
'$birthdate','$mobileno','$telno','$address','$civilstat','$ethnici
ty','$religion','$occupation')") or die(mysql_error());

$lupusdata = mysql_query("INSERT INTO LUPUSDATA
(LUPUS_PID, LUPUSAGE,LUPUSDATE,ACR, HGB, WBC, PLT,
ESR, ALB, UWBC, RBC, CASTS, CRT, C3, LUPUSMAN,
LUPUS_STAMP) VALUES( '$patientid', '$lupusage','$lupusdate',
'$acr', '$hgb', '$wbc', '$plt',

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```

'esr','$alb','$uwbc','$rbc','$casts','$scr','$c3','$lupusman','$sti
mestamp)");

if($_SESSION['emtype']=='CLK'){
    $medcons =
mysql_query("INSERT INTO MED_CONS
              (MED_RECNO ,
MED_PID, MED_EMPNAME, MED_STAT, MED_TIMESTAMP,
CHIEF_COMPLAINT, HXPRESIDENTILLNESS, CLERK)
              VALUES( '$recno',
'$patientid', '$docname', '$mode', '$timestamp', '$cc',
'$hxpres', '$empname' )") or die(mysql_error());
    }
    else{
        $medcons =
mysql_query("INSERT INTO MED_CONS
              (MED_RECNO ,
MED_PID, MED_EMPNAME, MED_STAT, MED_TIMESTAMP,
CHIEF_COMPLAINT, HXPRESIDENTILLNESS, CLERK)
              VALUES( '$recno',
'$patientid', '$empname', '$mode', '$timestamp', '$cc',
'$hxpres', '')") or die(mysql_error());
    }

$soap = mysql_query("INSERT INTO CASESUMMARY (CS_PID,
CS_RECNO, SUBJECTIVE, OBJECTIVE, ASSESSMENT, PLANS,
CS_STAMP) VALUES( '$patientid', '$recno', '$subj',
'$obj', '$assessment', '$plans', '$timestamp' )");

if(!empty($birthdevt)){
    $bdevt = mysql_query("INSERT INTO BIRTHDEVT (BIRTH_PID,
BIRTH_RECNO, FEEDINGHX, BIRTH_STAMP)
VALUES( '$patientid', '$recno', '$birthdevt', '$timestamp' )");}

if(!empty($menage) or !empty($menorage) or !
empty($mensint) or !empty($duration) or !
empty($amount) or !empty($lmp) or !empty($pmp)){//at least
one of them is not empty
if(strlen($mensalrt)==29){
    $menstrual = mysql_query("INSERT INTO MENSTRUALHX
(MENS_PID, MENARCHEAGE, MENOPAUSEAGE, MENS_FLOWINT,
MENS_DURATION, MENS_AMOUNT, LMP, PMP, MENS_STAMP,
MENS_RECNO) VALUES( '$patientid', '$menage', '$menorage',
'$mensint', '$duration', '$amount', '$lmp', '$pmp',
'$timestamp', '$recno' )");}
else echo "$mensalrt";
}

if(!empty($diets) or !empty($habits) or !empty($hobbies)){//at
least one of them is not empty
$personal = mysql_query("INSERT INTO PERSONALSOCIALHX
(PER_PID , DIETS, HABITS, HOBBIES, PER_STAMP, PER_RECNO)
VALUES( '$patientid', '$diets', '$habits', '$hobbies',
'$timestamp', '$recno' )");
}

if(!empty($diphtheria) or !empty($pertussis) or !
empty($tetanus) or !empty($tetanus) or !empty($polio) or !
empty($hepa) or !empty($measles) or !empty($mumps) or !
empty($rubella) or !empty($influenza) or !empty($regmed)
or !empty($regblood) or !empty($regbloodresults )){//at least
one of them is not empty
if(strlen($disalrt)==29){
    $disease = mysql_query("INSERT INTO DISEASEPREV (DIS_PID
,DIPHTHERIA, PERTUSSIS, TETANUS, POLIO, HEPATITIS, MEASLES,
MUMPS, RUBELLA, INFLUENZA, MEDVISITS , BLOODTEST,
TESTRESULTS, DIS_STAMP, DIS_RECNO) VALUES( '$patientid',
'$diphtheria', '$pertussis', '$tetanus', '$polio', '$hepa',
'$measles', '$mumps', '$rubella', '$influenza', '$regmed',
'$regblood', '$regbloodresults', '$timestamp', '$recno' )");
}
else echo "$disalrt";
}

if(!empty($allergies) or !empty($illnesses) or !
empty($operations) or !empty($transfusions) or !
empty($injuries) or !empty($medications) or !
empty($adversedrug)){//at least one of them is not empty
    $pastmed = mysql_query("INSERT INTO PASTMEDHX
(PAST_PID ,ALLERGIES,ILLNESSES,OPERATIONS,
TRANSFUSIONS, INJURIES, MEDICATIONS, ADVERSEDUG,
PAST_STAMP, PAST_RECNO)
VALUES( '$patientid', '$allergies', '$illnesses', '$operations',
'$transfusions', '$injuries', '$medications', '$adversedrug',
'$timestamp', '$recno' )");
}

if(!empty($general) or !empty($eyes) or !empty($ent) or !
empty($resp) or !empty($heart)
or !empty($gastro) or !empty($genito) or !empty($musculo) or
!empty($skinbreast) or !empty($neurologic) or !
empty($psychiatric) or !empty($endocrine) or !
empty($hematologic)){//at least one of them is not empty
    $ros = mysql_query("INSERT INTO ROS (ROS_PID
,ROS_RECNO, GENERALSURV, EYES, ENT, HEART, RESPIRATORY,
GASTROINTESTINAL, GENITOURINARY, MUSCULOSKELETAL,
SKINBREAST, NEUROLOGIC , PSYCHIATRIC, ENDOCRINE,
HEMATOLOGIC, ROS_STAMP) VALUES( '$patientid',
'$recno', '$general', '$eyes', '$ent', '$resp', '$gastro',
'$genito', '$musculo', '$skinbreast', '$neurologic',
'$psychiatric', '$endocrine', '$hematologic', '$timestamp' )");
}

if(!empty($height) or !empty($weight) or !empty($bp) or !
empty($temp) or !empty($pulserate) or !empty($resprate) or !
empty($gensurvey) or !empty($skinexam) or !empty($heent)
or !empty($mobility) or !empty($lymphnodes) or !
empty($thyroid) or !empty($othermasses) or !
empty($breastexam) or !empty($thorax) or !empty($pulses)
or !empty($abdomen) or !empty($genitourinaryexam) or !
empty($musculoskeletalexam) or !empty($mentalstat) or !
empty($cranial) or !empty($gait) or !empty($motor) or !
empty($coord) or !empty($superficial) or !
empty($deeptendon) or !empty($abnormal)){//at least one of
them is not empty
    $pe = mysql_query("INSERT INTO PHYSICALEXAM (PHY_PID
,PHY_RECNO, WEIGHT, HEIGHT, BP, TEMP, PULSERATE,
RESPRATE, GENSURVEY, SKIN, HEENT, MOBILITY, LYMPH,
THYROID, OTHERMASSES, BREAST, THORAX, PULSES,
ABDOMEN, GENURINARY, MUSCULO, MENTALSTAT,
CRANIALNERVES, GAITSTATION, MOTOR, COORDINATION,
SENSORY, SUPERFICIAL, DEEPTENDON, ABNORMAL,
PHY_STAMP)
VALUES( '$patientid', '$recno', '$weight', '$height', '$bp',
'$temp', '$pulserate', '$resprate', '$gensurvey', '$skinexam',
'$heent', '$mobility', '$lymphnodes', '$thyroid',
'$othermasses', '$breastexam', '$thorax', '$pulses',
'$abdomen', '$genitourinaryexam', '$musculoskeletalexam',
'$mentalstat', '$cranial', '$gait', '$motor', '$coord', '$sensory',
'$superficial', '$deeptendon', '$abnormal', '$timestamp' )");
}

?> <div><BR>You have successfully added a <label
id='viewme' onClick='viewPatient('<?echo $patientid;?>', '<?
echo $recno;?>')">new consultation
record</label>. <br><br>
<?
if($mode=="DRAFT"){
//AUDIT TRAIL
    $audittrail = mysql_query("INSERT INTO AUDIT (AUDITUSERID,
AUDITRECNO, AUDITDETAILS, AUDITSTAMP)
VALUES('$username', '$recno', 'Added a draft medical
record.', '$timestamp' )");
}

if($mode=="FINAL"){
//AUDIT TRAIL
    $audittrail = mysql_query("INSERT INTO AUDIT (AUDITUSERID,
AUDITRECNO, AUDITDETAILS, AUDITSTAMP)
VALUES('$username', '$recno', 'Added a final medical
record.', '$timestamp' )");
?>

Click here to schedule your patient for a <label id='viewme'
onClick='setCheckup('<?echo $patientid;?>', '<?echo
$recno;?>')">check-up</label>.

```

```

<?> //end of mode=final?> <div
id=schedule></div></div>
<?php
}
else{
echo "<br>ERROR: Your transaction cannot be processed.
There is an existing record of $fname $mname $lname
.<br><br>";
exit();
}
}
?>

```

oldpatient.php

```

?>
<?php
    session_start();
    require'config.php';

    connectdatabase('LUCIS');

?>

<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
"images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
    <script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>

<body>
<script type="text/javascript"
src="css/jsfunctions.js"></script> <!--JAVASCRIPT
FUNCTIONS IN HERE-->
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script language="JavaScript" type="text/javascript">
function createRequestObject() {
var req;
if(window.XMLHttpRequest){// Firefox, Safari, Opera...
req = new XMLHttpRequest();
} else if(window.ActiveXObject) { // Internet Explorer 5+
req = new ActiveXObject("Microsoft.XMLHTTP");
} else { // There is an error creating the object,
// just as an old browser is being used.
alert('Problem creating the XMLHttpRequest object');
}
return req;
}

var http = createRequestObject();

function searchReq() {

document.getElementById("displayerror").innerHTML = "";
var pid= document.getElementById('pid1').value
+"-"+document.getElementById('pid2').value;
    var pname =
document.getElementById('pname').value;
    var flag=0;
    if( (pid.length==1)&& (pname=="")){//both are
empty-> output error message

document.getElementById("displayerror").innerHTML =
"ERROR: Please fill out the patient's ID or name.";
        flag=1;
    }
    if((pid.length<10) && (pid.length>1)){//incomplete
id

```

```

document.getElementById("displayerror").innerHTML =
"ERROR: Please complete the patient's ID.";
        flag=1;
    }
    if(flag==0){
        var query = "?&pid=" + pid + "&pname="
+ pname;
        //alert(query);
        http.open('get', 'ajax-
searchpatient.php?' + query);
        http.onreadystatechange =
handlesearchReq;
        http.send(null);
    }
}

function handlesearchReq() {
    if(http.readyState == 4 && http.status == 200){
        var response = http.responseText;
        if((response.lastIndexOf("ERROR:")<0){//correct

document.getElementById("search").innerHTML = response;
        }
        else{//ERROR
// Update ajaxTest content

document.getElementById("displayerror").innerHTML =
response;
        }
    }
}

function sendRequest(mode) { //draft and final only
//DEMOGRAPHICS
var flag=0;
if(mode=='DRAFT') flag=1;
if(mode=='FINAL'){
    var input_box=confirm("Are you sure you
want to save this consultation record as final? \n"+
"Finalized records
cannot be edited anymore.\n\n" + "Click OK to continue.");
    if (input_box==true){ // Output when OK
is clicked
        flag=1;
    }
}
if(flag==1){
    var lname =
document.getElementById('lname').value;
    var mname =
document.getElementById('mname').value;
    var fname =
document.getElementById('fname').value;
    var bdate =
document.getElementById('bdate').value;
    var bmonth =
document.getElementById('bmonth').value;
    var byear =
document.getElementById('byear').value;
    var sex =
document.getElementById('sex').value;
    var address =
document.getElementById('address').value;
    var civilstatus =
document.getElementById('civilstatus').value;
    var mobileno =
document.getElementById('mobileno').value;
    var telno =
document.getElementById('telno').value;
    var ethnicity =
document.getElementById('ethnicity').value;
    var religion =
document.getElementById('religion').value;
    var occupation =
document.getElementById('occupation').value;

```

```

        var chiefcomplaint =
document.getElementById('chiefcomplaint').value;
//CHIEF COMPLAINT
        var hxpresentillness =
document.getElementById('hxpresentillness').value;
//HX OF PRESENT ILLNESS
        var birthdevt =
document.getElementById('birthanddevt').value;
        var menarcheage =
document.getElementById('menarcheage').value;
        var menopauseage =
document.getElementById('menopauseage').value;
        var mensinterval =
document.getElementById('mensinterval').value;
        var duration =
document.getElementById('duration').value;
        var amount =
document.getElementById('amount').value;
        var lmp =
document.getElementById('lmp').value;
        var pmp =
document.getElementById('pmp').value;
//PERSONAL AND SOCIAL HX
        var diets =
document.getElementById('diets').value;
        var habits =
document.getElementById('habits').value;
        var hobbies =
document.getElementById('hobbies').value;
//DISEASE PREVENTION MEASURES
        var diphtheria =
document.getElementById('diphtheria').value;
        var pertussis =
document.getElementById('pertussis').value;
        var tetanus =
document.getElementById('tetanus').value;
        var polio =
document.getElementById('polio').value;
        var hepa =
document.getElementById('hepa').value;
        var measles =
document.getElementById('measles').value;
        var mumps =
document.getElementById('mumps').value;
        var rubella =
document.getElementById('rubella').value;
        var influenza =
document.getElementById('influenza').value;
        var regmed =
document.getElementById('regmed').value;
        var regblood =
document.getElementById('regblood').value;
        var regbloodresults =
document.getElementById('regbloodresults').value;
//PAST MEDICAL HISTORY
        var allergies =
document.getElementById('allergies').value;
        var illnesses =
document.getElementById('illnesses').value;
        var operations =
document.getElementById('operations').value;
        var transfusions =
document.getElementById('transfusions').value;
        var injuries =
document.getElementById('injuries').value;
        var medications =
document.getElementById('medications').value;
        var adversedrug =
document.getElementById('adversedrug').value;
//REVIEW OF SYSTEMS
        var general =
document.getElementById('general').value;
        var eyes =
document.getElementById('eyes').value;
        var ent =
document.getElementById('ent').value;
        var respiratory =
document.getElementById('respiratory').value;

```

```

        var heart =
document.getElementById('heart').value;
        var gastrointestinal =
document.getElementById('gastrointestinal').value;
        var genitourinary =
document.getElementById('genitourinary').value;
        var musculoskeletal =
document.getElementById('musculoskeletal').value;
        var skinbreast =
document.getElementById('skinbreast').value;
        var neurologic =
document.getElementById('neurological').value;
        var psychiatric =
document.getElementById('psychiatric').value;
        var endocrine =
document.getElementById('endocrine').value;
        var hematologic =
document.getElementById('hematologic').value;
//PHYSICAL EXAM
        var height =
document.getElementById('height').value;
        var weight =
document.getElementById('weight').value;
        var bp =
document.getElementById('bp').value;
        var temp =
document.getElementById('temp').value;
        var pulserate =
document.getElementById('pulserate').value;
        var resprate =
document.getElementById('resprate').value;
        var gensurvey =
document.getElementById('gensurvey').value;
        var skinexam =
document.getElementById('skinexam').value;
        var heent =
document.getElementById('heent').value;
        var mobility =
document.getElementById('mobility').value;
        var lymphnodes =
document.getElementById('lymphnodes').value;
        var thyroid =
document.getElementById('thyroid').value;
        var othermasses =
document.getElementById('othermasses').value;
        var breastexam =
document.getElementById('breastexam').value;
        var thorax =
document.getElementById('thorax').value;
        var pulses =
document.getElementById('pulses').value;
        var abdomen =
document.getElementById('abdomen').value;
        var genitourinaryexam =
document.getElementById('genitourinaryexam').value;
        var musculoskeletalexam =
document.getElementById('musculoskeletalexam').value;
        var mentalstat =
document.getElementById('mentalstat').value;
        var cranialnerves =
document.getElementById('cranialnerves').value;
        var gait =
document.getElementById('gait').value;
        var motor =
document.getElementById('motor').value;
        var coord =
document.getElementById('coord').value;
        var sensory =
document.getElementById('sensory').value;
        var superficial =
document.getElementById('superficial').value;
        var deeptendon =
document.getElementById('deeptendon').value;
        var abnormal =
document.getElementById('abnormal').value;
//CASE SUMMARY
        var subjective =
document.getElementById('subjective').value;

```

```

        var objective =
document.getElementById('objective').value;
        var assessment =
document.getElementById('assessment').value;
        var plans =
document.getElementById('plans').value;

        var queryString = "?&method=" + mode
+ "&lname=" + lname + "&mname=" + mname +
"&fname=" + fname + "&bdate=" + bdate + "&bmonth=" +
bmonth + "&byear=" + byear + "&sex=" + sex +
"&address=" + address + "&civilstatus=" + civilstatus +
"&mobileno=" + mobileno + "&telno=" + telno +
"&ethnicity=" + ethnicity + "&occupation=" + occupation +
"&religion=" + religion + "&ccc=" + chiefcomplaint + "&hxpres="
+ hxpresentillness + "&birthdevt=" + birthdevt +
"&menage=" + menarcheage + "&menoage=" +
menopauseage + "&mensinterval=" +
mensinterval + "&duration=" + duration + "&amount=" + amount + "&imp="
+ lmp + "&pmp=" + pmp +
        "&diets=" + diets + "&habits="
+ habits + "&hobbies=" + hobbies +
"&diphtheria=" + diphtheria + "&pertussis=" + pertussis + "&tetanus
=" + tetanus + "&polio=" + polio + "&hepa=" + hepa + "&measles="
+ measles + "&mumps=" + mumps + "&rubella=" + rubella +
"&influenza=" + influenza + "&regmed=" + regmed +
"&regblood=" + regblood + "&regbloodresults=" + regbloodresult
s + "&allergies=" + allergies + "&illnesses=" + illnesses + "&operati
ons=" + operations + "&transfusions=" + transfusions + "&injuries
=" + injuries + "&medications=" + medications + "&adversedrug="
+ adversedrug +
        "&general=" + general + "&eyes=" + eyes + "&ent=" + e
nt + "&resp=" + respiratory + "&heart=" + heart + "&gastro=" + gas
trointestinal + "&genito=" + genitourinary + "&musculo=" + musc
uloskeletal + "&skinbreast=" + skinbreast + "&neurologic=" + neu
rologic + "&psychiatric=" + psychiatric + "&endocrine=" + endocri
ne + "&hematologic=" + hematologic + "&height=" + height + "&w
eight=" + weight + "&bp=" + bp + "&temp=" + temp + "&pulserate
=" + pulserate + "&resprate=" + resprate + "&gensurvey=" + gens
urvey + "&skinexam=" + skinexam + "&heent=" + heent + "&mobil
ity=" + mobility + "&lymphnodes=" + lymphnodes + "&thyroid="
+ thyroid + "&othermasses=" + othermasses + "&breastexam="
+ breastexam + "&thorax=" + thorax + "&pulses=" + pulses + "&ab
domen=" + abdomen + "&genitourinaryexam=" + genitourinarye
xam + "&musculoskeletalexam=" + musculoskeletalexam + "&m
entalstat=" + mentalstat + "&cranial=" + cranialnerves + "&gait="
+ gait + "&motor=" + motor + "&coord=" + coord + "&sensory="
+ sensory + "&superficial=" + superficial + "&deeptendon=" + deept
endon + "&abnormal=" + abnormal + "&subj=" + subjective + "&ob
j=" + objective + "&assessment=" + assessment + "&plans=" + pla
ns;

        http.open('get', 'ajax-
addpatient.php?' + queryString);
        http.onreadystatechange =
handleResponse;
        http.send(null);
    }

function handleResponse() {
if(http.readyState == 4 && http.status == 200){
// Text returned from PHP script
var response = http.responseText;
        if((response.lastIndexOf("ERROR:"))<0){//correct
document.getElementById("notice").innerHTML =
response;
}
        else{//ERROR
// Update ajaxTest content

        document.getElementById("notice").innerHTML =
response;
}
}
}

function reloadPage()
{
window.location.reload()
}

```

```

}

function openNew(pid) {
    document.cookie = "pid="+pid+";";
    newwindow =
window.open('oldpatient2.php','_self');
    //set cookie for patient id
}

</script>

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
        <script language="JavaScript">
alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
        window.open('index.php',
'_self');
    </script>
<?php
}
?>
<div class="content">
    <div id="toph"></div>
    <div id="header">
        <div class="rside">
            <div class="citation">
                <h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
                <?php echo
$_SESSION['clinicname']; ?></div>
            </div>
            <div class="lside"></div>
        </div>
        <div id="main">
            <div class="center">
                <h2>Add Old
Patient</h2><br>
                <div id='search' class='select'
align=left>
                    <form action="#"
id="form1" method="post">
                        Please enter the
patient's ID or last name.<br><br>
                        <div id='displayerror'
class='error'></div>
                        <table align=center>
                            <tr><td>Patient's ID </td><td><input
type='text' id='pid1' maxlength=5 size=5> - <input
type='text' id='pid2' maxlength=4 size=4> <I>(eg. UST08-
***)</i></td></tr>
                            <tr><td>Last name </td><td><input type='text'
id='pname'></td></tr>
                        </table>
                        <br><br>
                        <input
type='button' value="Search" id="searchpat"
onClick="searchReq();">
                    </form>
                </div>
            </div>
            <div class="padding"
align="center">
                <?php showIcons();?>
            <br>
            <hr>
            </div>
            <div class="padding">
                <h2>Funtionalities</h2>
            </div>

```



```

        <div class="nav">
            <?php
showMenu($_SESSION["emptype"]); ?>
            </div></div></div></div>
        <br /> <br />
        <div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
</div>
</body>
</html>

```

oldpatient2.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');
    $PID = $_COOKIE["pid"];
    $qry_result = mysql_query("SELECT * FROM
PATIENT WHERE PATIENTID='$PID'");
    if((mysql_num_rows($qry_result) == 0)) {
        echo "ERROR: An unexpected error
occured. Patient information cannot be retrieved.";
    }
    else{
        while ($row =
mysql_fetch_array($qry_result, MYSQL_NUM)) {
            $patientname = " $row[5],
$row[3] $row[4]";
            $sex = $row[6];
            $birthdate = $row[7];
            $mobilen0 = $row[8];
            $telno = $row[9];
            $address = $row[10];
        }
        mysql_free_result($qry_result);
    }
    $qry_result1 = mysql_query("SELECT MED_RECNO,
MED_STAT FROM MED_CONS WHERE MED_PID='$PID'");
    $i=-1;
    if((mysql_num_rows($qry_result1)> 0)) {
        while ($row =
mysql_fetch_array($qry_result1, MYSQL_NUM)) {
            $i++;
            $consultations[$i]=$row[0];
            $constatus[$i]=$row[1];
        }
        mysql_free_result($qry_result1);
    }
?>

<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
"images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
    <script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>

<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script type="text/javascript"
src="css/jsfunctions.js"></script>
<script language="JavaScript" type="text/javascript">

function createRequestObject() {
var req;
if(window.XMLHttpRequest){// Firefox, Safari, Opera...
req = new XMLHttpRequest();

```

```

} else if(window.ActiveXObject) {// Internet Explorer 5+
req = new ActiveXObject("Microsoft.XMLHTTP");
} else {
// There is an error creating the object,
// just as an old browser is being used.
alert('Problem creating the XMLHttpRequest object');
}
return req;
}

var http = createRequestObject();

function sendRequest(mode) {//draft and final only
//DEMOGRAPHICS
var flag=0;
if(mode=='DRAFT') flag=1;
if(mode=='FINAL'){
    var input_box=confirm("Are you sure you
want to save this consultation record as final? \n"+
"Finalized records
cannot be edited anymore.\n\n" + "Click OK to continue.");
    if (input_box==true){ // Output when OK
        is clicked
            flag=1;
        }
    }
    if(flag==1){
var clerkornot=document.getElementById('clerkornot').value;
var docname="";
if(clerkornot=='T'){

docname=document.getElementById('attphy').value;
}
//demographics
var civilstat =
document.getElementById('civilstat').value;
var address =
document.getElementById('address').value;
var mobileno =
document.getElementById('mobileno').value;
var telno =
document.getElementById('telno').value;
var occupation =
document.getElementById('occupation').value;

var chiefcomplaint =
document.getElementById('chiefcomplaint').value;
//CHIEF COMPLAINT
var hxpresentillness =
document.getElementById('hxpresentillness').value;
//HX OF PRESENT ILLNESS
var birthdevt =
document.getElementById('birthanddevt').value;
var menarcheage =
document.getElementById('menarcheage').value;
var menopauseage =
document.getElementById('menopauseage').value;
var mensinterval =
document.getElementById('mensinterval').value;
var duration =
document.getElementById('duration').value;
var amount =
document.getElementById('amount').value;
var lmp =
document.getElementById('lmp').value;
var pmp =
document.getElementById('pmp').value;
//PERSONAL AND SOCIAL HX
var diets =
document.getElementById('diets').value;
var habits =
document.getElementById('habits').value;
var hobbies =
document.getElementById('hobbies').value;
//DISEASE PREVENTION MEASURES
var diptheria =
document.getElementById('diptheria').value;

```

```

        var pertussis =
document.getElementById('pertussis').value;
        var tetanus =
document.getElementById('tetanus').value;
        var polio =
document.getElementById('polio').value;
        var hepa =
document.getElementById('hepa').value;
        var measles =
document.getElementById('measles').value;
        var mumps =
document.getElementById('mumps').value;
        var rubella =
document.getElementById('rubella').value;
        var influenza =
document.getElementById('influenza').value;
        var regmed =
document.getElementById('regmed').value;
        var regblood =
document.getElementById('regblood').value;
        var regbloodresults =
document.getElementById('regbloodresults').value;
        //PAST MEDICAL HISTORY
        var allergies =
document.getElementById('allergies').value;
        var illnesses =
document.getElementById('illnesses').value;
        var operations =
document.getElementById('operations').value;
        var transfusions =
document.getElementById('transfusions').value;
        var injuries =
document.getElementById('injuries').value;
        var medications =
document.getElementById('medications').value;
        var adversedrug =
document.getElementById('adversedrug').value;
        //REVIEW OF SYSTEMS
        var general =
document.getElementById('general').value;
        var eyes =
document.getElementById('eyes').value;
        var ent =
document.getElementById('ent').value;
        var respiratory =
document.getElementById('respiratory').value;
        var heart =
document.getElementById('heart').value;
        var gastrointestinal =
document.getElementById('gastrointestinal').value;
        var genitourinary =
document.getElementById('genitourinary').value;
        var musculoskeletal =
document.getElementById('musculoskeletal').value;
        var skinbreast =
document.getElementById('skinbreast').value;
        var neurologic =
document.getElementById('neurological').value;
        var psychiatric =
document.getElementById('psychiatric').value;
        var endocrine =
document.getElementById('endocrine').value;
        var hematologic =
document.getElementById('hematologic').value;
        //PHYSICAL EXAM
        var height =
document.getElementById('height').value;
        var weight =
document.getElementById('weight').value;
        var bp =
document.getElementById('bp').value;
        var temp =
document.getElementById('temp').value;
        var pulserate =
document.getElementById('pulserate').value;
        var resprate =
document.getElementById('resprate').value;
        var gensurvey =
document.getElementById('gensurvey').value;

        var skinexam =
document.getElementById('skinexam').value;
        var heent =
document.getElementById('heent').value;
        var mobility =
document.getElementById('mobility').value;
        var lymphnodes =
document.getElementById('lymphnodes').value;
        var thyroid =
document.getElementById('thyroid').value;
        var othermasses =
document.getElementById('othermasses').value;
        var breastexam =
document.getElementById('breastexam').value;
        var thorax =
document.getElementById('thorax').value;
        var pulses =
document.getElementById('pulses').value;
        var abdomen =
document.getElementById('abdomen').value;
        var genitourinaryexam =
document.getElementById('genitourinaryexam').value;
        var musculoskeletalexam =
document.getElementById('musculoskeletalexam').value;
        var mentalstat =
document.getElementById('mentalstat').value;
        var cranialnerves =
document.getElementById('cranialnerves').value;
        var gait =
document.getElementById('gait').value;
        var motor =
document.getElementById('motor').value;
        var coord =
document.getElementById('coord').value;
        var sensory =
document.getElementById('sensory').value;
        var superficial =
document.getElementById('superficial').value;
        var deeptendon =
document.getElementById('deeptendon').value;
        var abnormal =
document.getElementById('abnormal').value;
        //CASE SUMMARY
        var subjective =
document.getElementById('subjective').value;
        var objective =
document.getElementById('objective').value;
        var assessment =
document.getElementById('assessment').value;
        var plans =
document.getElementById('plans').value;

        var queryString = "?&method=" + mode
+ "&cc=" + chiefcomplaint + "&hxpres=" + hxpresentillness
+ "&birthdevt=" + birthdevt + "&menage=" + menarcheage
+
        "&menoage=" + menopauseage
+ "&mensint=" + mensinterval + "&duration=" + duration +
"&amount=" + amount + "&imp=" + lmp + "&pmp=" + pmp
+
        "&diets=" + diets + "&habits="
+ habits+ "&hobbies=" + hobbies +
"&diphtheria=" + diphtheria + "&pertussis=" + pertussis + "&tetanus
=" + tetanus + "&polio=" + polio + "&hepa=" + hepa + "&measles="
+ measles + "&mumps=" + mumps + "&rubella=" + rubella +
"&influenza=" + influenza + "&regmed=" + regmed +
"&regblood=" + regblood + "&regbloodresults=" + regbloodresult
s + "&allergies=" + allergies + "&illnesses=" + illnesses + "&operati
ons=" + operations + "&transfusions=" + transfusions + "&injuries
=" + injuries + "&medications=" + medications + "&adversedrug="
+ adversedrug +
"&general=" + general + "&eyes=" + eyes + "&ent=" + ent + "&res
p=" + respiratory + "&heart=" + heart + "&gastro=" + gastrointesti
nal + "&genito=" + genitourinary +
"&musculo=" + musculoskeletal + "&skinbreast=" + ski
nbreast + "&neurologic=" + neurologic + "&psychiatric=" + psychi
atric + "&endocrine=" + endocrine + "&hematologic=" + hematolo
gic + "&height=" + height + "&weight=" + weight + "&bp=" + bp + "&
temp=" + temp + "&pulserate=" + pulserate + "&resprate=" + re

```

```
sprate+"&gensurvey="+gensurvey+"&skinexam="+skinexam+
"&heent="+heent+"&mobility="+mobility+"&lymphnodes="
+lymphnodes+"&thyroid="+thyroid+"&othermasses="+ot
hermasses+"&breastexam="+breastexam+"&thorax="+thor
ax+"&pulses="+pulses+"&abdomen="+abdomen+"&genitou
rinaryexam="+genitourinaryexam+"&musculoskeletalexam="
+musculoskeletalexam+"&mentalstat="+mentalstat+"&cran
ial="+cranialnerves+"&gait="+gait+"&motor="+motor+"&co
ord="+coord+"&sensory="+sensory+"&superficial="+superfi
cial+"&deeptendon="+deeptendon+"&abnormal="+abnorma
l+"&subj="+subjective+"&obj="+objective+"&assessment="
+assessment+"&plans="+plans+"&civilstat="+civilstat
+"&address="+address+"&mobileno="+mobileno
+"&telno="+telno+"&occupation="+occupation
+"&docname="+docname;
```

```
http.open('get', 'ajax-
addoldpatient.php?' + queryString);
http.onreadystatechange =
handleResponse;
http.send(null);
}
function handleResponse() {
if(http.readyState == 4 && http.status == 200){
// Text returned from PHP script
var response = http.responseText;
if((response.lastIndexOf("successfully"))>0)
{//correct
document.getElementById("addform").innerHTML = "";
document.getElementById("addform").innerHTML = "<div
id='notice' class='boxads4'>" + response + "</div>";
}
else if((response.lastIndexOf("one"))>0){
document.getElementById("addform").innerHTML =
"";
document.getElementById("addform").innerHTML =
"<div id='notice' class='boxads4'>" + response + "</div>";
}
else{//ERROR
// Update ajaxTest content
document.getElementById("notice").innerHTML =
response;
}
}
}
function viewPatient(pid, recno){
newwindow = window.open('patientrecord.php?
&patientid='+pid+'&recno='+recno);
}
function viewPat(pid){
var recno =
document.getElementById('medcons').value;
newwindow = window.open('patientrecord.php?
&patientid='+pid+'&recno='+recno);
}
function reloadPage(){
window.location.reload()
}
</script>
<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
<script language="JavaScript">
```

```
alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
window.open('index.php',
'_self');
</script>
<?php
}
?>
<div class="content">
<div id="toph"></div>
<div id="header">
<div class="rside">
<div class="citation">
<h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
<?php echo
$_SESSION['clinicname']; ?></div>
</div>
<div class="lside"></div>
</div>
<div id="main">
<div class="center">
<h2>Add Old
Patient</h2><br>
<div class="boxads5">
<table width=100%>
<tr>
<td colspan=2 align=center>
<?
echo "<tr
bgcolor=#3399ff><td colspan=2 align=center><font
color=#ffffff size=3><b>PATIENT
INFORMATION</font></td></tr>";
echo
"<tr><td width=25%><br><b>Patient's
ID</td><td><br>$_PID</td></tr>";
echo
"<tr><td><b>Name</td><td>$_patientname</td></tr>";
echo
"<tr><td><b>Date of
birth</td><td>$_birthdate</td></tr>";
echo
"<tr><td><b>Sex</td><td>$_sex</td></tr>";
echo
"<tr><td><b>Address</td><td>$_address</td></tr>";
?>
<tr><td><b>Previous Medical Record/s</td><td>
<?
if($i<1){
echo"<input type=hidden id='medcons'
value='$_consultations[0]'><a
href='\"javascript:viewPat('$_PID')\">$_consultations[0]
$_constatus[0]</a>";
}
else{
?>
<select id='medcons'
onChange="viewPat('<?echo $_PID;?>');">
<?for($s=0; $s<=$_s; ++$s){
echo "<option
value='$_consultations[$s]'>$_consultations[$s]
$_constatus[$s]</option>";
}?>
</select>
<?
?>
</td></tr>
</table><br>
</div>
```

```

<br><br>
<!--document.cookie = "patientid="+pid+";"; PATIENT ID
document.cookie = "recno="+rec+";"; MEDICAL RECORD NO.
-->
<? //SELECT VALUES FROM PREVIOUS CONSULTATIONS. IF
CHANGED, UPDATE THAT PARTICULAR SECTION
    $patinfo = mysql_query("SELECT CIVILSTAT,
ADDRESS, MOBILENO, TELNO, OCCUPATION FROM PATIENT
WHERE PATIENTID='PID'");
    if((mysql_num_rows($patinfo) > 0)) {
        while ($row =
mysql_fetch_array($patinfo, MYSQL_NUM)) {
            $civilstat=$row[0];
            $address=$row[1];
            $mobilenos=$row[2];
            $telno=$row[3];
            $occupation=$row[4];
            //$birthstamp = "(Last
updated on ".$row[2].)";
        }
    }
    else { $civilstat=""; $address=""; $mobilenos="";
$telno=""; $occupation="";}
    mysql_free_result($patinfo);

    //get latest values from birth and devt, menstrual,
personal and social, disease prev, past medical hx--THESE
VALUES DONT CHANGE OFTEN
    $birthdevt = mysql_query("SELECT * FROM
BIRTHDEVT WHERE BIRTH_PID='PID' ORDER BY
BIRTH_STAMP DESC LIMIT 1");
    if((mysql_num_rows($birthdevt) > 0)) {
        while ($row =
mysql_fetch_array($birthdevt, MYSQL_NUM)) {
            $feedinghx = $row[2];
            //$birthstamp = "(Last
updated on ".$row[2].)";
        }
    }
    else $feedinghx = "";
    mysql_free_result($birthdevt);

    $menstrual = mysql_query("SELECT * FROM
MENSTRUALHX WHERE MENS_PID='PID' ORDER BY
MENS_STAMP DESC LIMIT 1");
    if((mysql_num_rows($menstrual) > 0)) {
        while ($row =
mysql_fetch_array($menstrual, MYSQL_NUM)) {
            $menaage= $row[2];
            $menoage= $row[3]; $flowint= $row[4]; $duration= $row[5];
            $amt= $row[6];
            $lmp= $row[7]; $pmp= $row[8];
        }
    }
    else{
        $menaage= ""; $menoage= ""; $flowint=
""; $duration= "";
        $amt= ""; $lmp= ""; $pmp= "";
    }
    mysql_free_result($menstrual);

    $personal = mysql_query("SELECT * FROM
PERSONALSOCIALHX WHERE PER_PID='PID' ORDER BY
PER_STAMP DESC LIMIT 1");
    if((mysql_num_rows($personal) > 0)) {
        while ($row =
mysql_fetch_array($personal, MYSQL_NUM)) {
            $diets = $row[2];
            $habits = $row[3]; $hobbies = $row[4];
        }
    }
    else{
        $diets = ""; $habits = ""; $hobbies = "";
    }
    mysql_free_result($personal);

    $disease = mysql_query("SELECT * FROM
DISEASEPREV WHERE DIS_PID='PID' ORDER BY DIS_STAMP
DESC LIMIT 1");
    if((mysql_num_rows($disease) > 0)) {
        while ($row =
mysql_fetch_array($disease, MYSQL_NUM)) {
            $diphtheria = $row[2];
            $pertussis = $row[3]; $tetanus = $row[4]; $polio = $row[5];
            $hepa = $row[6];
            $measles = $row[7]; $mumps = $row[8]; $rubella = $row[9];
            $influenza = $row[10];
        }
    }
    else{
        $diphtheria = ""; $pertussis = ""; $tetanus
= ""; $polio = ""; $hepa = ""; $measles = "";
        $mumps = ""; $rubella = ""; $influenza =
"";
    }
    mysql_free_result($disease);

    $past = mysql_query("SELECT * FROM PASTMEDHX
WHERE PAST_PID='PID' ORDER BY PAST_STAMP DESC LIMIT
1");
    if((mysql_num_rows($past) > 0)) {
        while ($row = mysql_fetch_array($past,
MYSQL_NUM)) {
            $allergies=$row[2];
            $illnesses=$row[3]; $operations=$row[4];
            $transfusions=$row[5];
            $injuries=$row[6];
            $medications=$row[7]; $drugrx=$row[8];
        }
    }
    else{
        $allergies=""; $illnesses="";
        $operations=""; $transfusions="";
        $injuries=""; $medications="";
        $drugrx="";
    }
    mysql_free_result($past);
?>
        <div id='addform'>
            <i>Note: items marked with
            <font color=#FF0000>*</font> are required
            fields.</i><br><br>
            <table width=90% frame=box>
                <tr align="center"
                    <td><div
                    class='menu'><a
                    href="#demographics">DEMOGRAPHICS</a></div></td>
                    <td><div
                    class='menu'><a href="#cc">CC*</a></div></td>
                    <td><div
                    class='menu'><a href='#' onClick="return clickreturnvalue()
                    onMouseover="dropdownmenu(this, event,
                    'anylinkmenu4')">HX</a></div>
                    <div id="anylinkmenu4" class="anylinkcss"
                    ALIGN=LEFT>
                        <a href="#hxpresent">hx of present
                    illness<B>*</B></a>
                        <a href="#birthdevt">birth and dev't hx</a>
                        <a href="#menstrual">menstrual hx</a>
                        <a href="#personalsocial">personal & social
                    hx</a>
                        <a href="#pastmedicalhx">past medical hx</a>
                    </div></td>
                <td><div
                    class='menu'><a
                    href="#diseaseprev">DPM</a></div></td>
                <td><div
                    class='menu'><a href="#ros">ROS</a></div></td>
            </table>

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class='menu'><a
href="#physicalexam">PE</a></div></td>
<td><div
class='menu'><a
href="#casesummary">CS*</a></div></td>
<!--
<td><div
class='menu'><a href="#" onClick="return clickreturnvalue()"
onMouseover="dropdownmenu(this, event,
'anylinkmenu3')">DAI</a></div>
<div id="anylinkmenu3" class="anylinkcss2">
<a href="javascript:openDAI('dai.php?
&dai=sledai','win2')">SLEDAI</a>
<a href="javascript:openDAI('dai.php?
&dai=bilag&patient=old','win2')">BILAG</a>
<a href="javascript:openDAI('dai.php?
&dai=slam','win2')">SLAM</a>
<a href="javascript:openDAI('dai.php?
&dai=eclam','win2')">ECLAM</a>
</div></td>
-->
</tr>
</table>
<br>
<div id='notice'
class='boxads4'></div>
<BR>
<div class='boxads2'>
<form
name="parentform" method="get" action="#">
<A
NAME="demographics"><br><h2>Demographics</h2></a>
border=0 cellspacing=7>
<tr>
<td>Civil Status</td>
<td><INPUT name="civilstat" id="civilstat"
value='<?echo $civilstat;?>'></td>
</tr>
<tr>
<td>Address</td>
<td><INPUT name="address" id="address"
size=60 value='<?echo $address;?>'></td>
</tr>
<tr>
<td>Mobile no.</td>
<td><INPUT name="mobileno" id="mobileno"
value='<?echo $mobileno;?>'></td>
</tr>
<tr>
<td>Tel no.</td>
<td><INPUT name="telno" id="telno" value='<?
echo $telno;?>'></td>
</tr>
<tr>
<td><div
class="Occupation">
<td><INPUT name="occupation" id="occupation"
value='<?echo $occupation;?>'></td>
</tr>
</table>
<A
NAME="cc"><br><h2>Chief Complaint <font
color=#FF0000><B>*</B></font></h2></a>
<textarea
cols="65" rows="2" name="chiefcomplaint"
id="chiefcomplaint">
<br><br>
<A
NAME="hxpresent"><br><h2>History of Present Illness
<font color=#FF0000><B>*</B></font></h2></a>
<textarea
cols="65" rows="2" name="hxpresent"
id="hxpresentillness">
<br><br>
<A
NAME="birthdevt"><br><h2>Birth and Developmental
History</h2></a>
Feeding
<textarea cols="65" rows="2" name="birtheaddevt"
id="birtheaddevt"><?echo $feedinghx;?></textarea>
<br><br>
<A
NAME="menstrual"><br><h2>Menstrual History</h2></a>
<table
cellspacing=7>
<tr><td>Menarche-age</td><td><INPUT
name="menarcheage" id="menarcheage" value="<?echo
$menaage;?>"></td></tr>
<tr><td>Menopause-age</td><td><INPUT
name="menopauseage" id="menopauseage" value="<?echo
$menoage;?>"></td></tr>
<tr><td>Menstrual flow-
interval</td><td><INPUT name="mensinterval"
id="mensinterval" value="<?echo $flowint;?>"></td></tr>
<tr><td> Duration <INPUT name="duration"
id="duration" value="<?echo $duration;?>"
size=10></td><td> Amount <INPUT name="amount"
id="amount" value="<?echo $amt;?>" size=10></td></tr>
<tr><td> LMP <INPUT name="lmp" id="lmp"
value="<?echo $lmp;?>" size=10></td><td> PMP
<INPUT name="pmp" id="pmp" value="<?echo $pmp;?>"
size=10></td></tr>
</table>
<br><br>
<A
NAME="personalsocial"><br><h2>Personal and Social
History</h2></a>
<table
cellspacing=7>
<tr><td width=30%>Diets</td><td><INPUT
name="diets" id="diets" value="<?echo $diets;?>"
size=50></td></tr>
<tr><td>Habits</td><td><INPUT name="habits"
id="habits" value="<?echo $habits;?>" size=50></td></tr>
<tr><td>Hobbies</td><td><INPUT
name="hobbies" id="hobbies" value="<?echo $hobbies;?>"
size=50></td></tr>
</table>
<br><br>

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<A
NAME="diseaseprev"><br><h2>Disease Prevention
Measures</h2></a>
I.
Immunizations <br><br>
<table
cellspacing=7 width=60% frame=box align=center>
<thead><tr
align=center><td><b>Type</b></td><td><b>Age</b></td><td><b>Type</b></td><td><b>Age</b></td></tr></thead>
<tr><td>Diphtheria</td><td><input
name="diphtheria" id="diphtheria" size=6 value="<?echo
$diphtheria;?>" ></td><td>Measles</td><td><input
name="measles" id="measles" size=6 value="<?echo
$m easles;?>"></td></tr>
<tr><td>Pertussis</td><td><input
name="pertussis" id="pertussis" size=6 value="<?echo
$pertussis;?>" ></td><td>Mumps</td><td><input
name="mumps" id="mumps" size=6 value="<?echo
$mumps;?>"></td></tr>
<tr><td>Tetanus</td><td><input
name="tetanus" id="tetanus" size=6 value="<?echo
$tetanus;?>" ></td><td>Rubella</td><td><input
name="rubella" id="rubella" size=6 value="<?echo
$rubella;?>"></td></tr>
<tr><td>Polio</td><td><input name="polio"
id="polio" size=6 value="<?echo $polio;?>"
></td><td>Influenza</td><td><input name="influenza"
id="influenza" size=6 value="<?echo $influenza;?
>"></td></tr>
<tr><td>Hepatitis</td><td><input name="hepa"
id="hepa" size=6 value="<?echo $hepa;?>"></td><td>
</td></tr>
</table><br>
II. Regular
Medical Visits
<INPUT type="radio" name="regmed" id="regmed"
value='yes'>Yes
<INPUT type="radio" name="regmed" id="regmed"
value='no'>No
<br><br>III. Regular Blood tests/ x-rays
<INPUT type="radio" name="regblood"
id="regblood" value='yes'>Yes
<INPUT type="radio" name="regblood"
id="regblood" value='no'>No
<br><br> Result(s)<br>
<textarea cols="60" rows="1" name="regbloodresults"
id="regbloodresults"></textarea><br>
<A
NAME="pastmedicalhx"><br><h2>Past Medical
History</h2></a>
<table
cellspacing=7>
<tr><td>Allergies</td><td><INPUT
name="allergies" id="allergies" value="<?echo $allergies;?
>"></td></tr>
<tr><td>Illnesses</td><td><INPUT
name="illnesses" id="illnesses" value="<?echo $illnesses;?
>"></td></tr>

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<tr><td>Operations</td><td><INPUT
name="operations" id="operations" value="<?echo
$operations;?>"></td></tr>
<tr><td>Transfusions</td><td><INPUT
name="transfusions" id="transfusions" value="<?echo
$transfusions;?>"></td></tr>
<tr><td>Injuries</td><td><INPUT
name="injuries" id="injuries" value="<?echo $injuries;?
>"></td></tr>
<tr><td>Medications</td><td><INPUT
name="medications" id="medications" value="<?echo
$medications;?>"></td></tr>
<tr><td>Adverse Drug Rx</td><td><INPUT
name="adversedrug" id="adversedrug" value="<?echo
$dru grx;?>"></td></tr>
</table><br><br>
<A
NAME="ros"><br><h2>Review of Systems</h2></a>
Click the
following categories to view their corresponding checkboxes.
<table
cellspacing=7>
<tr><td width=18%><label id="category"
onClick="openChild('ros.php?
&categ=general','win2')">General</label></td><td><textar
ea cols=20 rows=1 name="general"
id="general"></textarea></td><td width=18%><label
id="category" onClick="openChild('ros.php?
&categ=musculoskeletal','win2')">Musculoskeletal</label></
td><td><textarea cols=20 rows=1 name="musculoskeletal"
id="musculoskeletal"></textarea></td></tr>
<tr><td ><label id="category"
onClick="openChild('ros.php?
&categ=eyesandvision','win2')">Eyes and
Vision</label></td><td><textarea cols=20 rows=1
name="eyes" id="eyes" ></textarea></td><td
width=18%><label id="category"
onClick="openChild('ros.php?
&categ=skinandbreasts','win2')">Skin and
Breasts</label></td><td><textarea cols=20 rows=1
name="skinbreast" id="skinbreast"></textarea></td></tr>
<tr><td ><label id="category"
onClick="openChild('ros.php?
&categ=earsnoseandthroat','win2')">Ears, Nose and
Throat</label></td><td><textarea cols=20 rows=1
name="ent" id="ent" ></textarea></td><td
width=18%><label id="category"
onClick="openChild('ros.php?
&categ=neurological','win2')">Neurological</label></td><td
><textarea cols=20 rows=1 name="neurological"
id="neurological"></textarea></td></tr>
<tr><td ><label id="category"
onClick="openChild('ros.php?
&categ=heartandcardiovascular','win2')">Heart and
Cardiovascular</label></td><td><textarea cols=20 rows=1
name="heart" id="heart" ></textarea></td><td
width=18%><label id="category"
onClick="openChild('ros.php?
&categ=psychiatric','win2')">Psychiatric</label></td><td><
textarea cols=20 rows=1 name="psychiatric"
id="psychiatric"></textarea></td></tr>
<tr><td ><label id="category"
onClick="openChild('ros.php?
&categ=resp','win2')">Respiratory</label></td><td><textar
ea cols=20 rows=1 name="respiratory"
id="respiratory"></textarea></td><td width=18%><label
id="category" onClick="openChild('ros.php?
&categ=endocrine','win2')">Endocrine</label></td><td><te

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xtarea cols=20 rows=1 name="endocrine" id="endocrine"
></textarea></td></tr>

<tr><td><label id="category"
onClick="openChild('ros.php?
&categ=gastrointestinal','win2')">Gastro-
intestinal</label></td><td><textarea cols=20 rows=1
name="gastrointestinal"
id="gastrointestinal"></textarea></td><td><td><label id="category"
onClick="openChild('ros.php?
&categ=hematologiclymphatic','win2')">Hematologic/
Lymphatic</label></td><td><textarea cols=20 rows=1
name="hematologic" id="hematologic"
></textarea></td></tr>

<tr><td><label id="category"
onClick="openChild('ros.php?
&categ=genitourinary','win2')">Genito-
urinary</label></td><td><textarea cols=20 rows=1
name="genitourinary" id="genitourinary"
></textarea></td><td colspan=2></td></tr>
</table>
<br><br>
<A
NAME="physicalexam"><br><h2>Physical
Examination</h2></a>
</table>
cellspacing=7>

<tr><td>Weight </td><td><INPUT
name="weight" id="weight" size=5 > (kg.)</td></tr>

<tr><td>Height </td><td><INPUT name="height"
id="height" size=5 > (cm.)</td></tr>

<tr><td>Blood pressure </td><td><INPUT
name="bp" id="bp" size=5 > (mm.Hg.)</td></tr>

<tr><td>Temp </td><td><INPUT name="temp"
id="temp" size=5 > (C)</td></tr>

<tr><td>Pulse rate/ character</td><td><INPUT
name="pulserate" id="pulserate" size=50 ></td></tr>

<tr><td>Respiratory rate/
pattern</td><td><INPUT name="resprate" id="resprate"
size=50 ></td></tr>

<tr><td><b>GENERAL
SURVEY</b></td><td><INPUT name="gensurvey"
id="gensurvey" size=50 ></td></tr>

<tr><td><b>SKIN</b></td><td><INPUT
name="skinexam" id="skinexam" size=50 > </td></tr>

<tr><td><b>HEENT</b></td><td><INPUT
name="heent" id="heent" size=50 ></td></tr>

<tr><td colspan=2><b>NECK<br></td></tr>

<tr><td>Mobility</td><td><INPUT
name="mobility" id="mobility" size=50 ></td></tr>

<tr><td>Lymph nodes</td><td><INPUT
name="lymphnodes" id="lymphnodes" size=50 ></td></tr>

<tr><td>Thyroid gland</td><td><INPUT
name="thyroid" id="thyroid" size=50 ></td></tr>

<tr><td>Other masses</td><td><INPUT
name="othermasses" id="othermasses" size=50
></td></tr>

<tr><td><b>BREAST</b></td><td><INPUT
name="breastexam" id="breastexam" size=50 ></td></tr>

<tr><td><b>THORAX/ LUNGS</b></td><td><INPUT
name="thorax" id="thorax" size=50 ></td></tr>

<tr><td><b>PULSES</b></td><td><INPUT
name="pulses" id="pulses" size=50 ></td></tr>

<tr><td><b>ABDOMEN</b></td><td><INPUT
name="abdomen" id="abdomen" size=50 ></td></tr>

<tr><td><b>GENITO-URINARY</b></td><td><INPUT
name="genitourinaryexam" id="genitourinaryexam" size=50
></td></tr>

<tr><td colspan=2><b>MUSCULOSKELETAL</b></td></tr>
<tr><td colspan=2><b>NEUROLOGICAL</b></td></tr>

<tr><td>Mental status</td><td><INPUT
name="mentalstat" id="mentalstat" size=50 ></td></tr>

<tr><td>Cranial nerves</td><td><INPUT
name="cranialnerves" id="cranialnerves" size=50
></td></tr>

<tr><td>Gait and station</td><td><INPUT
name="gait" id="gait" size=50 ></td></tr>

<tr><td>Motor</td><td><INPUT
name="motor" id="motor" size=50 ></td></tr>

<tr><td>Coordination</td><td><INPUT
name="coord" id="coord" size=50 ></td></tr>

<tr><td>Sensory</td><td><INPUT
name="sensory" id="sensory" size=50 ></td></tr>

<tr><td colspan=2>Reflexes<br></td></tr>

<tr><td>Superficial</td><td><INPUT
name="superficial" id="superficial" size=50 ></td></tr>

<tr><td>Deep tendon</td><td><INPUT
name="deeptendon" id="deeptendon" size=50 ></td></tr>

<tr><td>Abnormal</td><td><INPUT
name="abnormal" id="abnormal" size=50 ></td></tr>
</table><br><br>
<A
NAME="casesummary"><br><h2>Case Summary <font
color=#FF0000><B>*</B></font></h2></a>
I. Subjective
Data <br> <textarea cols="50" rows="2"
name="subjective" id="subjective"></textarea><br><br>
II. Objective
Data <br> <textarea cols="50" rows="2"
name="objective" id="objective"></textarea><br><br>
III.
Assessment <br> <textarea cols="50" rows="2"
name="assessment" id="assessment"></textarea><br><br>
IV. Plan(s)
<br> <textarea cols="50" rows="2" name="plans"
id="plans"></textarea><br>
<?

```



```

                                $menstrual
= mysql_query("INSERT INTO MENSTRUALHX
                                (MENS_PID,
MENARCHEAGE, MENOPAUSEAGE,MENS_FLOWINT,
MENS_DURATION, MENS_AMOUNT, LMP, PMP, MENS_STAMP,
MENS_RECNO)
                                VALUES( '$patientid', '$menage', '$menoage',
'$mensint', '$duration','$amount', '$lmp', '$pmp',
'$timestamp', '$recno');"
                                }

                                if(!empty($diets) or !
empty($habits) or !empty($hobbies)){//at least one of them is
not empty
                                $personal =
mysql_query("INSERT INTO PERSONALSOCIALHX
                                (PER_PID ,
DIETS, HABITS,HOBBIES, PER_STAMP, PER_RECNO)
                                VALUES( '$patientid', '$diets', '$habits', '$hobbies',
'$timestamp','$recno');"
                                }

                                if(!empty($diphtheria) or !
empty($pertussis) or !empty($tetanus) or !empty($polio)
                                or !empty($hepa) or !
empty($measles) or !empty($mumps) or !empty($rubella) or !
empty($influenza)
                                or !empty($regmed)
or !empty($regblood) or !empty($regbloodresults )){//at least
one of them is not empty
                                $disease =
mysql_query("INSERT INTO DISEASEPREV
                                (DIS_PID ,DIPHTHERIA,PERTUSSIS,TETANUS, POLIO,
HEPATITIS, MEASLES, MUMPS, RUBELLA,
INFLUENZA,MEDVISITS , BLOODTEST, TESTRESULTS,
DIS_STAMP, DIS_RECNO )
                                VALUES( '$patientid', '$diphtheria', '$pertussis',
'$tetanus', '$polio', '$hepa', '$measles', '$mumps', '$rubella',
'$influenza', '$regmed ', '$regblood', '$regbloodresults',
'$timestamp', '$recno');"
                                }

                                if(!empty($allergies) or !
empty($illnesses) or !empty($operations) or !
empty($transfusions) or !empty($injuries)
                                or !
empty($medications) or !empty($adversedrug)){//at least one
of them is not empty
                                $pastmed =
mysql_query("INSERT INTO PASTMEDHX
                                (PAST_PID ,ALLERGIES,ILLNESSES,OPERATIONS,
TRANSFUSIONS, INJURIES, MEDICATIONS, ADVERSEDUG,
PAST_STAMP, PAST_RECNO)
                                VALUES( '$patientid', '$allergies', '$illnesses',
'$operations', '$transfusions', '$injuries', '$medications',
'$adversedrug', '$timestamp', '$recno');"
                                }

                                if(!empty($general) or !
empty($eyes) or !empty($ent) or !empty($resp) or !
empty($heart)
                                or !empty($gastro)
or !empty($genito) or !empty($musculo) or !
empty($skinbreast) or !empty($neurologic) or !
empty($psychiatric)
                                or !empty($endocrine)
or !empty($hematologic)){//at least one of them is not empty

```

```

                                $ros =
mysql_query("INSERT INTO ROS
                                (ROS_PID ,ROS_RECNO,GENERALSURV, EYES,ENT,
HEART, RESPIRATORY, GASTROINTESTINAL, GENITOURINARY,
MUSCULOSKELETAL,
                                SKINBREAST,NEUROLOGIC , PSYCHIATRIC,
ENDOCRINE, HEMATOLOGIC,ROS_STAMP)
                                VALUES( '$patientid', '$recno','$general', '$eyes',
'$ent', '$heart', '$resp', '$gastro', '$genito', '$musculo'
                                ,
'$skinbreast', '$neurologic', '$psychiatric', '$endocrine',
'$hematologic', '$timestamp');"
                                }

                                if(!empty($height) or !
empty($weight) or !empty($bp) or !empty($temp) or !
empty($pulerate)
                                or !empty($resprate)
or !empty($gensurvey) or !empty($skinexam) or !
empty($heent) or !empty($mobility) or !empty($lymphnodes)
                                or !empty($thyroid) or
!empty($othermasses) or !empty($breastexam) or !
empty($thorax) or !empty($pulses) or !empty($abdomen)
                                or !
empty($genitourinaryexam) or !
empty($musculoskeletalexam) or !empty($mentalstat) or !
empty($cranial)
                                or !empty($gait) or !
empty($motor) or !empty($coord) or !empty($superficial) or !
empty($deeptendon) or !empty($abnormal)){//at least one of
them is not empty
                                $pe=
mysql_query("INSERT INTO PHYSICALEXAM
                                (PHY_PID ,PHY_RECNO,WEIGHT,HEIGHT,BP, TEMP,
PULSERATE, RESPRATE, GENSURVEY, SKIN,HEENT,MOBILITY,
LYMPH, THYROID,
                                OTHERMASSES, BREAST, THORAX, PULSES,
ABDOMEN, GENURINARY, MUSCULO, MENTALSTAT,
CRANIALNERVES, GAITSTATION,
                                MOTOR, COORDINATION, SENSORY, SUPERFICIAL,
DEEPTENDON, ABNORMAL, PHY_STAMP)
                                VALUES( '$patientid','$recno', '$weight', '$height',
'$bp', '$temp', '$pulerate','$resprate', '$gensurvey',
'$skinexam', '$heent', '$mobility', '$lymphnodes', '$thyroid',
'$othermasses', '$breastexam', '$thorax', '$pulses', '$abdomen',
'$genitourinaryexam', '$musculoskeletalexam', '$mentalstat',
'$cranial', '$gait',
                                '$
motor', '$coord', '$sensory', '$superficial', '$deeptendon',
'$abnormal', '$timestamp');"
                                }

                                ?> <div>You have successfully added a
<label id='viewme' onClick="viewPatient('<?echo $patientid;?
>','<?echo $recno;?>')">medical consultation
record</label>.<br><br>

                                <?
                                if($mode=="DRAFT"){
//AUDIT TRAIL
$audittrail =
mysql_query("INSERT INTO AUDIT
                                (AUDITUSERID, AUDITRECNO, AUDITDETAILS,
AUDITSTAMP)
                                VALUES('$username','$recno', 'Added a draft
medical record.', '$timestamp');"
                                }

```

```

        if($mode=='FINAL'){
            //AUDIT TRAIL
            $audittrail =
mysql_query("INSERT INTO AUDIT
            (AUDITUSERID, AUDITRECNO, AUDITDETAILS,
            AUDITSTAMP)
            VALUES('$username','$recno', 'Added a final
            medical record.','$timestamp')");
        ?>
        Click here to
        schedule your patient for a <label id='viewme'
        onClick="setCheckup('<?echo $patientid;?>','<?echo
        $recno;?>')">check-up</label>.</div>
        <?php
            <?
            //end of if mode=final?>
        >
        //end of if (medcons)
        else{// send error message.
            echo "<br>ERROR: Your
            transaction cannot be processed. A patient can have one
            consultation per day only.<br><br>";
            exit();
        }
    }
    else{
        echo "<br>ERROR: Your transaction
        cannot be processed. ";
        exit();
    }
?>

```

editdrafts.php

```

<?php
session_start();
require 'config.php';
connectdatabase('LUCIS');
?>

<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
    "images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
    title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
    href="css/anylinkvertical.css" />
    <script type="text/javascript"
    src="css/anylinkvertical.js"></script>
</head>

<SCRIPT LANGUAGE="JavaScript">
    function openChild(file,window) {
        var left = Math.floor((screen.availWidth -
        400) / 2);
        var top = Math.floor((screen.availHeight -
        340) / 2);

        childWindow=open(file,window,'resizable=yes,width=400,hei
        ght=340,left='+left+',top='+top);
        if (childWindow.opener == null)
        childWindow.opener = self;
    }
</SCRIPT>

<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script language="JavaScript" type="text/javascript">
function createRequestObject() {
var req;
if(window.XMLHttpRequest){// Firefox, Safari, Opera...
req = new XMLHttpRequest();

```

```

} else if(window.ActiveXObject) {// Internet Explorer 5+
req = new ActiveXObject("Microsoft.XMLHTTP");
} else {
alert('Problem creating the XMLHttpRequest object');
}
return req;
}

var http = createRequestObject();

function searchReq() {
document.getElementById("displayerror").innerHTML = "";
var pid= document.getElementById('pid1').value
+ "-" + document.getElementById('pid2').value;
var pname =
document.getElementById('pname').value;
var flag=0;
if( (pid.length==1)&& (pname=="")){//both are
empty-> output error message

document.getElementById("displayerror").innerHTML =
"ERROR: Please fill out the patient's ID or name.";
flag=1;
}
if((pid.length<10) && (pid.length>1)){//incomplete
id

document.getElementById("displayerror").innerHTML =
"ERROR: Please complete the patient's ID.";
flag=1;
}
if(flag==0){
var query = "?&pid=" + pid + "&pname="
+ pname;
//alert(query);
http.open('get', 'ajax-
searchpatient.php?' + query);
http.onreadystatechange =
handlesearchReq;
http.send(null);
}
}

function handlesearchReq() { //EDIT FURTHER
if(http.readyState == 4 && http.status == 200){
var response = http.responseText;
if((response.lastIndexOf("ERROR:"))<0){//correct

document.getElementById("search").innerHTML =
response;
}
}
else{//ERROR

document.getElementById("displayerror").innerHTML =
response;
}
}
}

function reloadPage()
{
window.location.reload()
}

function openNew(pid) { //EDIT FURTHER
document.cookie = "pid="+pid+";";
newwindow = window.open('view2.php', '_self');
}

function openEdit(recno, pid) { //EDIT FURTHER
document.cookie = "editpid="+pid+";";
document.cookie = "editrecno="+recno+";";
newwindow = window.open('editdrafts2.php', '_self');
}

```

```

}
</script>

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
    <script language="JavaScript">
        alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
        window.open('index.php',
'_self');
    </script>
<?php
}
?>
<div class="content">
    <div id="toph"></div>
    <div id="header">
        <div class="rside">
            <div class="citation">
                <h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
                <?php echo
$_SESSION['clinicname']; ?></div>
            </div>
            <div class="lside"></div>
        </div>
        <div id="main">
            <div class="center">
                <h2>Edit and Finalize
drafts</h2>
                <i>Click on the medical record
no. to edit and finalize the draft.</i><br><br>
                <?
                $docname=$_SESSION['empname'];
                $finddraft=
mysql_query("SELECT MED_RECNO, MED_PID,
MED_TIMESTAMP FROM MED_CONS WHERE
MED_STAT='DRAFT' and MED_EMPNAME='$docname'");
                if((mysql_num_rows($finddraft)
> 0) ) {
                    $cnt=1;
                    echo "<table width=100%
frame=box cellspacing=5 >".
                        "<tr
bgcolor=#3399ff align=center><td><font color=#ffffff
size=2><b>Medical Rec No</td><td><font color=#ffffff
size=2><b>Patient Name</td><td><font color=#ffffff
size=2><b>Days elapsed</td></tr>";
                    while ($row =
mysql_fetch_array($finddraft, MYSQL_NUM)) {
                        if($cnt%2==0){
                            echo "<tr
bgcolor='#F2F2F2'>";
                        }
                        else{
                            echo
                            "<tr>";
                        }
                        $pat =
mysql_query("SELECT PATLNAME, PATFNAME, PATMNAME
FROM PATIENT WHERE PATIENTID='$row[1]'");
                        while ($name =
mysql_fetch_array($pat, MYSQL_NUM)) {
                            $patientname = $name[0].", ".$name[1]." ".
substr($name[2],0,1).". ";
                            $curr =
strtotime($row[2]); //unix timestamp
                            $diff= floor((time()-
$curr)/(60*60*24));
                            if($diff<=1) $ago="
day ago"; else $ago=" days ago";
                            echo "<td
align=center><a
href='javascript:openEdit('$row[0]','$row[1]')'>$row[0]</t

```

```

d><td>$patientname</td><td align=center>$diff
$ago</td></tr>";
                    }
                    echo "</table>";
                }
                else{
                    echo"There are no pending
drafts to be finalized.";
                }
            ?>
            <br><br>
            </div>
            <div class="leftmenu">
                <div class="padding"
align="center">
                    <?php showIcons();?>
                    <br><hr></div>
                    <div class="padding">
                        <h2>Funtionalities</h2>
                        <div class="nav">
                            <?php
showMenu($_SESSION["emptytype"]); ?>
                        </div>
                        </div>
                    </div>
                    <br />&nbsp;<br />
                    <div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
                </div>
            </body>
        </html>

```

editdrafts2.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');
    $PID = $_COOKIE['editpid'];
    $recno = $_COOKIE['editrecno'];

    $qry_result = mysql_query("SELECT * FROM
PATIENT WHERE PATIENTID='$PID'");
    if((mysql_num_rows($qry_result) == 0) ) {
        echo "ERROR: An unexpected error
occured. Patient information cannot be retrieved.";
    }
    else{
        while ($row =
mysql_fetch_array($qry_result, MYSQL_NUM)) {
            $patientname = $row[5],
$row[3] $row[4]";
            $sex = $row[6];
            $birthdate = $row[7];
            $mobilenno = $row[8];
            $telno = $row[9];
            $address = $row[10];
        }
        mysql_free_result($qry_result);
    }
?>
<html>
<head>
    <title>Lupus Clinic Information System</title>

```

```

        <style type="text/css" media="all">@import
"images/style-edited.css";</style>
        <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
        <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
        <script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>

<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script type="text/javascript"
src="css/jsfunctions.js"></script>
<script language="JavaScript" type="text/javascript">

function createRequestObject() {
var req;
if(window.XMLHttpRequest){// Firefox, Safari, Opera...
req = new XMLHttpRequest();
} else if(window.ActiveXObject) { // Internet Explorer 5+
req = new ActiveXObject("Microsoft.XMLHTTP");
} else {
alert('Problem creating the XMLHttpRequest object');
}
return req;
}

var http = createRequestObject();

function sendRequest(mode) { //draft and final only
var input_box=confirm("Are you sure you want to
save this consultation record as final? \n"+
"Finalized records
cannot be edited anymore.\n\n" + "Click OK to continue.");
if (input_box==true){ // Output when OK is clicked

var civilstat =
document.getElementById('civilstat').value;
var address =
document.getElementById('address').value;
var mobileno =
document.getElementById('mobileno').value;
var telno =
document.getElementById('telno').value;
var occupation =
document.getElementById('occupation').value;

var chiefcomplaint =
document.getElementById('chiefcomplaint').value;
//CHIEF COMPLAINT
var hxpresentillness =
document.getElementById('hxpresentillness').value;
//HX OF PRESENT ILLNESS
var birthdevt =
document.getElementById('birthanddevt').value;
var menarcheage =
document.getElementById('menarcheage').value;
var menopauseage =
document.getElementById('menopauseage').value;
var mensinterval =
document.getElementById('mensinterval').value;
var duration =
document.getElementById('duration').value;
var amount =
document.getElementById('amount').value;
var lmp =
document.getElementById('lmp').value;
var pmp =
document.getElementById('pmp').value;
//PERSONAL AND SOCIAL HX
var diets =
document.getElementById('diets').value;
var habits =
document.getElementById('habits').value;
var hobbies =
document.getElementById('hobbies').value;
//DISEASE PREVENTION MEASURES

var diptheria =
document.getElementById('diptheria').value;
var pertussis =
document.getElementById('pertussis').value;
var tetanus =
document.getElementById('tetanus').value;
var polio =
document.getElementById('polio').value;
var hepa =
document.getElementById('hepa').value;
var measles =
document.getElementById('measles').value;
var mumps =
document.getElementById('mumps').value;
var rubella =
document.getElementById('rubella').value;
var influenza =
document.getElementById('influenza').value;
var regmed =
document.getElementById('regmed').value;
var regblood =
document.getElementById('regblood').value;
var regbloodresults =
document.getElementById('regbloodresults').value;
//PAST MEDICAL HISTORY
var allergies =
document.getElementById('allergies').value;
var illnesses =
document.getElementById('illnesses').value;
var operations =
document.getElementById('operations').value;
var transfusions =
document.getElementById('transfusions').value;
var injuries =
document.getElementById('injuries').value;
var medications =
document.getElementById('medications').value;
var adversedrug =
document.getElementById('adversedrug').value;
//REVIEW OF SYSTEMS
var general =
document.getElementById('general').value;
var eyes =
document.getElementById('eyes').value;
var ent =
document.getElementById('ent').value;
var respiratory =
document.getElementById('respiratory').value;
var heart =
document.getElementById('heart').value;
var gastrointestinal =
document.getElementById('gastrointestinal').value;
var genitourinary =
document.getElementById('genitourinary').value;
var musculoskeletal =
document.getElementById('musculoskeletal').value;
var skinbreast =
document.getElementById('skinbreast').value;
var neurologic =
document.getElementById('neurological').value;
var psychiatric =
document.getElementById('psychiatric').value;
var endocrine =
document.getElementById('endocrine').value;
var hematologic =
document.getElementById('hematologic').value;
//PHYSICAL EXAM
var height =
document.getElementById('height').value;
var weight =
document.getElementById('weight').value;
var bp =
document.getElementById('bp').value;
var temp =
document.getElementById('temp').value;
var pulserate =
document.getElementById('pulserate').value;
var resprate =
document.getElementById('resprate').value;

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```

        var gensurvey =
document.getElementById('gensurvey').value;
        var skinexam =
document.getElementById('skinexam').value;
        var heent =
document.getElementById('heent').value;
        var mobility =
document.getElementById('mobility').value;
        var lymphnodes =
document.getElementById('lymphnodes').value;
        var thyroid =
document.getElementById('thyroid').value;
        var othermasses =
document.getElementById('othermasses').value;
        var breastexam =
document.getElementById('breastexam').value;
        var thorax =
document.getElementById('thorax').value;
        var pulses =
document.getElementById('pulses').value;
        var abdomen =
document.getElementById('abdomen').value;
        var genitourinaryexam =
document.getElementById('genitourinaryexam').value;
        var musculoskeletalexam =
document.getElementById('musculoskeletalexam').value;
        var mentalstat =
document.getElementById('mentalstat').value;
        var cranialnerves =
document.getElementById('cranialnerves').value;
        var gait =
document.getElementById('gait').value;
        var motor =
document.getElementById('motor').value;
        var coord =
document.getElementById('coord').value;
        var sensory =
document.getElementById('sensory').value;
        var superficial =
document.getElementById('superficial').value;
        var deeptendon =
document.getElementById('deeptendon').value;
        var abnormal =
document.getElementById('abnormal').value;
        //CASE SUMMARY
        var subjective =
document.getElementById('subjective').value;
        var objective =
document.getElementById('objective').value;
        var assessment =
document.getElementById('assessment').value;
        var plans =
document.getElementById('plans').value;

        var queryString = "?&method=" + mode
+ "&cc=" + chiefcomplaint + "&hxpres=" + hxpresentillness
+ "&birthdevt=" + birthdevt + "&menage=" + menarcheage
+
        "&menoage=" + menopauseage
+ "&mensint=" + mensinterval + "&duration=" + duration +
"&amount=" + amount + "&imp=" + lmp + "&pmp=" + pmp
+
        "&diets=" + diets + "&habits="
+ habits + "&hobbies=" + hobbies +
"&diphtheria=" + diphtheria + "&pertussis=" + pertussis + "&tetanus="
+ tetanus + "&polio=" + polio + "&hepa=" + hepa + "&measles="
+ measles + "&mumps=" + mumps + "&rubella=" + rubella +
"&influenza=" + influenza + "&regmed=" + regmed +
"&regblood=" + regblood + "&regbloodresults=" + regbloodresult
s + "&allergies=" + allergies + "&illnesses=" + illnesses + "&operati
ons=" + operations + "&transfusions=" + transfusions + "&injuries
=" + injuries + "&medications=" + medications + "&adversedrug="
+ adversedrug +
        "&general=" + general + "&eyes=" + eyes + "&ent=" + e
nt + "&resp=" + respiratory + "&heart=" + heart + "&gastro=" + gas
trointestinal + "&genito=" + genitourinary + "&musculo=" + musc
uloskeletal + "&skinbreast=" + skinbreast + "&neurologic=" + neu
rologic + "&psychiatric=" + psychiatric + "&endocrine=" + endocri
ne + "&hematologic=" + hematologic + "&height=" + height + "&w

```

```

eight=" + weight + "&bp=" + bp + "&temp=" + temp + "&pulserate
=" + pulserate + "&resprate=" + resprate + "&gensurvey=" + gens
urvey + "&skinexam=" + skinexam + "&heent=" + heent + "&mobil
ity=" + mobility + "&lymphnodes=" + lymphnodes + "&thyroid="
+ thyroid + "&othermasses=" + othermasses + "&breastexam="
+ breastexam + "&thorax=" + thorax + "&pulses=" + pulses + "&ab
domen=" + abdomen + "&genitourinaryexam=" + genitourinarye
xam +
        "&musculoskeletalexam=" + mus
culoskeletalexam + "&mentalstat=" + mentalstat + "&cranial=" +
cranialnerves + "&gait=" + gait + "&motor=" + motor + "&coord="
+ coord + "&sensory=" + sensory + "&superficial=" + superficial +
"&deeptendon=" + deeptendon + "&abnormal=" + abnormal + "&s
ubj=" + subjective + "&obj=" + objective + "&assessment=" + asse
ssment + "&plans=" + plans + "&civilstat=" + civilstat
+ "&address=" + address +
        "&mobileno=" + mobileno
+ "&telno=" + telno + "&occupation=" + occupation;

        http.open('get', 'ajax-
editdrafts.php?' + queryString);
        http.onreadystatechange =
handleResponse;
        http.send(null);
    }
}

function handleResponse() {
if(http.readyState == 4 && http.status == 200){
var response = http.responseText;

        if((response.lastIndexOf("successfully"))>0)
{//correct
            document.getElementById("addform").innerHTML =
"";
            document.getElementById("addform").innerHTML =
"<div id='notice' class='boxads4'>" + response + "</div>";
        }
        else if((response.lastIndexOf("one"))>0){
            document.getElementById("addform").innerHTML = "";
            document.getElementById("addform").innerHTML = "<div
id='notice' class='boxads4'>" + response + "</div>";
        }
        else{//ERROR
            document.getElementById("notice").innerHTML =
response;
        }
    }
}

function viewPatient(pid, recno){
    newwindow = window.open('patientrecord.php?
&patientid=' + pid + '&recno=' + recno);
}

function reloadPage(){
    window.location.reload()
}
</script>

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
        <script language="JavaScript">
            alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
            window.open('index.php',
'_self');
        </script>
<?php

```

```

}
?>
<div class="content">
  <div id="toph"></div>
  <div id="header">
    <div class="rside">
      <div class="citation">
        <h2>LUPUS CLINIC
        INFORMATION SYSTEM</h2>
      </div>
      <?php echo
      $_SESSION['clinicname']; echo $PID.$recno;?></div>
    </div>
    <div class="lside"></div>
  </div>
  <div id="main">
    <div class="center">
      <h2>Edit and Finalize
      Drafts</h2><br>
      <div class="boxads5">
        <table width=100%>
          <tr>
            <td colspan=2 align=center><font
            bgcolor=#3399ff><td colspan=2 align=center><font
            color=#ffffff size=3><b>PATIENT
            INFORMATION</font></td></tr>";
            echo
            " <tr><td width=25%><br><b>Patient's
            ID</td><td><br>$PID</td></tr>";
            echo
            " <tr><td><b>Name</td><td>$patientname</td></tr>";
            echo
            " <tr><td><b>Date of
            birth</td><td>$birthdate</td></tr>";
            echo
            " <tr><td><b>Sex</td><td>$sex</td></tr>";
            echo
            " <tr><td><b>Address</td><td>$address</td></tr>";
            ?>
            <tr><td><b>Medical Record No.</td><td><?
            echo $recno;?></td></tr>
          </table><br>
        </div>
      <br><br>
    </div>
  </div>
  <?
  $patinfo = mysql_query("SELECT CIVILSTAT,
  ADDRESS, MOBILENO, TELNO, OCCUPATION FROM PATIENT
  WHERE PATIENTID='$PID'");
  if((mysql_num_rows($patinfo) > 0)) {
    while ($row =
    mysql_fetch_array($patinfo, MYSQL_NUM)) {
      $civilstat=$row[0];
      $address=$row[1];
      $mobilenos=$row[2];
      $stelno=$row[3];
      $occupation=$row[4];
    }
  }
  else { $civilstat=""; $address=""; $mobilenos="";
  $stelno=""; $occupation="";}
  mysql_free_result($patinfo);

  $medcons = mysql_query("SELECT
  CHIEFCOMPLAINT, HXPRESSENTILLNESS FROM MED_CONS
  WHERE MED_PID='$PID' AND MED_RECNO='$recno'");
  if((mysql_num_rows($medcons) > 0)) {
    while ($row =
    mysql_fetch_array($medcons, MYSQL_NUM)) {
      $chiefcomplaint=$row[0];
      $hxpresent=$row[1];
    }
  }
  else { $chiefcomplaint=""; $hxpresent="";}
  mysql_free_result($medcons);

  $birthdevt = mysql_query("SELECT * FROM
  BIRTHDEV_T WHERE BIRTH_PID='$PID' AND
  BIRTH_RECNO='$recno'");
  if((mysql_num_rows($birthdevt) > 0)) {
    while ($row =
    mysql_fetch_array($birthdevt, MYSQL_NUM)) {
      $feedinghx = $row[2];
    }
  }
  else $feedinghx = "";
  mysql_free_result($birthdevt);

  $menstrual = mysql_query("SELECT * FROM
  MENSTRUALHX WHERE MENS_PID='$PID' AND
  MENS_RECNO='$recno'");
  if((mysql_num_rows($menstrual) > 0)) {
    while ($row =
    mysql_fetch_array($menstrual, MYSQL_NUM)) {
      $menaage = $row[2];
      $menoage = $row[3]; $flowint = $row[4]; $duration = $row[5];
      $amt = $row[6];
      $lmp = $row[7]; $pmp = $row[8];
    }
  }
  else{
    $menaage = ""; $menoage = ""; $flowint =
    ""; $duration = "";
    $amt = ""; $lmp = ""; $pmp = "";
  }
  mysql_free_result($menstrual);

  $personal = mysql_query("SELECT * FROM
  PERSONALSOCIALHX WHERE PER_PID='$PID' AND
  PER_RECNO='$recno'");
  if((mysql_num_rows($personal) > 0)) {
    while ($row =
    mysql_fetch_array($personal, MYSQL_NUM)) {
      $diets = $row[2];
      $habits = $row[3]; $hobbies = $row[4];
    }
  }
  else{
    $diets = ""; $habits = ""; $hobbies = "";
  }
  mysql_free_result($personal);

  $disease = mysql_query("SELECT * FROM
  DISEASEPREV WHERE DIS_PID='$PID' AND
  DIS_RECNO='$recno'");
  if((mysql_num_rows($disease) > 0)) {
    while ($row =
    mysql_fetch_array($disease, MYSQL_NUM)) {
      $diphtheria = $row[2];
      $pertussis = $row[3]; $tetanus = $row[4]; $polio = $row[5];
      $hepa = $row[6];
      $measles = $row[7]; $mumps = $row[8]; $rubella = $row[9];
      $influenza = $row[10];
    }
  }
  else{
    $diphtheria = ""; $pertussis = ""; $tetanus
    = ""; $polio = ""; $hepa = ""; $measles = "";
    $mumps = ""; $rubella = ""; $influenza =
    "";
  }
  mysql_free_result($disease);

  $past = mysql_query("SELECT * FROM PASTMEDHX
  WHERE PAST_PID='$PID' AND PAST_RECNO='$recno'");
  if((mysql_num_rows($past) > 0)) {
    while ($row = mysql_fetch_array($past,
    MYSQL_NUM)) {
      $allergies=$row[2];
      $illnesses=$row[3]; $operations=$row[4];
      $transfusions=$row[5];
      $injuries=$row[6];
      $medications=$row[7]; $drugrx=$row[8];
    }
  }
}

```

```

else{
    $allergies=""; $illnesses="";
$operations=""; $transfusions="";
    $injuries=""; $medications="";
$drugrx="";
}
mysql_free_result($past);

$pe = mysql_query("SELECT * FROM PHYSICALEXAM
WHERE PHY_PID='$PID' AND PHY_RECNO='$recno'");
if((mysql_num_rows($pe) > 0)) {
    while ($row = mysql_fetch_array($pe,
MYSQL_NUM)) {
        $weight= $row[1]; $height=
$row[2];
        $bp= $row[3]; $temp=
$row[4];
        $pulserate= $row[5];
$resprate= $row[6];
        $gensurvey= $row[7];
$skin= $row[8];
        $heent= $row[9]; $mobility=
$row[10];
        $lymph= $row[11]; $thyroid=
$row[12];
        $othermasses= $row[13];
$breast= $row[14];
        $thorax= $row[15]; $pulses=
$row[16];
        $abdomen= $row[17];
$genurinary= $row[18];
        $musculo= $row[19];
$mentalstat= $row[20];
        $cranial= $row[21]; $gait=
$row[22];
        $motor= $row[23]; $coord=
$row[24];
        $sensor= $row[25]; $super=
$row[26];
        $tendon= $row[27];
$abnormal= $row[28];
    }
}
else{
    $weight=""; $height="";
$bp=""; $temp=""; $pulserate="";
$resprate=""; $gensurvey="";
$skin=""; $heent=""; $mobility="";
$lymph=""; $thyroid="";
$othermasses=""; $breast=""; $thorax="";
$pulses=""; $abdomen="";
$genurinary=""; $musculo="";
$mentalstat="";
$cranial=""; $gait=""; $motor="";
$coord=""; $sensor="";
$super=""; $tendon="";
$abnormal="";
}
mysql_free_result($pe);

$ros = mysql_query("SELECT * FROM ROS WHERE
ROS_PID='$PID' AND ROS_RECNO='$recno'");
if((mysql_num_rows($ros) > 0)) {
    while ($row = mysql_fetch_array($ros,
MYSQL_NUM)) {
        $generalsurv= $row[2];
$eyes= $row[3];
        $ent= $row[4]; $heart=
$row[5];
        $resp= $row[6]; $gastroint=
$row[7];
        $genuri= $row[8]; $musc=
$row[9];
        $skinbreast= $row[10];
$neuro= $row[11];
        $psych= $row[12]; $endo=
$row[13];
        $hemato= $row[14];
    }
}

```

```

}
else{
    $generalsurv=""; $eyes="";
$ent=""; $heart="";
$resp=""; $gastroint="";
$genuri=""; $musc="";
$skinbreast=""; $neuro="";
$psych=""; $endo="";
$hemato="";
}
mysql_free_result($ros);

$cs = mysql_query("SELECT * FROM CASESUMMARY
WHERE CS_PID='$PID' AND CS_RECNO='$recno'");
if((mysql_num_rows($cs) > 0)) {
    while ($row = mysql_fetch_array($cs,
MYSQL_NUM)) {
        $subj= $row[2]; $obj=
$row[3];
        $assess= $row[4]; $plan=
$row[5];
    }
}
else{
    $subj=""; $obj="";
$assess=""; $plan="";
}
mysql_free_result($cs);
?>
<div id='addform'>
    <i>Note: items marked with
font color=#FF0000 are required
fields.</i><br><br>
    <table width=100%
    <tr align="center"
    bgcolor="#FFCC33">
        <td><div
class='menu'><a
href="#demographics">DEMOGRAPHICS</a></div></td>
        <td><div
class='menu'><a href="#cc">CC</a></div></td>
        <td><div
class='menu'><a href="#" onClick="return clickreturnvalue()
onMouseover="dropdownmenu(this, event,
'anylinkmenu4')">HX</a></div>
        <div id="anylinkmenu4" class="anylinkcss"
ALIGN=LEFT>
            <a href="#hxpresent">hx of present
illness<B>*</B></a>
            <a href="#birthdevt">birth and dev't hx</a>
            <a href="#menstrual">menstrual hx</a>
            <a href="#personalsocial">personal & social
hx</a>
            <a href="#pastmedicalhx">past medical hx</a>
        </div></td>
    </tr>
    <td><div
class='menu'><a
href="#diseaseprev">DPM</a></div></td>
    <td><div
class='menu'><a href="#ros">ROS</a></div></td>
    <td><div
class='menu'><a
href="#physicalexam">PE</a></div></td>
    <td><div
class='menu'><a
href="#casesummary">CS</a></div></td>
    </tr>
</table>

```



```

<br>
<div id='notice'
class='boxads4'></div>
<BR>
<div class='boxads2'>
<form
name="parentform" method="get" action="#">
<A
NAME="demographics"><br><h2>Demographics</h2></a>
<table
border=0 cellspacing=7>
<tr>
<td>Civil Status</td>
<td><INPUT name="civilstat" id="civilstat"
value='<?echo $civilstat;?>'></td>
</tr>
<tr>
<td>Address</td>
<td><INPUT name="address" id="address"
size=60 value='<?echo $address;?>'></td>
</tr>
<tr>
<td>Mobile no.</td>
<td><INPUT name="mobilen0" id="mobilen0"
value='<?echo $mobilen0;?>'></td>
</tr>
<tr>
<td>Tel no.</td>
<td><INPUT name="telno" id="telno" value='<?
echo $telno;?>'></td>
</tr>
<tr>
<td>Occupation</td>
<td><INPUT name="occupation" id="occupation"
value='<?echo $occupation;?>'></td>
</tr>
</table>
<A
NAME="cc"><br><h2>Chief Complaint <font
color=#FF0000><B>*</B></font></h2></a>
<textarea
cols="65" rows="2" name="chiefcomplaint"
id="chiefcomplaint"><?echo $chiefcomplaint;?></textarea>
<br><br>
<A
NAME="hxpresent"><br><h2>History of Present Illness
<font color=#FF0000><B>*</B></font></h2></a>
<textarea
cols="65" rows="2" name="hxpresent"
id="hxpresentillness"><?echo $hxpresent;?></textarea>
<br><br>
<A
NAME="birthdevt"><br><h2>Birth and Developmental
History</h2></a>
Feeding
History <textarea cols="65" rows="2" name="birtheaddevt"
id="birtheaddevt"><?echo $feedinghx; ?></textarea>
<br><br>

```

```

<A
NAME="menstrual"><br><h2>Menstrual History</h2></a>
<table
cellspacing=7>
<tr><td>Menarche-age</td><td><INPUT
name="menarcheage" id="menarcheage" value="<?echo
$menaage;?>"></td></tr>
<tr><td>Menopause-age</td><td><INPUT
name="menopauseage" id="menopauseage" value="<?echo
$menoage;?>"></td></tr>
<tr><td>Menstrual flow-
interval</td><td><INPUT name="mensinterval"
id="mensinterval" value="<?echo $flowint;?>"></td></tr>
<tr><td> Duration <INPUT name="duration"
id="duration" value="<?echo $duration;?>"
size=10></td><td> Amount <INPUT name="amount"
id="amount" value="<?echo $amt;?>" size=10></td></tr>
<tr><td> LMP <INPUT name="lmp" id="lmp"
value="<?echo $lmp;?>" size=10></td><td> PMP
<INPUT name="pmp" id="pmp" value="<?echo $pmp;?>"
size=10></td></tr>
</table>
<br><br>
<A
NAME="personalsocial"><br><h2>Personal and Social
History</h2></a>
<table
cellspacing=7>
<tr><td width=30%>Diets</td><td><INPUT
name="diets" id="diets" value="<?echo $diets;?>"
size=50></td></tr>
<tr><td>Habits</td><td><INPUT name="habits"
id="habits" value="<?echo $habits;?>" size=50></td></tr>
<tr><td>Hobbies</td><td><INPUT
name="hobbies" id="hobbies" value="<?echo $hobbies;?>"
size=50></td></tr>
</table>
<br><br>
<A
NAME="diseaseprev"><br><h2>Disease Prevention
Measures</h2></a>
I.
Immunizations <br><br>
<table
cellspacing=7 width=60% frame=box align=center>
<thead><tr
align=center><td><b>Type</b></td><td><b>Age</b></td><td><b>
Type</b></td><td><b>Age</b></td></tr></thead>
<tr><td>Diphtheria</td><td><input
name="diphtheria" id="diphtheria" size=6 value="<?echo
$diphtheria;?>" ></td><td>Measles</td><td><input
name="measles" id="measles" size=6 value="<?echo
$measles;?>"></td></tr>
<tr><td>Pertussis</td><td><input
name="pertussis" id="pertussis" size=6 value="<?echo
$pertussis;?>" ></td><td>Mumps</td><td><input
name="mumps" id="mumps" size=6 value="<?echo
$mumps;?>"></td></tr>
<tr><td>Tetanus</td><td><input
name="tetanus" id="tetanus" size=6 value="<?echo
$tetanus;?>" ></td><td>Rubella</td><td><input
name="rubella" id="rubella" size=6 value="<?echo
$rubella;?>"></td></tr>
<tr><td>Polio</td><td><input name="polio"

```

```
id="polio" size=6 value="<?echo $polio;?>"
></td><td>Influenza</td><td><input name="influenza"
id="influenza" size=6 value="<?echo $influenza;?
">></td></tr>
```

```
<tr><td>Hepatitis</td><td><input name="hepa"
id="hepa" size=6 value="<?echo $hepa;?>"></td><td>
</td></tr>
```

```
</table><br>
```

II. Regular

Medical Visits

```
<INPUT type="radio" name="regmed" id="regmed"
value='yes'>Yes
```

```
<INPUT type="radio" name="regmed" id="regmed"
value='no'>No
```

```
<br><br>III. Regular Blood tests/ x-rays
```

```
<INPUT type="radio" name="regblood"
id="regblood" value='yes'>Yes
```

```
<INPUT type="radio" name="regblood"
id="regblood" value='no'>No
```

```
<br><br> Result(s)<br>
```

```
<textarea cols="60" rows="1" name="regbloodresults"
id="regbloodresults"></textarea><br>
```

```
<br><br>
```

```
<A
```

```
NAME="pastmedicalhx"><br><h2>Past Medical
History</h2></a>
```

```
<table
```

```
cellspacing=7>
```

```
<tr><td>Allergies</td><td><INPUT
name="allergies" id="allergies" value="<?echo $allergies;?
">></td></tr>
```

```
<tr><td>Illnesses</td><td><INPUT
name="illnesses" id="illnesses" value="<?echo $illnesses;?
">></td></tr>
```

```
<tr><td>Operations</td><td><INPUT
name="operations" id="operations" value="<?echo
$operations;?>"></td></tr>
```

```
<tr><td>Transfusions</td><td><INPUT
name="transfusions" id="transfusions" value="<?echo
$transfusions;?>"></td></tr>
```

```
<tr><td>Injuries</td><td><INPUT
name="injuries" id="injuries" value="<?echo $injuries;?
">></td></tr>
```

```
<tr><td>Medications</td><td><INPUT
name="medications" id="medications" value="<?echo
$medications;?>"></td></tr>
```

```
<tr><td>Adverse Drug Rx</td><td><INPUT
name="adversedrug" id="adversedrug" value="<?echo
$drugrx;?>"></td></tr>
```

```
</table><br><br>
```

```
<A
```

```
NAME="ros"><br><h2>Review of Systems</h2></a>
```

```
Click the
```

```
following categories to view their corresponding checkboxes.
```

```
<table
```

```
cellspacing=7>
```

```
<tr><td width=18%><label id="category"
onClick="openChild('ros.php?
&categ=general','win2')">General</label></td><td><textar
```

```
ea cols=20 rows=1 name="general" id="general"><?echo
$generalsurv;?></textarea></td><td width=18%><label
id="category" onClick="openChild('ros.php?
&categ=musculoskeletal','win2')">Musculoskeletal</label><
td><td><textarea cols=20 rows=1 name="musculoskeletal"
id="musculoskeletal"><?echo $musc;?
></textarea></td></tr>
```

```
<tr><td ><label id="category"
onClick="openChild('ros.php?
&categ=eyesandvision','win2')">Eyes and
Vision</label></td><td><textarea cols=20 rows=1
name="eyes" id="eyes" ><?echo $eyes;?
></textarea></td><td width=18%><label id="category"
onClick="openChild('ros.php?
&categ=skinandbreasts','win2')">Skin and
Breasts</label></td><td><textarea cols=20 rows=1
name="skinbreast" id="skinbreast"><?echo $skinbreast;?
></textarea></td></tr>
```

```
<tr><td ><label id="category"
onClick="openChild('ros.php?
&categ=earsnoseandthroat','win2')">Ears, Nose and
Throat</label></td><td><textarea cols=20 rows=1
name="ent" id="ent" ><?echo $ent;?></textarea></td><td
width=18%><label id="category"
onClick="openChild('ros.php?
&categ=neurological','win2')">Neurological</label></td><td
><textarea cols=20 rows=1 name="neurological"
id="neurological"><?echo $neuro;?></textarea></td></tr>
```

```
<tr><td ><label id="category"
onClick="openChild('ros.php?
&categ=heartandcardiovascular','win2')">Heart and
Cardiovascular</label></td><td><textarea cols=20 rows=1
name="heart" id="heart" ><?echo $heart;?
></textarea></td><td width=18%><label id="category"
onClick="openChild('ros.php?
&categ=psychiatric','win2')">Psychiatric</label></td><td><
textarea cols=20 rows=1 name="psychiatric"
id="psychiatric"><?echo $psych;?></textarea></td></tr>
```

```
<tr><td ><label id="category"
onClick="openChild('ros.php?
&categ=resp','win2')">Respiratory</label></td><td><textar
ea cols=20 rows=1 name="respiratory" id="respiratory"><?
echo $resp;?></textarea></td><td width=18%><label
id="category" onClick="openChild('ros.php?
&categ=endocrine','win2')">Endocrine</label></td><td><te
xtarea cols=20 rows=1 name="endocrine" id="endocrine"
><?echo $endo;?></textarea></td></tr>
```

```
<tr><td ><label id="category"
onClick="openChild('ros.php?
&categ=gastrointestinal','win2')">Gastro-
intestinal</label></td><td><textarea cols=20 rows=1
name="gastrointestinal" id="gastrointestinal"><?echo
$gastroint;?></textarea></td><td width=18%><label
id="category" onClick="openChild('ros.php?
&categ=hematologiclymphatic','win2')">Hematologic/
Lymphatic</label></td><td><textarea cols=20 rows=1
name="hematologic" id="hematologic" ><?echo $hemato;?
></textarea></td></tr>
```

```
<tr><td ><label id="category"
onClick="openChild('ros.php?
&categ=genitourinary','win2')">Genito-
urinary</label></td><td><textarea cols=20 rows=1
name="genitourinary" id="genitourinary" ><?echo $genuri;?
></textarea></td><td width=18% colspan=2></td></tr>
```

```
</table>
```

```
<br><br>
```

```
<A
```

```
NAME="physicalexam"><br><h2>Physical
Examination</h2></a>
```

```
<table
```

```
cellspacing=7>
```

<tr><td>Weight </td><td><INPUT
name="weight" id="weight" size=5 value="<?echo \$weight;?
>"> (kg.)</td></tr>

<tr><td>Height </td><td><INPUT name="height"
id="height" size=5 value="<?echo \$height;?>" >
(cm.)</td></tr>

<tr><td>Blood pressure </td><td><INPUT
name="bp" id="bp" size=5 value="<?echo \$bp;?>">
(mm.Hg.)</td></tr>

<tr><td>Temp </td><td><INPUT name="temp"
id="temp" size=5 value="<?echo \$temp;?>"> (C)</td></tr>

<tr><td>Pulse rate/ character</td><td><INPUT
name="pulserate" id="pulserate" size=50 value="<?echo
\$pulserate;?>"></td></tr>

<tr><td>Respiratory rate/
pattern</td><td><INPUT name="resprate" id="resprate"
size=50 value="<?echo \$resprate;?>"></td></tr>

<tr><td>GENERAL
SURVEY</td><td><INPUT name="gensurvey"
id="gensurvey" size=50 value="<?echo \$gensurvey;?
>"></td></tr>

<tr><td>SKIN</td><td><INPUT
name="skinexam" id="skinexam" size=50 value="<?echo
\$skin;?>"> </td></tr>

<tr><td>HEENT</td><td><INPUT
name="heent" id="heent" size=50 value="<?echo \$heent;?
>"></td></tr>

<tr><td colspan=2>NECK</td></tr>

<tr><td>Mobility</td><td><INPUT
name="mobility" id="mobility" size=50 value="<?echo
\$mobility;?>"></td></tr>

<tr><td>Lymph nodes</td><td><INPUT
name="lymphnodes" id="lymphnodes" size=50 value="<?
echo \$lymph;?>"></td></tr>

<tr><td>Thyroid gland</td><td><INPUT
name="thyroid" id="thyroid" size=50 value="<?echo
\$thyroid;?>"></td></tr>

<tr><td>Other masses</td><td><INPUT
name="othermasses" id="othermasses" size=50 value="<?
echo \$othermasses;?>"></td></tr>

<tr><td>BREAST</td><td><INPUT
name="breastexam" id="breastexam" size=50 value="<?
echo \$breast;?>"></td></tr>

<tr><td>THORAX/ LUNGS</td><td><INPUT
name="thorax" id="thorax" size=50 value="<?echo
\$thorax;?>"></td></tr>

<tr><td>PULSES</td><td><INPUT
name="pulses" id="pulses" size=50 value="<?echo \$pulses;?
>"></td></tr>

<tr><td>ABDOMEN</td><td><INPUT
name="abdomen" id="abdomen" size=50 value="<?echo
\$abdomen;?>"></td></tr>

<tr><td>GENITO-URINARY</td><td><INPUT
name="genitourinaryexam" id="genitourinaryexam" size=50
value="<?echo \$genurinary;?>"></td></tr>

<tr><td>MUSCULOSKELETAL</td><td><INPUT
name="musculoskeletalexam" id="musculoskeletalexam"
size=50 value="<?echo \$musculo;?>"></td></tr>

<tr><td colspan=2>NEUROLOGICAL</td></tr>

<tr><td>Mental status</td><td><INPUT
name="mentalstat" id="mentalstat" value="<?echo
\$mentalstat;?>" size=50 ></td></tr>

<tr><td>Cranial nerves</td><td><INPUT
name="cranialnerves" id="cranialnerves" size=50 value="<?
echo \$cranial;?>"></td></tr>

<tr><td>Gait and station</td><td><INPUT
name="gait" id="gait" size=50 value="<?echo \$gait;?
>"></td></tr>

<tr><td>Motor</td><td><INPUT
name="motor" id="motor" size=50 value="<?echo \$motor;?
>"></td></tr>

<tr><td>Coordination</td><td><INPUT
name="coord" id="coord" size=50 value="<?echo \$coord;?
>"></td></tr>

<tr><td>Sensory</td><td><INPUT
name="sensory" id="sensory" size=50 value="<?echo
\$sensor;?>"></td></tr>

<tr><td colspan=2>Reflexes</td></tr>

<tr><td>Superficial</td><td><INPUT
name="superficial" id="superficial" size=50 value="<?echo
\$super;?>"></td></tr>

<tr><td>Deep tendon</td><td><INPUT
name="deeptendon" id="deeptendon" size=50 value="<?
echo \$tendon;?>"></td></tr>

<tr><td>Abnormal</td><td><INPUT
name="abnormal" id="abnormal" size=50 value="<?echo
\$abnormal;?>"></td></tr>

</table>

<h2>Case Summary <font
color=#FF0000>*</h2>

I. Subjective
Data
 <textarea cols="50" rows="2"
name="subjective" id="subjective"><?echo \$subj;?
></textarea>

II. Objective
Data
 <textarea cols="50" rows="2"
name="objective" id="objective"><?echo \$obj;?
></textarea>

III.
Assessment
 <textarea cols="50" rows="2"
name="assessment" id="assessment"><?echo \$assess;?
></textarea>

IV. Plan(s)

 <textarea cols="50" rows="2" name="plans"
id="plans"><?echo \$plan;?></textarea>

</div>

<div align=center><input
type=button value="Save as FINAL" id="mode2"
onClick="sendRequest('FINAL');"></div>

```

        </form>
    </div><!--ADDFORM-->
</div><!--CENTER-->
<div class="leftmenu">

        <div class="padding"
align="center">
                <?php showIcons();?>

                <br>
                <hr>
            </div>
            <div class="padding">
            <h2>Funtionalities</h2>

            <div class="nav">
                <?php
showMenu($_SESSION["emptytype"]); ?>
            </div>
        </div>
    </div>
    </div>
    <br /> <br />
    <div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>

</div>
</body>
</html>

```

ajax-editdrafts.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');

    $mode = $_GET['method'];
    $PID = $_COOKIE["editpid"];
    $recno = $_COOKIE["editrecno"];

    $empty="";
    $insert=true;

    $empname = $_SESSION["empname"];
    $username = $_SESSION["username"];
    $timestamp= date("Y-m-d H:i:s");

    $cc = $_GET['cc']; if(empty($cc)) $empty.="chief
complaint <br>";
    $hxpres = $_GET['hxpres']; if(empty($hxpres))
$empty.="history of present illness <br>";
    $subj= $_GET['subj']; if(empty($subj))
$empty.="subjective data <br>";
    $obj= $_GET['obj']; if(empty($obj))
$empty.="objective data <br>";
    $assessment=$_GET['assessment'];
if(empty($assessment)) $empty.="assessment <br>";
    $plans=$_GET['plans']; if(empty($plans))
$empty.="plans <br>";

    //NOT REQUIRED BUT SHOULD BE VALIDATED
    $mensalrt="Integer input is expected in:";
    $menage = $_GET['menage'];
if(is_int($menage)) $mensalrt.="MENARCHE-AGE<br>";
    $menoage = $_GET['menoage'];
if(is_int($menoage)) $mensalrt.="MENOPAUSE-AGE<br>";
    $disalrt="Integer input is expected in:";
    $diphtheria = $_GET['diphtheria'];
if(is_int($diphtheria)) $disalrt.="DIPHTHERIA<br>";
    $pertussis = $_GET['pertussis'];
if(is_int($pertussis)) $disalrt.="PERTUSSIS<br>";
    $tetanus = $_GET['tetanus'];
if(is_int($tetanus)) $disalrt.="TETANUS<br>";
    $polio = $_GET['polio']; if(is_int($polio))
$disalrt.="POLIO<br>";
    $hepa = $_GET['hepa']; if(is_int($hepa))
$disalrt.="HEPATITIS<br>";

```

```

    $measles = $_GET['measles'];
if(is_int($measles)) $disalrt.="MEASLES<br>";
    $mumps = $_GET['mumps'];
if(is_int($mumps)) $disalrt.="MUMPS<br>";
    $rubella = $_GET['rubella'];
if(is_int($rubella)) $disalrt.="RUBELLA<br>";
    $influenza = $_GET['influenza'];
if(is_int($influenza)) $disalrt.="INFLUENZA<br>";

    if($empty!=""){//at least one of the required fields is
empty
        echo "<b>Please fill-out the following
required fields </b><br>" . $empty;
        $insert=false;
    }
    if(strlen($mensalrt)>29){ echo $mensalrt."<br>";
$insert=false;}
    if(strlen($disalrt)>29){ echo $disalrt."<br>";
$insert=false;}

    if($insert){// RETRIEVE OTHER VALUES THEN
INSERT/UPDATE DBASE
        $civilstat = $_GET['civilstat'];
        $address = $_GET['address'];
        $mobileneno = $_GET['mobileneno'];
        $telno = $_GET['telno'];
        $occupation = $_GET['occupation'];

        $birthdevt = $_GET['birthdevt'];

        $mensint = $_GET['mensint'];
        $duration = $_GET['duration'];
        $amount = $_GET['amount'];
        $lmp = $_GET['lmp'];
        $pmp = $_GET['pmp'];

        $diets = $_GET['diets'];
        $habits = $_GET['habits'];
        $hobbies = $_GET['hobbies'];

        $regmed = $_GET['regmed'];
        $regblood = $_GET['regblood'];
        $regbloodresults =
$_GET['regbloodresults'];

        $allergies = $_GET['allergies'];
        $illnesses = $_GET['illnesses'];
        $operations = $_GET['operations'];
        $transfusions = $_GET['transfusions'];
        $injuries = $_GET['injuries'];
        $medications = $_GET['medications'];
        $adversedrug = $_GET['adversedrug'];

        $general = $_GET['general'];
        $eyes = $_GET['eyes'];
        $ent = $_GET['ent'];
        $resp = $_GET['resp'];
        $heart = $_GET['heart'];
        $gastro = $_GET['gastro'];
        $genito = $_GET['genito'];
        $musculo = $_GET['musculo'];
        $skinbreast = $_GET['skinbreast'];
        $neurologic = $_GET['neurologic'];
        $psychiatric = $_GET['psychiatric'];
        $endocrine = $_GET['endocrine'];
        $hematologic = $_GET['hematologic'];

        $height = $_GET['height'];
        $weight = $_GET['weight'];
        $bp = $_GET['bp'];
        $temp = $_GET['temp'];
        $pulserate = $_GET['pulserate'];
        $resprate = $_GET['resprate'];
        $gensurvey = $_GET['gensurvey'];
        $skinexam = $_GET['skinexam'];
        $heent = $_GET['heent'];
        $mobility = $_GET['mobility'];
        $lymphnodes = $_GET['lymphnodes'];
        $thyroid = $_GET['thyroid'];

```

```

    $othermasses = $_GET['othermasses'];
    $breastexam = $_GET['breastexam'];
    $thorax = $_GET['thorax'];
    $pulses = $_GET['pulses'];
    $abdomen = $_GET['abdomen'];
    $genitourinaryexam =
$_GET['genitourinaryexam'];
    $musculoskeletalexam =
$_GET['musculoskeletalexam'];
    $mentalstat = $_GET['mentalstat'];
    $cranial = $_GET['cranial'];
    $gait = $_GET['gait'];
    $motor = $_GET['motor'];
    $coord = $_GET['coord'];
    $sensory = $_GET['sensory'];
    $superficial = $_GET['superficial'];
    $deeptendon = $_GET['deeptendon'];
    $abnormal = $_GET['abnormal'];

    $medcons = mysql_query("UPDATE
MED_CONS SET MED_STAT='$mode',
MED_TIMESTAMP='$timestamp', CHIEF_COMPLAINT='$cc',
HXPRESSENTILLNESS='$hxpres'
WHERE MED_PID='$PID' and
MED_RECNO='$recno'");

    if($medcons){
        $patinfo =
mysql_query("UPDATE PATIENT SET
        CIVILSTAT='$civilstat', ADDRESS='$address',
        MOBILENO='$mobilen0', TELNO='$telno',
        OCCUPATION='$occupation'
        where PATIENTID='$PID'");

        $soap = mysql_query("UPDATE
CASESUMMARY
        SET SUBJECTIVE='$subj', OBJECTIVE='$obj',
        ASSESSMENT='$assessment', PLANS='$plans',
        CS_STAMP='$timestamp'
        WHERE CS_PID='$PID' AND CS_RECNO='$recno'");

        $checkbirth=
mysql_query("SELECT * FROM BIRTHDEVT WHERE
        BIRTH_PID='$PID' and BIRTH_RECNO='$recno'");

        if((mysql_num_rows($checkbirth) == 0) {
            if(!empty($birthdevt))
            {
                $bdevt =
mysql_query("INSERT INTO BIRTHDEVT
        (BIRTH_PID,
        FEEDINGHX, BIRTH_STAMP, BIRTH_RECNO)
        VALUES( '$PID', '$birthdevt',
        '$timestamp','$recno')");
            }
            else{
                $bdevt =
mysql_query("UPDATE BIRTHDEVT SET
        FEEDINGHX='$birthdevt',
        BIRTH_STAMP='$timestamp' WHERE BIRTH_PID='$PID' and
        BIRTH_RECNO='$recno'");
            }

            //MENTRUAL HX
            $checkmens=
mysql_query("SELECT * FROM MENSTRUALHX WHERE
        MENS_PID='$PID' AND MENS_RECNO='$recno'");

            if(mysql_num_rows($checkmens) == 0) {
                if(!empty($menage)
or !empty($menoage) or !empty($mensint) or !
empty($duration) or !empty($amount)

```

```

or !empty($lmp) or !
empty($pmp)){//at least one of them is not empty
        $menstrual
= mysql_query("INSERT INTO MENSTRUALHX
        (MENS_PID,
        MENARCHEAGE, MENOPAUSEAGE,MENS_FLOWINT,
        MENS_DURATION, MENS_AMOUNT, LMP, PMP,
        MENS_STAMP,MENS_RECNO)
        VALUES( '$PID', '$menage', '$menoage', '$mensint',
        '$duration','$amount', '$lmp', '$pmp',
        '$timestamp','$recno')");
    }
    else{
        $menstrual =
mysql_query("UPDATE MENSTRUALHX SET
        MENARCHEAGE='$menage',
        MENOPAUSEAGE='$menoage', MENS_FLOWINT='$mensint',
        MENS_DURATION='$duration',
        MENS_AMOUNT='$amount', LMP='$lmp', PMP='$pmp',
        MENS_STAMP='$timestamp'
        WHERE
        MENS_PID='$PID' AND MENS_RECNO='$recno'");
    }

    //PERSONAL AND SOCIAL HX
    $checkps=
mysql_query("SELECT * FROM PERSONALSOCIALHX WHERE
        PER_PID='$PID' AND PER_RECNO='$recno'");

    if(mysql_num_rows($checkps)
== 0) {
        if(!empty($diets) or !
empty($habits) or !empty($hobbies)){//at least one of them is
not empty
            $personal =
mysql_query("INSERT INTO PERSONALSOCIALHX
        (PER_PID ,
        DIETS, HABITS,HOBBIES, PER_STAMP, PER_RECNO)
        VALUES( '$PID', '$diets', '$habits', '$hobbies',
        '$timestamp','$recno')");
        }
        else{
            $personal =
mysql_query("UPDATE PERSONALSOCIALHX SET
        DIETS='$diets',
        HABITS='$habits',HOBBIES='$hobbies',
        PER_STAMP='$timestamp' WHERE PER_PID='$PID' AND
        PER_RECNO='$recno'");
        }

        //DISEASE PREV MEASURES
        $checkdp=
mysql_query("SELECT * FROM DISEASEPREV WHERE
        DIS_PID='$PID' and DIS_RECNO='$recno'");

        if(mysql_num_rows($checkdp)
== 0) {
            if(!empty($diphtheria)
or !empty($pertussis) or !empty($tetanus) or !
empty($polio)
            or !empty($hepa) or !
empty($measles) or !empty($mumps) or !empty($rubella) or !
empty($influenza)
            or !empty($regmed)
or !empty($regblood) or !empty($regbloodresults )){//at least
one of them is not empty
                $disease =
mysql_query("INSERT INTO DISEASEPREV
        (DIS_PID ,DIPHTHERIA,PERTUSSIS,TETANUS, POLIO,
        HEPATITIS, MEASLES, MUMPS, RUBELLA,
        INFLUENZA,MEDVISITS , BLOODTEST, TESTRESULTS,
        DIS_STAMP,DIS_RECNO )

```

```

VALUES( '$PID', '$diphtheria', '$pertussis', '$tetanus',
'$polio', '$hepa', '$measles', '$mumps', '$rubella', '$influenza',
'$regmed', '$regblood', '$regbloodresults',
'$timestamp', '$recno' );
}
else{
$disease =
mysql_query("UPDATE DISEASEPREV SET
DIPHTHERIA='$diphtheria',PERTUSSIS='$pertussis',TETANUS='$t
etanus', POLIO='$polio', HEPATITIS='$hepa',
MEASLES='$measles', MUMPS='$mumps',
RUBELLA='$rubella',
INFLUENZA='$influenza',MEDVISITS='$regmed',
BLOODTEST='$regblood',
TESTRESULTS='$regbloodresults', DIS_STAMP='$timestamp'
WHERE
DIS_PID='$PID' and DIS_RECNO='$recno'");
}
//PAST MEDICAL HX
$checkpast=
mysql_query("SELECT * FROM PASTMEDHX WHERE
PAST_PID='$PID' AND PAST_RECNO='$recno'");
if((mysql_num_rows($checkpast) == 0) {
if(!empty($allergies)
or !empty($illnesses) or !empty($operations) or !
empty($transfusions) or !empty($injuries)
or !
empty($medications) or !empty($adversedrug)){//at least one
of them is not empty
$pastmed =
mysql_query("INSERT INTO PASTMEDHX
(PAST_PID ,ALLERGIES,ILLNESSES,OPERATIONS,
TRANSFUSIONS, INJURIES, MEDICATIONS, ADVERSEDUG,
PAST_STAMP,PAST_RECNO)
VALUES( '$PID', '$allergies', '$illnesses',
'$operations', '$transfusions', '$injuries', '$medications',
'$adversedrug', '$timestamp','$recno'");
}
else{
$pastmed =
mysql_query("UPDATE PASTMEDHX SET
ALLERGIES='$allergies',ILLNESSES='$illnesses',OPERATIONS='
$operations', TRANSFUSIONS='$transfusions',
INJURIES='$injuries', MEDICATIONS='$medications',
ADVERSEDUG='$adversedrug', PAST_STAMP='$timestamp'
WHERE PAST_PID='$PID' AND
PAST_RECNO='$recno'");
}
//ROS
$checkros=
mysql_query("SELECT * FROM ROS WHERE ROS_PID='$PID'
AND ROS_RECNO='$recno'");
if((mysql_num_rows($checkros)
== 0) {
if(!empty($general) or
!empty($eyes) or !empty($ent) or !empty($resp) or !
empty($heart)
or !
empty($gastro) or !empty($genito) or !empty($musculo) or !
empty($skinbreast) or !empty($neurologic) or !
empty($psychiatric)
or !
empty($endocrine) or !empty($hematologic)){
$ros =
mysql_query("INSERT INTO ROS
(ROS_PID ,ROS_RECNO,GENERALSURV, EYES,ENT,
HEART, RESPIRATORY, GASTROINTESTINAL, GENITOURINARY,
MUSCULOSKELETAL,
SKINBREAST,NEUROLOGIC , PSYCHIATRIC,
ENDOCRINE, HEMATOLOGIC,ROS_STAMP)
VALUES( '$PID', '$recno','$general', '$eyes', '$ent',
'$heart', '$resp', '$gastro', '$genito', '$musculo'
'$skinbreast', '$neurologic', '$psychiatric', '$endocrine',
'$hematologic', '$timestamp'");
}
else{
$ros =
mysql_query("UPDATE ROS SET
GENERALSURV='$general',
EYES='$eyes',ENT='$ent', HEART='$heart',
RESPIRATORY='$resp', GASTROINTESTINAL='$gastro',
GENITOURINARY='$genito', MUSCULOSKELETAL='$musculo',
SKINBREAST='$skinbreast',NEUROLOGIC='$neurologic' ,
PSYCHIATRIC='$psychiatric', ENDOCRINE='$endocrine',
HEMATOLOGIC='$hematologic',ROS_STAMP='$timestamp'
WHERE ROS_PID='$PID' AND
ROS_RECNO='$recno'");
}
//PE
$checkpe=
mysql_query("SELECT * FROM PHYSICALEXAM WHERE
PHY_PID='$PID' AND PHY_RECNO='$recno'");
if((mysql_num_rows($checkpe)
== 0) {
if(!empty($height) or !
empty($weight) or !empty($bp) or !empty($temp) or !
empty($pulserate)
or !
empty($resprate) or !empty($gensurvey) or !
empty($skinexam) or !empty($heent) or !empty($mobility)
or !empty($lymphnodes)
or !
empty($thyroid) or !empty($othermasses) or !
empty($breastexam) or !empty($thorax) or !empty($pulses)
or !empty($abdomen)
or !
empty($genitourinaryexam) or !
empty($musculoskeletalexam) or !empty($mentalstat) or !
empty($cranial)
or !
empty($gait) or !empty($motor) or !empty($coord) or !
empty($superficial) or !empty($deeptendon) or !
empty($abnormal)){//at least one of them is not empty
$pe=
mysql_query("INSERT INTO PHYSICALEXAM
(PHY_PID ,PHY_RECNO,WEIGHT,HEIGHT,BP, TEMP,
PULSERATE, RESPRATE, GENSURVEY, SKIN,HEENT,MOBILITY,
LYMPH, THYROID,
OTHERMASSES, BREAST, THORAX, PULSES,
ABDOMEN, GENURINARY, MUSCULO, MENTALSTAT,
CRANIALNERVES, GAITSTATION,
MOTOR, COORDINATION, SENSORY, SUPERFICIAL,
DEEPTENDON, ABNORMAL, PHY_STAMP)
VALUES( '$PID','$recno', '$weight', '$height', '$bp', '$temp',
'$pulserate','$resprate', '$gensurvey', '$skinexam', '$heent',
'$mobility','$lymphnodes','$thyroid','$othermasses',
'$breastexam', '$thorax', '$pulses', '$abdomen',

```

```

'$genitourinaryexam', '$musculoskeletalexam', '$mentalstat',
'$cranial', '$gait', '$motor', '$coord', '$sensory', '$superficial',
'$deeptendon', '$abnormal', '$timestamp');" );
    }
    }
    else{
        $pe=
mysql_query("UPDATE PHYSICALEXAM SET
    WEIGHT='$weight',HEIGHT='$height',BP='$bp',
    TEMP='$temp', PULSERATE='$pulserate',
    RESPRATE='$resprate', GENSURVEY='$gensurvey',
    SKIN='$skinexam',HEENT='$heent',MOBILITY='$mobility',
    LYMPH='$lymphnodes', THYROID='$thyroid',
    OTHERMASSES='$othermasses',
    BREAST='$breastexam', THORAX='$thorax',
    PULSES='$pulses', ABDOMEN='$abdomen',
    GENURINARY='$genitourinaryexam',
    MUSCULO='$musculoskeletalexam',
    MENTALSTAT='$mentalstat', CRANIALNERVES='$cranial',
    GAITSTATION='$gait',
    MOTOR='$motor', COORDINATION='$coord',
    SENSORY='$sensory', SUPERFICIAL='$superficial',
    DEEPTENDON='$deeptendon', ABNORMAL='$abnormal',
    PHY_STAMP='$timestamp'
    WHERE PHY_PID='$PID' AND
    PHY_RECNO='$recno'" );
    }
    $audittrail =
mysql_query("INSERT INTO AUDIT
    (AUDITUSERID, AUDITRECNO, AUDITDETAILS,
    AUDITSTAMP)
    VALUES('$username','$recno', 'Finalized a draft
    medical record.', '$timestamp');" );
    ?> <div>You have successfully
    finalized a draft <label id='viewme' onClick="viewPatient('<?
    echo $PID;?>', '<?echo $recno;?>')">medical consultation
    record</label>.<br><br>
    Click here to schedule your
    patient for a <label id='viewme' onClick="setCheckup('<?
    echo $PID;?>', '<?echo $recno;?>')">check-
    up</label>.</div>
    <?php
    }//END OF IF MEDCONS
    else{
        echo "<br>ERROR: Your
        transaction cannot be processed. An unknown error has
        occured in the system.<br><br>";
        exit();
    }
    }//END OF IF INSERT
    else
    {
        echo "<br>ERROR: Your
        transaction cannot be processed. An unknown error has
        occured in the system.<br><br>";
        exit();
    }
}
?>

```

dai.php

```

<?
    session_start();
    require'config.php';
    connectdatabase('LUCIS');
    $daic = $_COOKIE['dai'];
    ?>
<HTML><HEAD>
<style type="text/css" media="all">@import "images/style-
edited.css";</style>

```

```

<SCRIPT LANGUAGE="JavaScript">
function updateParent() {
    var category =
    document.getElementById('daihidden').value;
    if(category=="sledai"){
        var total=0;
        for(var i=0; i <
        document.childform.sledai.length; i++){
            if(document.childform.sledai[i].checked)
                total= parseInt(total) +
                parseInt(document.childform.sledai[i].value);
            }
        var notes=
        document.childform.sledainotes.value;
        if(notes=="Put your notes here")
            notes="";
        opener.document.parentform.sledaiscore.value =
        total;
        opener.document.parentform.sledainotes.value =
        notes;
    }
    else if(category=="bilag"){
        var
        bilagprev=document.childform.bilagprev.value;
        if(bilagprev=="true"){
            var
            bilagpgen=document.childform.bilagpgen.value;
            var
            bilagpmuco=document.childform.bilagpmuco.value;
            var
            bilagpneuro=document.childform.bilagpneuro.value;
            var
            bilagpmusculo=document.childform.bilagpmusculo.value;
            var
            bilagpcardio=document.childform.bilagpcardio.value;
            var
            bilagpvascu=document.childform.bilagpvascu.value;
            var
            bilagprenal=document.childform.bilagprenal.value;
            var
            bilagphema=document.childform.bilagphema.value;
        }
        else{
            var bilagpgen="";
            var bilagpmuco="";
            var bilagpneuro="";
            var bilagpmusculo="";
            var bilagpcardio="";
            var bilagpvascu="";
            var bilagprenal="";
            var bilagphema="";
        }
        var elem =
        document.getElementById('childform').elements;
        //general category
        var gencnt=0;
        var pyrexia=false;
        var genscore='F';
        for(var i=1; i<=5; i++){
            if(elem[i].value != "")
                gencnt++;
            if(elem[1].value != "")
                pyrexia=true;
        }
        if(pyrexia && gencnt>=3)
            genscore='A';
        else if(pyrexia || gencnt==2)
            genscore='B';
        else if(gencnt>=1 && !pyrexia)
            genscore='C';
        else if(bilagpgen!=" &&
        bilagpgen!='E') genscore='D';
        else genscore='E';
    }
}

```

```

    opener.document.parentform.bilaggeneral.value =
genscore;
    //mucocutaneous
    if((elem[6].value != "") ||
(elem[8].value != "") || (elem[13].value != "") || (elem[14].value !=
"")) mucoscore='A';
    else if((elem[16].value != "") ||
(elem[7].value != "") || (elem[12].value != "") || (elem[9].value !=
""))
    (elem[10].value != "")
|| (elem[17].value != "") || (elem[18].value != "")
mucoscore='B';
    else if((elem[19].value != "") ||
(elem[20].value != "") || (elem[21].value != "") || (elem[22].value !=
""))
    (elem[23].value != "")
|| (elem[11].value != "") || (elem[15].value != "")
mucoscore='C';
    else if(bilagpmuco!=" &&
bilagpmuco!='E') genscore='D';
    else mucoscore='E';

    opener.document.parentform.bilagmuco.value =
mucoscore;
    //nervous system
    if((elem[24].value != "") ||
(elem[25].value != "") || (elem[26].value != "") || (elem[27].value !=
""))
    ||
(elem[28].value != "") || (elem[29].value != "") || (elem[30].value !=
"") || (elem[31].value != "")
    ||
(elem[33].value != "") || (elem[34].value != "") neuroscore='A';
    else if((elem[35].value != "") ||
(elem[36].value != "") || (elem[37].value != "") || (elem[32].value !=
"")) neuroscore='B';
    else if((elem[38].value != ""))
neuroscore='C';
    else if(bilagpneuro!=" &&
bilagpneuro!='E') neuroscore='D';
    else neuroscore='E';

    opener.document.parentform.bilagneuro.value =
neuroscore;
    //musculoskeletal system
    if((elem[39].value != "") ||
(elem[40].value != "")) musculoscore='A';
    else if((elem[41].value != "") ||
(elem[42].value != "")) musculoscore='B';
    else if((elem[44].value != ""))
(elem[45].value != "") || (elem[46].value != ""
|| (elem[47].value !=
"")) || (elem[43].value != "") musculoscore='C';
    else if(bilagpmusculo!=" &&
bilagpmusculo!='E') musculoscore='D';
    else musculoscore='E';

    opener.document.parentform.bilagmusculo.value =
musculoscore;
    //cardio
    var cardiocnt=0;
    for(var j=48; j<=59; j++){
    if((j==54) || (j==55) ||
(j==56) || (j==58)){
        if(elem[j].value =='Y') cardiocnt++;
        }
        else if(elem[j].value !=
"") cardiocnt++;
        if(j==49) j=50;
        if(j==51) j=52;
    }
    if(((elem[50].value != "") &&
(elem[52].value != "") && cardiocnt>=2) || (cardiocnt>=4))
cardioscore='A';
    else if(cardiocnt==2)
cardioscore='B';

```

```

    else if((elem[53].value != "") ||
cardiocnt==1) cardioscore='C';
    else if(bilagpcardio!=" &&
bilagpcardio!='E') cardioscore='D';
    else cardioscore='E';

    opener.document.parentform.bilagcardio.value =
cardioscore;
    //vasculoskeletal system
    if((elem[60].value != "") ||
(elem[61].value != "") || (elem[62].value != "") vascuscore='A';
    else if((elem[65].value != "") ||
(elem[66].value != "") || (elem[67].value != "") vascuscore='B';
    else if((elem[63].value != ""))
(elem[64].value != "") vascuscore='C';
    else if(bilagpvascu!=" &&
bilagpvascu!='E') vascuscore='D';
    else vascuscore='E';

    opener.document.parentform.bilagvascu.value =
vascuscore;
    //renal
    acnt=0;
    for(var k=70; k<=78; k++){
    if(k==70)
    { if(elem[70].value =='Y') acnt++;}
    else if(k==74)
    { if(elem[74].value =='Y') acnt++;}
    else if(k==77)
    { if(elem[77].value =='Y') acnt++;}
    else if((elem[k].value !=
"") acnt++;
    }
    if(((elem[73].value != "") ||
(elem[77].value =='Y') || (elem[78].value != "") &&
(acnt>=3))
renalscore='A';
    else if((elem[71].value != "") ||
(elem[72].value != "") || (acnt==1)) renalscore='B';
    else if((elem[68].value != "") ||
(elem[69].value != "") || (elem[74].value != "") || (elem[75].value !=
"")) renalscore='C';
    else if(bilagprenal!=" &&
bilagprenal!='E') renalscore='D';
    else renalscore='E';

    opener.document.parentform.bilagrenal.value =
renalscore;
    //hematology
    if((elem[80].value <1000) ||
(elem[83].value <25) || (elem[79].value <8)) hemascor='A';
    else if (((elem[80].value
<2500)&& (elem[80].value >=1000) ) ||
((elem[83].value
<100) && (elem[83].value >=25) ) ||
((elem[79].value
<11)&& (elem[79].value >=8) ) || (elem[84].value =='Y'))
hemascor='B';
    else if (((elem[80].value
<4000)&& (elem[80].value >=2500) ) ||
((elem[83].value
<150) && (elem[83].value >=100) ) ||
(elem[82].value
<1500) || (elem[85].value =='Y') || (elem[86].value =='Y'))
hemascor='C';
    else if(bilagphema!=" &&
bilagphema!='E') hemascor='D';
    else hemascor='E';

    opener.document.parentform.bilaghema.value =
hemascor;

    opener.document.parentform.bilagscore.value =
'true';
    }
    else if(category=="slam"){
    var slamcons=
getVal(document.childform.slam1) +

```



```

getVal(document.childform.slam2) +
getVal(document.childform.slam3);
    var slaminteg =
getVal(document.childform.slam4) +
getVal(document.childform.slam5) +
getVal(document.childform.slam6) +
getVal(document.childform.slam7);
    var slameye =
getVal(document.childform.slam8) +
getVal(document.childform.slam9) +
getVal(document.childform.slam10);
    var slamreticulo=
getVal(document.childform.slam11) +
getVal(document.childform.slam12);
    var
slampulmo=getVal(document.childform.slam13)+getVal(docu
ment.childform.slam14);
    var
slamcardio=getVal(document.childform.slam15)+getVal(docu
ment.childform.slam16)+getVal(document.childform.slam17);
    var
slamgastro=getVal(document.childform.slam18);
    var
slamneuro=getVal(document.childform.slam19)+getVal(docu
ment.childform.slam20)+getVal(document.childform.slam21)
+getVal(document.childform.slam22);
    var
slamjoints=getVal(document.childform.slam23);
    var
slamlab=getVal(document.childform.slam24)+getVal(docume
nt.childform.slam25)+getVal(document.childform.slam26)+

getVal(document.childform.slam27)+getVal(document.childform
.slam28)+getVal(document.childform.slam29)+getVal(docu
ment.childform.slam30);

    var slamtotal= parseInt(slamcons)
+parseInt(slaminteg)+parseInt(slameye)
+parseInt(slamreticulo)+parseInt(slampulmo)
+parseInt(slamcardio)
+parseInt(slamgastro)+parseInt(slamneuro)
+parseInt(slamjoints)+parseInt(slamlab);

    var notes=
document.childform.slamnotes.value;
    if(notes=="Put your notes here")
notes="";

    //alert(slamtotal + slamnotes);

    opener.document.parentform.slamscore.value =
slamtotal;

    opener.document.parentform.slamcons.value =
slamcons;

    opener.document.parentform.slaminteg.value =
slaminteg;

    opener.document.parentform.slameye.value =
slameye;

    opener.document.parentform.slamreticulo.value =
slamreticulo;

    opener.document.parentform.slampulmo.value =
slampulmo;

    opener.document.parentform.slamcardio.value =
slamcardio;

    opener.document.parentform.slamgastro.value =
slamgastro;

    opener.document.parentform.slamneuro.value =
slamneuro;

```

```

    opener.document.parentform.slamjoints.value =
slamjoints;

    opener.document.parentform.slamlab.value =
slamlab;

    opener.document.parentform.slamnotes.value =
notes;
}
else if(category=="eclam"){
    var total=0; var countcheck=0;
    for(var i=0; i <
document.childform.eclam.length; i++){
        if(document.childform.eclam[i].checked){
            total=
parseFloat(total) +
parseFloat(document.childform.eclam[i].value);
            countcheck =
parseFloat(countcheck) + 1;
        }
    }
    if((countcheck==1) &&
((document.childform.eclam[4].checked)||
document.childform.eclam[8].checked)||
(document.childform.eclam[9].checked)||
(document.childform.eclam[11].checked)) total =
parseFloat(total) + 2;
    if(total>10) total=10;
    if(total%1!=0){//float
        if(total<6)
total=Math.floor(total);
        else total=Math.ceil(total);
    }
    var notes=
document.childform.eclamnotes.value;
    if(notes=="Put your notes here")
notes="";

    opener.document.parentform.eclamscore.value =
total;

    opener.document.parentform.eclamnotes.value =
notes;
}

self.close();
return false;
}
function getVal(radio){
    for (i=0; i<radio.length; i++){
        if (radio[i].checked == true) return
parseFloat(radio[i].value);
    }
}
</SCRIPT>
</HEAD><BODY>
<?php
    echo "<input type=hidden id='daihidden'
value='$daic'>";
?>
<div id="main"><div class='boxads3' align=center>
<FORM NAME="childform" id="childform" onSubmit="return
updateParent();">

<?php
    if($daic=="sledai"){//output general category
options
?>
        <table width=100% rules=rows>
        <tr><td colspan=4><h2><?php echo
"SLEDAI"; ?></h2>
            <b> Systemic Lupus
Erythematosus Disease Activity Index </b><br><br>

```

Check box if descriptor is present at the time of visit or in the preceeding 10 days

Present

Descriptor

Definition

Seizure

Recent onset. Exclude metabolic, infectious or drug cause.

Psychosis

Altered ability to function in normal activity due to severe disturbance in the perception of reality.

Organic Brain Syndrome

Altered mental function with impaired orientation, memory or other intelligent function, with rapid onset fluctuating clinical features.

Visual Disturbance

Retinal changes of SLE. Include cytoid bodies, serious exodate or hemorrhages in the choroids, or optic neuritis. Exclude hypertension, infection, or drug causes.

Cranial Nerve Disorder

New onset of sensory or motor neuropathy involving cranial nerves.

Lupus Headache

Severe persistent headache: may be migrainous, but must be nonresponsive to narcotic analgesia.

CVA

New onset of cerebrovascular accident(s). Exclude arteriosclerosis

Vasculitis

Ulceration, gangrene, tender finger nodules, periungual, infarction, splinter hemorrhages, or biopsy or angiogram proof of vasculitis

Arthritis

More than 2 joints with pain and signs of inflammation (i.e. tenderness, swelling, or effusion).

Myositis

Proximal muscle aching/weakness, associated with elevated creatine phosphokinase/adolase or electromyogram changes or a biopsy showing myositis.

Urinary Casts

Heme-granular or red blood cell casts

Hematuria

>5 red blood cells/high power field. Exclude stone, infection or other cause

Proteinuria

>0.5 gm/24 hours. New onset or recent increase of more than 0.5 gm/24 hours.

Pyuria

>5 white blood cells/high power field. Exclude infection.

New Rash

New onset or recurrence of inflammatory type rash.

Alopecia

New onset or recurrence of abnormal, patchy or diffuse loss of hair.

Mucosal Ulcers

New onset or recurrence of oral or nasal ulcerations

Pleurisy

Pleuritic chest pain with pleural rub or effusion, or pleural thickening.

Pericarditis

Pericardial pain with at least 1 of the following: rub, effusion, or electrocardiogram confirmation.

Low Complement

Decrease in CH50, C3, or C4 below the lower limit of normal for testing laboratory.

Increased DNA binding

>25% binding by Farr assay or above normal range for testing laboratory.

Fever

>38°C. Exclude infectious cause

Thrombocytopenia

<100,000 platelets/mm3

Leukopenia

<3,000 White blood cell/mm3. Exclude drug causes.

NOTES

Put your notes here

Calculate SLEDAI score

Reset

Clear

Systemic Lupus Activity Measure

Check box if descriptor is present during the preceeding 1 month to the visit

Absent or Normal

Mild

Moderate

Severe

Not recorded

Constitutional

1. Weight loss
 1-10%
 3-10%
 2. Fatigue
 No limits on activity
 3. Fever
 37.5-38.5 C
 >38.5 C
 Integument
 4. Oral/ nasal ulcers or periungual erythema, or major rash, or photosensitive rash, or nailfold infarct
 5. Alopecia
 1-2
 2-5
 6. Erythematous macropapular rash, or discoid lupus, lupus profundus, or billous lesions
 1-20% total body surface (TBS)
 20-50% TBS
 50% TBS
 7. Vasculitis (leukocytoclastic vasculitis, urticaria, palpable purpura, livedo reticularis, ulcer or panniculitis)
 1-20% (TBS)
 20-50% TBS
 50% TBS or necrosis
 8. Cytooid bodies

Present
 3-20/200
 9. Hemorrhages (retinal or choroidal) or episcleritis
 Present
 3-20/200
 10. Papillitis or pseudotumor cerebri
 Present
 3-20/ or field cut
 11. Diffuse lymphadenopathy (cervical, axillary, epitrochlear)
 1-1cm x 1.5cm
 2-12. Hepato- or splenomegaly
 12. Palpable only with inspiration
 2-13. Pleural effusion/ pleurisy
 13. Shortness of breath or pain with prompt-inge. Exam normal or near normal.
 1-Shortness of breath or pain with exercise, decreased breath sounds and dull lower lobe(s)
 2-Shortness of breath or pain, decreased breath sounds, and dull middle and lower lobes.
 14. Pneumonitis

<input id="slam14" name="slam14" type="radio" value="1"/> 1 X-ray infiltrates only	<input id="slam14" name="slam14" type="radio" value="2"/> 2 Shortness of breath with exercise	<input id="slam14" name="slam14" type="radio" value="3"/> 3 Shortness of breath at rest	<input id="slam15" name="slam15" type="radio" value="0"/> 0	<input id="slam15" name="slam15" type="radio" value="1"/> 1 Present	<input id="slam16" name="slam16" type="radio" value="0"/> 0	<input id="slam16" name="slam16" type="radio" value="1"/> 1 Diast. 90-105	<input id="slam16" name="slam16" type="radio" value="2"/> 2 Diast. 105-115	<input id="slam16" name="slam16" type="radio" value="3"/> 3 Diast. >115	<input id="slam17" name="slam17" type="radio" value="0"/> 0	<input id="slam17" name="slam17" type="radio" value="1"/> 1 Pericarditis by EKG &/or RUB &/or effusions by echo; no sx	<input id="slam17" name="slam17" type="radio" value="2"/> 2 Chest pain or arrhythmia	<input id="slam17" name="slam17" type="radio" value="3"/> 3 Myocarditis with hemo-dynamic compromise &/or arrhythmia	<input id="slam18" name="slam18" type="radio" value="0"/> 0	<input id="slam18" name="slam18" type="radio" value="1"/> 1 Complaint	<input id="slam18" name="slam18" type="radio" value="2"/> 2 Limiting pain	<input id="slam18" name="slam18" type="radio" value="3"/> 3 Peritoneal signs/ascites	<input id="slam19" name="slam19" type="radio" value="0"/> 0	<input id="slam19" name="slam19" type="radio" value="1"/> 1 Single TIA		
<input id="slam19" name="slam19" type="radio" value="2"/> 2 Multiple TIA/RIND or mono-neuritis multiplex or cranial neuro-pathy or chorea	<input id="slam19" name="slam19" type="radio" value="3"/> 3 CVA/myelitis, retinal vascular occlusion	<input id="slam20" name="slam20" type="radio" value="0"/> 0	<input id="slam20" name="slam20" type="radio" value="1"/> 1 1-2/month	<input id="slam20" name="slam20" type="radio" value="2"/> 2 >2/month	<input id="slam20" name="slam20" type="radio" value="3"/> 3 Status epilepticus	<input id="slam21" name="slam21" type="radio" value="0"/> 0	<input id="slam21" name="slam21" type="radio" value="1"/> 1 Mild depression/ personality disorder or cognitive deficit	<input id="slam21" name="slam21" type="radio" value="2"/> 2 in sensorium or severe depression or limiting cognitive impairment	<input id="slam21" name="slam21" type="radio" value="3"/> 3 Psychosis or dementia or coma	<input id="slam22" name="slam22" type="radio" value="0"/> 0	<input id="slam22" name="slam22" type="radio" value="1"/> 1 Complaint	<input id="slam22" name="slam22" type="radio" value="2"/> 2 Limits some activity	<input id="slam22" name="slam22" type="radio" value="3"/> 3 Incapacitating	<input id="slam23" name="slam23" type="radio" value="0"/> 0	<input id="slam23" name="slam23" type="radio" value="1"/> 1 Arthralgia only	<input id="slam23" name="slam23" type="radio" value="2"/> 2 Objective inflammation	<input id="slam23" name="slam23" type="radio" value="3"/> 3 Limited function	<input id="slam24" name="slam24" type="radio" value="0"/> 0	<input id="slam24" name="slam24" type="radio" value="1"/> 1 30-35	<input id="slam24" name="slam24" type="radio" value="2"/> 2 25-29.9

d by raised muscle enzymes and/or EMG examination and/or histology

Pericarditis
Documented by ECG or rub or evidence of pericardial effusion on ultrasound

Intestinal
Intestinal vasculitis
Sterile peritonitis

Any of the following:
Evidence of acute intestinal vasculitis
Evidence of abdominal effusion in the absence of infective processes

Pulmonary
Pleurisy
Pneumonitis
Ingravescent dyspnea

Any of the following:
Clinical or radiological evidence of pleural effusion in the absence of infective processes
Single or multiple lung opacities on chest x-ray thought to reflect active disease not due to an infective process

Due to an evolving interstitial involvement

Evolving Neuropsychiatric
Headache/migraine
Seizures
Stroke
Organic brain disease
Psychosis

New appearance or worsening of any of the following:
Recently developed, persistent, or recurrent. Poorly responsive to the most commonly used drugs, but partially or totally responsive to corticosteroids

Grand mal or petit mal seizures, Jacksonian fits, temporal lobe seizures, or choreic syndrome, in the absence of offending drugs or known metabolic derangements, e.g., uremia, ketoacidosis, or electrolyte imbalance

Cerebral infarction or hemorrhage, instrumentally confirmed
Impairment of memory, orientation, perception, and ability to calculate

Dissociative features in the absence of offending drugs or known metabolic derangements, e.g., uremia, ketoacidosis, or electrolyte imbalance

Renal
Proteinuria
Urinary casts
Hematuria
Raised serum creatinine or reduced creatinine clearance

Any of the following:
At least 500 mg/day
Red cells, hemoglobin, granular, tubular, or mixed casts
Microscopic or macroscopic

Evolving Renal
If any of the above renal manifestations are new or have worsened since the last observation, add 2 points

Hematologic
Nonhemolytic anemia
Hemolytic anemia
Leukopenia (or lymphopenia)
Thrombocytopenia

Any of the following:
A Coombs-negative normocytic hypochromic or normochromic anemia without reticulocytosis

A Coombs-positive hemolytic anemia, with reticulocytosis and elevated LDH, in the absence of offending drugs

<3,500/mm³ WBC (or 1,500/mm³ lymphocytes) in the absence of offending drugs

<100,000/mm³ in the absence of offending drugs

Erythrocyte Sedimentation Rate
Raised ESR

>25 mm/h by Westergren or comparable methods, not due to other concomitant pathological process

Hypocomplementemia
C3
CH50
Reduced plasma level of any of the following:
By radial immunodiffusion or laser nephelometer
By standardized hemolytic methods

Evolving Hypocomplementemia
Significantly reduced level of any of the items mentioned above (plus C4) with respect to the last observation

ECLAM

NOTES

Put your notes here

Calculate ECLAM score
Reset
Clear

else if(\$daic=="bilag"){
output general category options
get values for previous BILAG assessment, if there is any

\$patientid = \$_COOKIE["pid"];
\$bilag = mysql_query("SELECT * FROM BILAG WHERE BILAG_PID='\$patientid' ORDER BY BILAG_STAMP DESC LIMIT 1");

if((mysql_num_rows(\$bilag) == 0)) {

else {

while (\$row = mysql_fetch_array(\$bilag, MYSQL_NUM)) {

<table width=100% border=0>

<tr><td colspan=3><h2><?php echo
 "BILAG ASSESSMENT FORM VERSION 3"; ?></h2>
 British Isles Lupus Activity
 Group Index

 <tr><td width=45%>

GENERAL
Answer: 1) Improving
 2)Same 3)Worse 4)New

 <table width=80%
 FRAME=BOX cellspacing="5">

<?>
 row('1','Pyrexia (documented)', 'b1');
 row('2','Weight loss - unintentional > 5%', 'b2');
 row('3','Lymphadenopathy/splenomegaly', 'b3');
 row('4','Fatigue/malaise/lethargy', 'b4');
 row('5','Anorexia/nausea/vomiting', 'b5');
 ?>
 </table>

MUCOCUTANEOUS
Answer with
 number (value) or Y/N

 <table width=80%
 FRAME=BOX cellspacing="5">

<?>
 row('6','Maculopapular rash- severe,active
 (discoïd/bullous)', 'b24');
 row('7','Maculopapular eruption- mild', 'b24');
 row('8','Active discoïd lesions- generalized,
 extensive', 'b24');
 row('9','Active discoïd lesions- local, inc. lupus
 profundus', 'b24');
 row('10','Alopecia- severe, active', 'b24');
 row('11','Alopecia- mild', 'b11');
 row('12','Severe panniculitis', 'b12');
 row('13','Angioedema', 'b13');
 row('14','Extensive mucosal ulceration', 'b14');
 row('15','Small mucosal ulcers', 'b15');
 row('16','Malar erythema', 'b16');
 row('17','Subcutaneous nodules', 'b17');
 row('18','Perniotic skin lesions', 'b18');
 row('19','Periungual erythema', 'b19');
 rowyes('20','Swollen fingers', 'b20');
 rowyes('21','Sclerodactyly', 'b21');
 rowyes('22','Calcinosis', 'b22');
 rowyes('23','Telangiectasia', 'b23');
 ?>
 </table>

NEUROLOGICAL
Answer: 1) Improving
 2)Same 3)Worse 4)New

 <table width=80%
 FRAME=BOX cellspacing="5">

row('24','Deteriorating level of
 consciousness', 'b24');
 row('25','Acute psychosis or delirium or confusional
 state', 'b25');
 row('26','Seizures', 'b26');
 row('27','Stroke or stroke syndrome', 'b27');
 row('28','Deteriorating level of
 consciousness', 'b28');
 row('29','Mononeuritis multiplex', 'b29');
 row('30','Ascending or transverse myelitis', 'b30');
 row('31','Peripheral or cranial neuropathy', 'b31');
 row('32','Disc swelling/cytoid bodies', 'b32');
 row('33','Chorea', 'b33');
 row('34','Cerebellar ataxia', 'b34');
 row('35','Headaches- severe unremitting', 'b35');
 row('36','Organic depressive illness', 'b36');
 row('37','Organic brain syndrome inc.pseudotumor
 cerebri', 'b37');
 row('38','Episodic migrainous headaches', 'b38');
 ?>
 </table>

MUSCULOSKELETAL
Answer: 1)
 Improving 2)Same 3)Worse 4)New

 <table width=80%
 FRAME=BOX cellspacing="5">

<?>
 row('39','Definite myositis (Bohan and Peter)', 'b39');
 row('40','Severe polyarthritis - with loss of
 function', 'b40');
 row('41','Arthritis', 'b41');
 row('42','Tendonitis', 'b42');
 row('43','Mild chronic myositis', 'b43');
 row('44','Arthralgia', 'b44');
 row('45','Myalgia', 'b45');
 row('46','Tendon contractures and fixed
 deformity', 'b46');
 row('47','Aseptic necrosis', 'b47');
 ?>
 </table>

 </td><!--end of first column-->
 <td
 width=5%> </td><!--spacer td-->
 <td width=45%>

CARDIOVASCULAR AND
 RESPIRATORY
Answer with number (value) or
 Y/N

 <table width=80%
 FRAME=BOX cellspacing="5">

<?>
 row('48','Pleuropericardial pain', 'b48');
 row('49','Dyspnea', 'b49');


```

}

function check($num, $desc, $id){
    echo "<tr><td >$num.</td><td >$desc</td><td><input type=checkbox
id=$id></td></tr>";
}
?>

</FORM>
</div></div>
</BODY></HTML>

labdai.php

<?php
    session_start();
    require'config.php';

    connectdatabase('LUCIS');
?>

<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
"images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
    <script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>

<body>
<script type="text/javascript"
src="css/jsfunctions.js"></script> <!--JAVASCRIPT
FUNCTIONS IN HERE-->
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script language="JavaScript" type="text/javascript">

function createRequestObject() {
    var req;
    if(window.XMLHttpRequest){// Firefox, Safari, Opera...
        req = new XMLHttpRequest();
    } else if(window.ActiveXObject) {
        // Internet Explorer 5+
        req = new ActiveXObject("Microsoft.XMLHTTP");
    } else {
        // There is an error creating the object,
        // just as an old browser is being used.
        alert('Problem creating the XMLHttpRequest object');
    }
    return req;
}

var http = createRequestObject();
function searchReq() {

    document.getElementById("displayerror").innerHTML = "";
    var pid= document.getElementById('pid1').value
    + "-" + document.getElementById('pid2').value;
    var pname =
    document.getElementById('pname').value;
    var flag=0;
    if( (pid.length==1)&& (pname=="")){//both are
    empty-> output error message

    document.getElementById("displayerror").innerHTML =
    "ERROR: Please fill out the patient's ID or name.";
        flag=1;
    }
    if((pid.length<10) && (pid.length>1)){//incomplete
id

```

```

document.getElementById("displayerror").innerHTML =
"ERROR: Please complete the patient's ID.";
        flag=1;
    }
    if(flag==0){
        var query = "?&pid=" + pid + "&pname="
+ pname;
        //alert(query);
        http.open('get', 'ajax-
searchpatient.php?' + query);
        http.onreadystatechange =
handlesearchReq;
        http.send(null);
    }
}

function handlesearchReq() {
    if(http.readyState == 4 && http.status == 200){
        var response = http.responseText;
        if((response.lastIndexOf("ERROR:"))<0){//correct
        document.getElementById("search").innerHTML = response;
        }
    } else{//ERROR
    // Update ajaxTest content

    document.getElementById("displayerror").innerHTML =
    response;
    }
}

function sendRequest(mode) { //draft and final only
    //DEMOGRAPHICS
    var flag=0;
    if(mode=='DRAFT') flag=1;
    if(mode=='FINAL'){
        var input_box=confirm("Are you sure you
want to save this consultation record as final? \n"+
"Finalized records
cannot be edited anymore.\n\n" + "Click OK to continue.");
        if (input_box==true) { // Output when OK
            is clicked
                flag=1;
            }
        }
    }
    if(flag==1){
        var lname =
document.getElementById('lname').value;
        var mname =
document.getElementById('mname').value;
        var fname =
document.getElementById('fname').value;
        var bdate =
document.getElementById('bdate').value;
        var bmonth =
document.getElementById('bmonth').value;
        var byear =
document.getElementById('byear').value;
        var sex =
document.getElementById('sex').value;
        var address =
document.getElementById('address').value;
        var civilstatus =
document.getElementById('civilstatus').value;
        var mobileno =
document.getElementById('mobileno').value;
        var telno =
document.getElementById('telno').value;
        var ethnicity =
document.getElementById('ethnicity').value;
        var religion =
document.getElementById('religion').value;
        var occupation =
document.getElementById('occupation').value;

```

```

        var chiefcomplaint =
document.getElementById('chiefcomplaint').value;
//CHIEF COMPLAINT
        var hxpresentillness =
document.getElementById('hxpresentillness').value;
//HX OF PRESENT ILLNESS
        var birthdevt =
document.getElementById('birthanddevt').value;
        var menarcheage =
document.getElementById('menarcheage').value;
        var menopauseage =
document.getElementById('menopauseage').value;
        var mensinterval =
document.getElementById('mensinterval').value;
        var duration =
document.getElementById('duration').value;
        var amount =
document.getElementById('amount').value;
        var lmp =
document.getElementById('lmp').value;
        var pmp =
document.getElementById('pmp').value;
//PERSONAL AND SOCIAL HX
        var diets =
document.getElementById('diets').value;
        var habits =
document.getElementById('habits').value;
        var hobbies =
document.getElementById('hobbies').value;
//DISEASE PREVENTION MEASURES
        var diphtheria =
document.getElementById('diphtheria').value;
        var pertussis =
document.getElementById('pertussis').value;
        var tetanus =
document.getElementById('tetanus').value;
        var polio =
document.getElementById('polio').value;
        var hepa =
document.getElementById('hepa').value;
        var measles =
document.getElementById('measles').value;
        var mumps =
document.getElementById('mumps').value;
        var rubella =
document.getElementById('rubella').value;
        var influenza =
document.getElementById('influenza').value;
        var regmed =
document.getElementById('regmed').value;
        var regblood =
document.getElementById('regblood').value;
        var regbloodresults =
document.getElementById('regbloodresults').value;
//PAST MEDICAL HISTORY
        var allergies =
document.getElementById('allergies').value;
        var illnesses =
document.getElementById('illnesses').value;
        var operations =
document.getElementById('operations').value;
        var transfusions =
document.getElementById('transfusions').value;
        var injuries =
document.getElementById('injuries').value;
        var medications =
document.getElementById('medications').value;
        var adversedrug =
document.getElementById('adversedrug').value;
//REVIEW OF SYSTEMS
        var general =
document.getElementById('general').value;
        var eyes =
document.getElementById('eyes').value;
        var ent =
document.getElementById('ent').value;
        var respiratory =
document.getElementById('respiratory').value;

```

```

        var heart =
document.getElementById('heart').value;
        var gastrointestinal =
document.getElementById('gastrointestinal').value;
        var genitourinary =
document.getElementById('genitourinary').value;
        var musculoskeletal =
document.getElementById('musculoskeletal').value;
        var skinbreast =
document.getElementById('skinbreast').value;
        var neurologic =
document.getElementById('neurological').value;
        var psychiatric =
document.getElementById('psychiatric').value;
        var endocrine =
document.getElementById('endocrine').value;
        var hematologic =
document.getElementById('hematologic').value;
//PHYSICAL EXAM
        var height =
document.getElementById('height').value;
        var weight =
document.getElementById('weight').value;
        var bp =
document.getElementById('bp').value;
        var temp =
document.getElementById('temp').value;
        var pulserate =
document.getElementById('pulserate').value;
        var resprate =
document.getElementById('resprate').value;
        var gensurvey =
document.getElementById('gensurvey').value;
        var skinexam =
document.getElementById('skinexam').value;
        var heent =
document.getElementById('heent').value;
        var mobility =
document.getElementById('mobility').value;
        var lymphnodes =
document.getElementById('lymphnodes').value;
        var thyroid =
document.getElementById('thyroid').value;
        var othermasses =
document.getElementById('othermasses').value;
        var breastexam =
document.getElementById('breastexam').value;
        var thorax =
document.getElementById('thorax').value;
        var pulses =
document.getElementById('pulses').value;
        var abdomen =
document.getElementById('abdomen').value;
        var genitourinaryexam =
document.getElementById('genitourinaryexam').value;
        var musculoskeletalexam =
document.getElementById('musculoskeletalexam').value;
        var mentalstat =
document.getElementById('mentalstat').value;
        var cranialnerves =
document.getElementById('cranialnerves').value;
        var gait =
document.getElementById('gait').value;
        var motor =
document.getElementById('motor').value;
        var coord =
document.getElementById('coord').value;
        var sensory =
document.getElementById('sensory').value;
        var superficial =
document.getElementById('superficial').value;
        var deeptendon =
document.getElementById('deeptendon').value;
        var abnormal =
document.getElementById('abnormal').value;
//CASE SUMMARY
        var subjective =
document.getElementById('subjective').value;

```

```

var objective =
document.getElementById('objective').value;
var assessment =
document.getElementById('assessment').value;
var plans =
document.getElementById('plans').value;

var queryString = "?&method=" + mode
+ "&lname=" + lname + "&mname=" + mname +
"&fname=" + fname + "&bdate=" + bdate + "&bmonth=" +
bmonth + "&byear=" + byear + "&sex=" + sex +
"&address=" + address + "&civilstatus=" + civilstatus +
"&mobileno=" + mobileno + "&telno=" + telno +
"&ethnicity=" + ethnicity +
"&occupation=" + occupation +
"&religion=" + religion + "&cc=" + chiefcomplaint + "&hxpres="
+ hxpresentillness + "&birthdevt=" + birthdevt +
"&menage=" + menarcheage +
"&menoage=" + menopauseage
+ "&mensint=" + mensinterval + "&duration=" + duration +
"&amount=" + amount + "&imp=" + lmp + "&pmp=" + pmp
+
"&diets=" + diets + "&habits="
+ habits + "&hobbies=" + hobbies +
"&diphtheria=" + diphtheria + "&pertussis=" + pertussis + "&tetanus
=" + tetanus + "&polio=" + polio + "&hepa=" + hepa + "&measles="
+ measles + "&mumps=" + mumps + "&rubella=" + rubella +
"&influenza=" + influenza + "&regmed=" + regmed +
"&regblood=" + regblood + "&regbloodresults=" + regbloodresult
s + "&allergies=" + allergies + "&illnesses=" + illnesses + "&operati
ons=" + operations + "&transfusions=" + transfusions + "&injuries
=" + injuries + "&medications=" + medications + "&adversedrug="
+ adversedrug +
"&general=" + general + "&eyes=" + eyes + "&ent=" + e
nt + "&resp=" + respiratory + "&heart=" + heart + "&gastro=" + gas
tointestinal + "&genito=" + genitourinary +
"&musculo=" + musculoskeletal + "&skinbreast=" + ski
nbreast + "&neurologic=" + neurologic + "&psychiatric=" + psychi
atric + "&endocrine=" + endocrine +
"&hematolo
gic=" + hematologic + "&height=" + height + "&weight=" + weight
+ "&bp=" + bp + "&temp=" + temp + "&pulserate=" + pulserate +
"&resprate=" + resprate +
"&gensurvey=" + gensurvey + "&skinexam=" + skinex
am + "&heent=" + heent + "&mobility=" + mobility + "&lymphnode
s=" + lymphnodes + "&thyroid=" + thyroid +
"&othermasses=" + othermasses + "&breastexam=" +
breastexam + "&thorax=" + thorax + "&pulses=" + pulses + "&abd
omen=" + abdomen + "&genitourinaryexam=" + genitourinaryex
am +
"&musculoskeletalexam=" + musculoskeletalexam +
"&mentalstat=" + mentalstat + "&cranial=" + cranialnerves + "&ga
it=" + gait + "&motor=" + motor +
"&coord=" + coord + "&sensory=" + sensory + "&superfi
cial=" + superficial + "&deeptendon=" + deeptendon + "&abnorm
al=" + abnormal + "&subj=" + subjective +
"&obj=" + objective + "&assessm
ent=" + assessment + "&plans=" + plans;
http.open('get', 'ajax-
addpatient.php?' + queryString);
http.onreadystatechange =
handleResponse;
http.send(null);
}
}

function handleResponse() {

if(http.readyState == 4 && http.status == 200){
// Text returned from PHP script
var response = http.responseText;
if((response.lastIndexOf("ERROR:"))<0)
{
//correct
document.getElementById("notice").innerHTML =
response;
}
else{//ERROR
// Update ajaxTest content

```

```

document.getElementById("notice").innerHTML =
response;
}
}
}

function reloadPage()
{
window.location.reload()
}

function openNew(pid) {
document.cookie = "pid="+pid+";";
newwindow = window.open('labdai2.php','_self');
}

</script>

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
<script language="JavaScript">
alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
window.open('index.php',
'_self');
</script>
<?php
}
?>
<div class="content">
<div id="toph"></div>
<div id="header">
<div class="rside">
<div class="citation">
<h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
<?php echo
$_SESSION['clinicname']; ?></div>
</div>
<div class="lside"></div>
</div>
<div id="main">
<div class="center">
<h2>Add laboratory exam
results or disease activity index</h2><br>
<div id='search' class='select'
align=left>
<form action="#"
id="form1" method="post">
Please enter the
patient's ID or last name.<br><br>
<div id='displayerror'
class='error'></div>
<table align=center>
<tr><td>Patient's ID </td><td><input
type='text' id='pid1' maxlength=5 size=5> - <input
type='text' id='pid2' maxlength=4 size=4> <input type='button' value="Search" id="searchpat"
onClick="searchReq();">
</div>
<br><br>
</div>
<div class="leftmenu">
<div class="padding"
align="center">
<?php showIcons();?>

```

```

        <br>
        <hr>
    </div>
    <div class="padding">
    <h2>Functionalities</h2>

    <div class="nav">
        <?php
showMenu($_SESSION["empty"]); ?>
        </div>
    </div>

    </div>
    <br />&nbsp;<br />
    <div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>

</div>

</body>
</html>

```

labdai2.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');
    $PID = $_COOKIE["pid"];
    $qry_result = mysql_query("SELECT * FROM
PATIENT WHERE PATIENTID='$PID'");
    if((mysql_num_rows($qry_result) == 0) {
        echo "ERROR: An unexpected error
occured. Patient information cannot be retrieved.";
    }
    else{
        while ($row =
mysql_fetch_array($qry_result, MYSQL_NUM)) {
            $patientname = $row[5],
$row[3] $row[4]";
                $sex = $row[6];
                $birthdate = $row[7];
                $mobileno = $row[8];
                $telno = $row[9];
                $address = $row[10];
            }
            mysql_free_result($qry_result);
        }
        $qry_result1 = mysql_query("SELECT MED_RECNO,
MED_STAT FROM MED_CONS WHERE MED_PID='$PID'");
        $i=-1;
        if((mysql_num_rows($qry_result1)> 0)) {
            while ($row =
mysql_fetch_array($qry_result1, MYSQL_NUM)) {
                $i++;
                $consultations[$i]=$row[0];
                $constatus[$i]=$row[1];
            }
            mysql_free_result($qry_result1);
        }
    }
?>

<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
"images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
    <script type="text/javascript"
src="css/anylinkvertical.js"></script>

```

```

</head>

<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script type="text/javascript"
src="css/jsfunctions.js"></script>
<script language="javascript" type="text/javascript"
src="css/datetimepicker.js"></script><!--CALENDAR MAKER
HERE-->

<script language="JavaScript" type="text/javascript">
function createRequestObject() {
    var req;
    if(window.XMLHttpRequest) { // Firefox, Safari, Opera...
        req = new XMLHttpRequest();
    } else if(window.ActiveXObject) { // Internet Explorer 5+
        req = new ActiveXObject("Microsoft.XMLHTTP");
    } else { // There is an error creating the object,
        // just as an old browser is being used.
        alert('Problem creating the XMLHttpRequest object');
    }
    return req;
}

var http = createRequestObject();

function sendRequest(pid) { //draft and final only

    //CLINICAL CHEM
        var clinchemlab =
document.getElementById('clinchemlab').value;
        var clinchemdate =
document.getElementById('clinchemdate').value;
        var fbs =
document.getElementById('fbs').value;
        var fbsnv =
document.getElementById('fbsnv').value;
        var bun =
document.getElementById('bun').value;
        var bunnv =
document.getElementById('bunnv').value;
        var crt =
document.getElementById('crt').value;
        var crtnv =
document.getElementById('crtnv').value;
        var ua =
document.getElementById('ua').value;
        var uanv =
document.getElementById('uanv').value;
        var tri =
document.getElementById('tri').value;
        var trinv =
document.getElementById('trinv').value;
        var tc =
document.getElementById('tc').value;
        var tcnv =
document.getElementById('tcnv').value;
        var hdl =
document.getElementById('hdl').value;
        var hdlnv =
document.getElementById('hdlnv').value;
        var ldl =
document.getElementById('ldl').value;
        var ldlnv =
document.getElementById('ldlnv').value;
        var vldl =
document.getElementById('vldl').value;
        var vldlnv =
document.getElementById('vldlnv').value;
        var hdlr =
document.getElementById('hdlr').value;
        var hdlrnv =
document.getElementById('hdlrnv').value;
        var tp =
document.getElementById('tp').value;
        var tpnv =
document.getElementById('tpnv').value;

```

```

        var alb =
document.getElementById('alb').value;
        var albnv =
document.getElementById('albnv').value;
        var glb =
document.getElementById('glb').value;
        var glbnv =
document.getElementById('glbnv').value;
        var agr =
document.getElementById('agr').value;
        var agrnv =
document.getElementById('agrnv').value;
        var sod =
document.getElementById('sod').value;
        var sodnv =
document.getElementById('sodnv').value;
        var pot =
document.getElementById('pot').value;
        var potnv =
document.getElementById('potnv').value;
        var ic =
document.getElementById('ic').value;
        var icnv =
document.getElementById('icnv').value;
        var alt =
document.getElementById('alt').value;
        var altnv =
document.getElementById('altnv').value;
        var alk =
document.getElementById('alk').value;
        var alknv =
document.getElementById('alknv').value;
        var up =
document.getElementById('up').value;
        var upnv =
document.getElementById('upnv').value;
        var uc =
document.getElementById('uc').value;
        var ucnv =
document.getElementById('ucnv').value;
        var cc =
document.getElementById('cc').value;
        var ccnv =
document.getElementById('ccnv').value;
        //HEMA
        var hemalab =
document.getElementById('hemalab').value;
        var hemadate =
document.getElementById('hemadate').value;
        var hg =
document.getElementById('hg').value;
        var hgnv =
document.getElementById('hgnv').value;
        var hema =
document.getElementById('hema').value;
        var hemanv =
document.getElementById('hemanv').value;
        var rbc =
document.getElementById('rbc').value;
        var rbcnv =
document.getElementById('rbcnv').value;
        var wbc =
document.getElementById('wbc').value;
        var wbcnv =
document.getElementById('wbcnv').value;
        var plt =
document.getElementById('plt').value;
        var pltnv =
document.getElementById('pltnv').value;
        var seg =
document.getElementById('seg').value;
        var segnv =
document.getElementById('segnv').value;
        var lym =
document.getElementById('lym').value;
        var lymnv =
document.getElementById('lymnv').value;
        //URINALYSIS
        var urinelab=
document.getElementById('urinelab').value;
        var urinedate=
document.getElementById('urinedate').value;
        var urinecolor=
document.getElementById('urinecolor').value;
        var transparency =
document.getElementById('transparency').value;
        var ph=
document.getElementById('ph').value;
        var spgravity=
document.getElementById('spgravity').value;
        var albumin=
document.getElementById('albumin').value;
        var sugar=
document.getElementById('sugar').value;
        var cast=
document.getElementById('cast').value;
        var hyaline=
document.getElementById('hyaline').value;
        var granular=
document.getElementById('granular').value;
        var waxy=
document.getElementById('waxy').value;
        var puscells=
document.getElementById('puscells').value;
        var microrbc=
document.getElementById('microrbc').value;
        var yeastcells =
document.getElementById('yeastcells').value;
        var squamous =
document.getElementById('squamous').value;
        var renal =
document.getElementById('renal').value;
        var bacteria =
document.getElementById('bacteria').value;
        var mucus =
document.getElementById('mucus').value;
        var crystals =
document.getElementById('crystals').value;
        var urates =
document.getElementById('urates').value;
        var uricacid =
document.getElementById('uricacid').value;
        var calcium =
document.getElementById('calcium').value;
        var amorphous =
document.getElementById('amorphous').value;
        var triple =
document.getElementById('triple').value;
        //SLEDAI
        var sledaiscore =
document.getElementById('sledaiscore').value;
        var sledainotes =
document.getElementById('sledainotes').value;
        //BILAG
        var bilagscore =
document.getElementById('bilagscore').value;
        var bilaggeneral =
document.getElementById('bilaggeneral').value;
        var bilagmuco =
document.getElementById('bilagmuco').value;
        var bilagneuro =
document.getElementById('bilagneuro').value;
        var bilagmusculo =
document.getElementById('bilagmusculo').value;
        var bilagcardio =
document.getElementById('bilagcardio').value;
        var bilagvascu =
document.getElementById('bilagvascu').value;
        var bilagrenal =
document.getElementById('bilagrenal').value;
        var bilaghema =
document.getElementById('bilaghema').value;
        var bilagnotes =
document.getElementById('bilagnotes').value;

```

```

//SLAM
    var slamscore =
document.getElementById('slamscore').value;
    var slamnotes =
document.getElementById('slamnotes').value;
    var slamcons =
document.getElementById('slamcons').value;
    var slaminteg =
document.getElementById('slaminteg').value;
    var slameye =
document.getElementById('slameye').value;
    var slamreticulo =
document.getElementById('slamreticulo').value;
    var slampulmo =
document.getElementById('slampulmo').value;
    var slamcardio =
document.getElementById('slamcardio').value;
    var slamgastro =
document.getElementById('slamgastro').value;
    var slamneuro =
document.getElementById('slamneuro').value;
    var slamjoints =
document.getElementById('slamjoints').value;
    var slamlab =
document.getElementById('slamlab').value;

//ECLAM
    var eclamscore =
document.getElementById('eclamscore').value;
    var eclamnotes =
document.getElementById('eclamnotes').value;
    var queryString = "?
&pid="+pid+"&slamscore="+slamscore+"&slamnotes="+sla
mnotes+"&slamcons="+slamcons+"&slaminteg="+slaminteg
+"&slameye="+slameye+"&slamreticulo="+slamreticulo+"&sla
mpulmo="+slampulmo+"&slamcardio="+slamcardio+"&sl
amgastro="+slamgastro+"&slamneuro="+slamneuro+"&sla
mjoints="+slamjoints+"&slamlab="+slamlab+"&eclamscore="
"+eclamscore+"&eclamnotes="+eclamnotes+"&sledaiscore="
"+sledaiscore+"&sledainotes="+sledainotes+"&bilaggeneral
="+bilaggeneral+"&bilagmuco="+bilagmuco+"&bilagneuro="
"+bilagneuro+"&bilagmusculo="+bilagmusculo+"&bilagcardi
o="+bilagcardio+"&bilagvascu="+bilagvascu+"&bilagrenal="
"+bilagrenal+"&bilaghema="+bilaghema+"&bilagnotes="+bil
agnotes+"&bilagscore="+bilagscore+"&clinchemlab="+clinc
hemlab+"&clinchemdate="+clinchemdate+"&fbs="+fbs+"&b
un="+bun+"&crt="+crt+"&ua="+ua+"&tri="+tri+"&tc="+tc
+"&hdl="+hdl+"&ldl="+ldl+"&vldl="+vldl+"&hdlr="+hdlr+
"&tp="+tp+"&alb="+alb+"&glb="+glb+"&agr="+agr+"&sod
="+sod+"&pot="+pot+
        "&ic="+ic+"&alt="+alt+"&alk="
"+alk+"&up="+up+"&uc="+uc+"&cc="+cc+
"&fbsnv="+fbsnv+"&bunnv="+bunnv+"&crtnv="+crtnv+"&u
anv="+uanv+"&trinv="+trinv+"&tcnv="+tcnv+"&hdlnv="+h
dlnv+"&ldlnv="+ldlnv+"&vldlnv="+vldlnv+"&hdlrnv="+hdlrn
v+"&tpnv="+tpnv+"&albnv="+albnv+"&glbnv="+glbnv+"&a
grnv="+agrnv+"&sodnv="+sodnv+"&potnv="+potnv+"&icnv
="+icnv+"&altnv="+altnv+"&alknv="+alknv+"&upnv="+upn
v+"&ucnv="+ucnv+"&ccnv="+ccnv+"&hemalab="+hemalab
+"&hemadate="+hemadate+"&hg="+hg+"&hema="+hema
+"&rbc="+rbc+"&wbc="+wbc+"&plt="+plt+"&seg="+seg+
"&lym="+lym+"&hgnv="+hgnv+"&hemanv="+hemanv+"&rb
cnv="+rbcnv+"&wbcnv="+wbcnv+"&pltnv="+pltnv+"&segn
v="+segnv+"&lymnv="+lymnv+"&urinelab="+urinelab+"&ur
inedate="+urinedate+"&urinecolor="+urinecolor+"&transpar
ency="+transparency+"&ph="+ph+"&spgravity="+spgravity
+"&albumin="+albumin+"&sugar="+sugar+"&cast="+cast+
"&hyaline="+hyaline+"&granular="+granular+"&waxy="+wa
xy+"&puscells="+puscells+"&microrbc="+microrbc+"&yeast
cells="+yeastcells+"&squamous="+squamous+"&renal="+r
enal+"&bacteria="+bacteria+"&mucus="+mucus+"&crystals
="+crystals+"&urates="+urates+"&uricacid="+uricacid+"&c
alcium="+calcium+"&amorphous="+amorphous+"&triple="
+triple;

http.open('get', 'ajax-labdai.php?' + queryString);
handleResponse;
    http.send(null);
}

function handleResponse() {
if(http.readyState == 4 && http.status == 200){
// Text returned from PHP script
var response = http.responseText;

        if((response.lastIndexOf("successfully"))>0)
//correct
document.getElementById("addform").innerHTML = "";
        alert(response);
        location.replace('view2.php');
}
else{//ERROR
        document.getElementById("notice").innerHTML =
response;
}
}
}

//FOR VIEWING THE PATIENT'S RECORDS
function viewPat(pid){
    var recno =
document.getElementById('medcons').value;
    newwindow = window.open('patientrecord.php?
&patientid='+pid+'&recno='+recno);
}
//FUNCTIONS FOR CLEARING OUT THE DISEASE ACTIVITY
INDICES
function clearSledai(){
    document.parentform.sledaiscore.value="";
    document.parentform.sledainotes.value="";
}
function clearEclam(){
    document.parentform.eclamscore.value="";
    document.parentform.eclamnotes.value="";
}
function clearSlam(){
    document.parentform.slamscore.value="";
    document.parentform.slamcons.value="";
    document.parentform.slaminteg.value="";
    document.parentform.slameye.value="";
    document.parentform.slamreticulo.value="";
    document.parentform.slampulmo.value="";
    document.parentform.slamcardio.value="";
    document.parentform.slamneuro.value="";
    document.parentform.slamjoints.value="";
    document.parentform.slamlab.value="";
    document.parentform.slamnotes.value="";
}
function clearBilag(){
    document.parentform.bilaggeneral.value="";
    document.parentform.bilagmuco.value="";
    document.parentform.bilagneuro.value="";
    document.parentform.bilagmusculo.value="";
    document.parentform.bilagcardio.value="";
    document.parentform.bilagvascu.value="";
    document.parentform.bilagrenal.value="";
    document.parentform.bilaghema.value="";
    document.parentform.bilagnotes.value="";
}
function reloadPage()
{
    window.location.reload()
}
}
</script>

```

```

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
    <script language="JavaScript">
        alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
        window.open('index.php',
'_self');
    </script>
<?php
}
?>

<div class="content">
    <div id="toph"></div>
    <div id="header">
        <div class="rside">
            <div class="citation">
                <h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
            <?php echo
$_SESSION['clinicname']; ?></div>
            </div>
            <div class="lside"></div>
        </div>
        <div id="main">
            <div class="center">
                <h2>Add laboratory exam
results or disease activity index</h2><br>
                <div class="boxads5">
                    <table width=100%>
                        <tr>
                            <td colspan=2 align=center><font
                            bgcolor=#3399ff><td colspan=2 align=center><font
                            color=#ffffff size=3><b>PATIENT
INFORMATION</font></td></tr>";
                            echo
                            <tr><td width=25%><br><b>Patient's
ID</td><td><br>$_PID</td></tr>";
                            echo
                            <tr><td><b>Name</td><td>$_patientname</td></tr>";
                            echo
                            <tr><td><b>Date of
birth</td><td>$_birthdate</td></tr>";
                            echo
                            <tr><td><b>Sex</td><td>$_sex</td></tr>";
                            echo
                            <tr><td><b>Address</td><td>$_address</td></tr>";
                            ?>
                            <tr><td><b>Previous Medical Record/s</td><td>
                            <?
                            if($_i<1){
                                echo "<input type=hidden id='medcons'
value='$_consultations[0]'"><a
href='\"javascript:viewPat('$_PID')\"'>$_consultations[0]
$_constatus[0]</a>";
                            }
                            else{
                                ?
                            }
                        </tr>
                    </table>
                    <br>
                    <i><strong><font
                    color=red>Note: Laboratory exam results will not be
                    considered if the laboratory name is left empty.</font></i>
                    <div id='notice'
                    class='boxads4'></div>
                    <BR>
                    <div class='labdai'>
                        <form
                        name="parentform" method="get" action="#">
                            </select>
                            <?
                            }?>
                            </td></tr>
                        </table><br>
                        </div><br>
                        <div id='addform'>
                            <table width=90% frame=box>
                                <tr align=center
                                bgcolor=#ffff99><td colspan=3><a href="#labtest"
                                >Laboratory Tests</a></td><td colspan=4><a
                                href="#diseaseact">Disease Activity Indices</a></td></tr>
                                <tr align="center"
                                bgcolor="#FFCC33">
                                    <td><div
                                    class='menu'><a href="#clinicalchem">Clinical
                                    Chem</a></div></td>
                                    <td><div
                                    class='menu'><a href="#hematology">Hematology</a></div></td>
                                    <td><div
                                    class='menu'><a href="#urinalysis">Routine
                                    Urine</a></div></td>
                                    <td><div
                                    class='menu'><a
                                    href="javascript:openDAI('dai.php','win2','sledai')">SLEDAI</a
                                    ></div></td>
                                    <td><div
                                    class='menu'><a
                                    href="javascript:openDAI('dai.php','win2','eclam')">ECLAM</a
                                    ></div></td>
                                    <td><div
                                    class='menu'><a
                                    href="javascript:openDAI('dai.php','win2','slam')">SLAM</a>
                                    </div></td>
                                    <td><div
                                    class='menu'><a
                                    href="javascript:openDAI('dai.php','win2','bilag')">BILAG</a>
                                    </div></td>
                                </tr>
                                <tr>
                                    <td colspan=6><?//CHECK
                                    IF BILAG NEW
                                    /*$_bilag=
                                    mysql_query("SELECT * FROM BILAG WHERE
                                    BILAG_PID='$_PID'");
                                    if((mysql_num_rows($_bilag) == 0)){ //no existing
                                    bilag record.
                                        echo "<td><div class='menu'><a
                                        href='\"javascript:openDAI('dai.php'
                                        &dai=bilagnew','win2')\"'>BILAG</a></div></td>";
                                    }
                                    else{*/
                                    //
                                    echo "";
                                    //}
                                    ?>
                                </tr>
                            </table>
                            <br>
                            <i><strong><font
                            color=red>Note: Laboratory exam results will not be
                            considered if the laboratory name is left empty.</font></i>
                            <div id='notice'
                            class='boxads4'></div>
                            <BR>
                            <div class='labdai'>
                                <form
                                name="parentform" method="get" action="#">

```

```
NAME="labtest"></a>
NAME="clinicalchem"><br><h2>Clinical
Chemistry</h2></a>
cellspacing=10>
|<td><?echo str_replace(" ", '&nbsp;';
str_pad("<b>Laboratory name </b>","20," ");?></td><td>
<input type="text" id="clinchemlab" size=40></td></tr>
|<td><?echo str_replace(" ", '&nbsp;';
str_pad("<b>Date taken </b>","30," ");?></td><td> <input
id="clinchemdate" type="text" size="10" readonly=true><a
href="javascript:NewCal('clinchemdate','yyyymmdd')">
</a></td></tr>
|<td>&nbsp;</td><td>
<table cellspacing=5 frame=box>
|<td align=right><b>TEST</td><td align=center><b>RESULT</td><td align=center><b>NORMAL VALUE</td></tr>
|<td align=right><b>TEST</td><td align=center><b>RESULT</td><td align=center><b>NORMAL VALUE</td></tr>
</table>
clinchem('FBS','fbs','fbsnv');
clinchem('BUN','bun','bunnv');
clinchem('Creatinine','crt','crtnv');
clinchem('Uric Acid','ua','uanv');
clinchem('Triglycerides','tri','trinv');
clinchem('Total Cholesterol','tc','tcnv');
clinchem('HDL','hdl','hdlnv');
clinchem('LDL','ldl','ldlnv');
clinchem('VLDL','vldl','vldlnv');
clinchem('HDL Ratio','hdlr','hdlrnv');
clinchem('Total Protein','tp','tpnv');
clinchem('Albumin','alb','albnv');
clinchem('Globulin','glb','glbnv');
clinchem('A/G Ratio','agr','agrnv');
clinchem('Sodium','sod','sodnv');
clinchem('Potassium','pot','potnv');
clinchem('Ionized Calcium','ic','icnv');
clinchem('ALT/ SGPT','alt','altnv');
clinchem('Alk Phosphatase','alk','alknv');
clinchem('24Hr Urine Protein','up','upnv');
clinchem('24Hr Urine Creatinine','uc','ucnv');
clinchem('Creatinine Clearance','cc','ccnv');
</table>
</td></tr></table>
<br><br>
|  |

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```

```
NAME="hematology"><br><h2>Hematology</h2></a>
cellspacing=10>
|<td><?echo str_replace(" ", '&nbsp;';
str_pad("<b>Laboratory name </b>","20," ");?></td><td>
<input type="text" id="hemalab" size=40></td></tr>
|<td><?echo str_replace(" ", '&nbsp;';
str_pad("<b>Date taken </b>","30," ");?></td><td> <input
id="hemadate" type="text" size="10" readonly=true><a
href="javascript:NewCal('hemadate','yyyymmdd')">
</a></td></tr>
|<td>&nbsp;</td><td>
<table cellspacing=5 frame=box>
|<td align=right><b>TEST</td><td align=center><b>RESULT</td><td align=center><b>NORMAL VALUE</td></tr>
|<td align=right><b>TEST</td><td align=center><b>RESULT</td><td align=center><b>NORMAL VALUE</td></tr>
</table>
clinchem('Hemoglobin','hg','hgnv');
clinchem('Hematocrit','hema','hemanv');
clinchem('RBC count','rbc','rbcnv');
clinchem('WBC count','wbc','wbcnv');
clinchem('Platelets','plt','pltnv');
clinchem('Segmenters','seg','segnv');
clinchem('Lymphocyte','lym','lymnv');
</table>
</td></tr></table>
<br><br>
NAME="urinalysis"><br><h2>Routine Urine</h2></a>
cellspacing=10>
|<td><?echo str_replace(" ", '&nbsp;';
str_pad("<b>Laboratory name </b>","20," ");?></td><td>
<input type="text" id="urinelab" size=40></td></tr>
|<td><?echo str_replace(" ", '&nbsp;';
str_pad("<b>Date taken </b>","30," ");?></td><td> <input
id="urinedate" type="text" size="10" readonly=true><a
href="javascript:NewCal('urinedate','yyyymmdd')">
</a></td></tr>
|<td>&nbsp;</td><td>
<table cellspacing=5 frame=box>
|<td align=right>Color</td><td><input type="text" id="urinecolor"></td></tr>
|<td align=right>Transparency</td><td><input type="text" id="transparency"></td></tr>
|  |

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```

<tr><td align=right>PH</td><td><input
type=text id=ph></td></tr>

<tr><td align=right>SP-Gravity</td><td><input
type=text id=spgravity></td></tr>

<tr align=center bgcolor=#e0e0e0><td
colspan=2><b>Chemical Test</td></tr>

<tr><td align=right>Albumin</td><td><input
type=text id=albumin></td></tr>

<tr><td align=right>Sugar</td><td><input
type=text id=sugar></td></tr>

<tr align=center bgcolor=#e0e0e0><td
colspan=2><b>Microscopic Findings</td></tr>

<tr><td align=right>Cast</td><td><input
type=text id=cast></td></tr>

<tr><td align=right>Hyaline</td><td><input
type=text id=hyaline></td></tr>

<tr><td align=right>Granular</td><td><input
type=text id=granular></td></tr>

<tr><td align=right>Waxy</td><td><input
type=text id=waxy></td></tr>

<tr><td align=right>Pus-cells</td><td><input
type=text id=puscells></td></tr>

<tr><td align=right>RBC</td><td><input
type=text id=microrbc></td></tr>

<tr><td align=right>Yeast-cells</td><td><input
type=text id=yeastcells></td></tr>

<tr><td align=right>Squamous
cells</td><td><input type=text id=squamous></td></tr>

<tr><td align=right>Renal- cells</td><td><input
type=text id=renal></td></tr>

<tr><td align=right>Bacteria</td><td><input
type=text id=bacteria></td></tr>

<tr><td align=right>Mucus
threads</td><td><input type=text id=mucus></td></tr>

<tr><td align=right>Crystals</td><td><input
type=text id=crystals></td></tr>

<tr><td align=right>Amorphous
Urates</td><td><input type=text id=urates></td></tr>

<tr><td align=right>Uric acid</td><td><input
type=text id=uricacid></td></tr>

<tr><td align=right>Calcium
oxalate</td><td><input type=text id=calcium></td></tr>

<tr><td align=right>Amorphous
PO4</td><td><input type=text id=amorphous></td></tr>

<tr><td align=right>Triple PO4</td><td><input
type=text id=triple></td></tr>

</table>

</td></tr></table>

<br><br>

<A
NAME="diseaseact"><h2>Disease Activity Indices</h2></a>

```

```

<!--HIDDEN INPUT
TYPES FOR DISEASE ACTIVITY INDEX-->

<b>SLEDAI</table
width=50% frame=box cellspacing=5>
<tr><td
align=right>SCORE</td><td><input type='text'
id='sledaiscore' readonly=true size=5></td></tr>
<tr><td
align=right>NOTES</td><td><textarea name="sledainotes"
id="sledainotes" cols=30
rows=2></textarea><br><br><input type=button
value="Clear" onclick="clearSledai()"><br></td></tr>
</table>
<br>
<b>ECLAM</table
width=50% frame=box cellspacing=5>
<tr><td
align=right>SCORE</td><td><input type='text'
id='eclamscore' readonly=true size=5></td></tr>
<tr><td
align=right>NOTES</td><td><textarea name="eclamnotes"
id="eclamnotes" cols=30
rows=2></textarea><br><br><input type=button
value="Clear" onclick="clearEclam()"><br></td></tr>
</table><br>
<b>SLAM</table
width=50% frame=box cellspacing=5>
<tr><td
align=right>TOTAL SCORE</td><td><input type='text'
id='slamscore' readonly=true size=5></td></tr>
<tr><td
align=right><i>constitutional</td><td><input type='text'
id='slamcons' readonly=true size=5></td></tr>
<tr><td
align=right><i>integument</td><td><input type='text'
id='slaminteg' readonly=true size=5></td></tr>
<tr><td
align=right><i>eye</td><td><input type='text'
id='slameye' readonly=true size=5></td></tr>
<tr><td
align=right><i>reticuloendothelial</td><td><input
type='text' id='slamreticulo' readonly=true
size=5></td></tr>
<tr><td
align=right><i>pulmonary</td><td><input type='text'
id='slampulmo' readonly=true size=5></td></tr>
<tr><td
align=right><i>cardiovascular</td><td><input type='text'
id='slamcardio' readonly=true size=5></td></tr>
<tr><td
align=right><i>gastrointestinal</td><td><input type='text'
id='slamgastro' readonly=true size=5></td></tr>
<tr><td
align=right><i>neuromotor</td><td><input type='text'
id='slamneuro' readonly=true size=5></td></tr>
<tr><td
align=right><i>joints</td><td><input type='text'
id='slamjoints' readonly=true size=5></td></tr>
<tr><td
align=right><i>laboratory</td><td><input type='text'
id='slamlab' readonly=true size=5></td></tr>
<tr><td
align=right>NOTES</td><td><textarea name="slamnotes"
id="slamnotes" cols=22 rows=2></textarea>

<br><br><input type=button value="Clear"
onclick="clearSlam()"><br></td></tr>
</table><br>
<b>BILAG</table
width=50% frame=box cellspacing=5>
<input type=hidden
id=bilagscore value='false'>
<tr><td
align=right><i>general</td><td><input type='text'
id='bilaggeneral' readonly=true size=5></td>
<tr><td
align=right><i>mucocutaneous</td><td><input type='text'
id='bilagmuco' readonly=true size=5></td></tr>

```

```

                <tr><td
align=right><i>neurological</i></td><td><input type='text'
id='bilagneuro' readonly=true size=5></td></tr>
                <tr><td
align=right><i>musculoskeletal</i></td><td><input type='text'
id='bilagmusculo' readonly=true size=5></td></tr>
                <tr><td
align=right><i>cardiovascular &
respiratory</i></td><td><input type='text' id='bilagcardio'
readonly=true size=5></td></tr>
                <tr><td
align=right><i>vasculitis</i></td><td><input type='text'
id='bilagvascu' readonly=true size=5></td></tr>
                <tr><td
align=right><i>renal</i></td><td><input type='text'
id='bilagrenal' readonly=true size=5></td></tr>
                <tr><td
align=right><i>hematology</i></td><td><input type='text'
id='bilaghema' readonly=true size=5></td></tr>
                <tr><td
align=right>NOTES</td><td><textarea name="bilagnotes"
id="bilagnotes" cols=24 rows=2></textarea>

                <br><br><input type=button value="Clear"
onclick="clearBilag()"><br></td></tr>
        </table>

        </div>
        <br><br>
        <div align=center><input
type=button value="Save" id="model"
onClick="sendRequest('<?echo $PID;?>')">
&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;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&
        </div>
    </form>
</div><!--ADDFORM-->
</div><!--CENTER-->
<div class="leftmenu">

        <div class="padding"

                <?php showfcons();?>

                <br>
                <hr>
                </div>
                <div class="padding">
                <h2>Funtionalities</h2>

                <div class="nav">
                <?php
showMenu($_SESSION["emptytype"]); ?>
                </div>

                </div>
                <br />&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;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&
                <div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>

</div>
</body>
</html>

<?
function clinchem($label, $id, $idnv){
    echo "<tr><td align=right>$label</td><td><input
type=text id='$id' size=5></td><td><input type=text
id='$idnv' size=20></td></tr>";
}
?>

```

ajax-labdai.php

```

<?php
session_start();

```

```

require'config.php';
connectdatabase('LUCIS');

$empname = $_SESSION["empname"];
$timestamp= date("Y-m-d H:i:s");
$patientid=$_GET['pid'];

$clinchem=true;
$hematology=true;
$urinalysis=true;

if(empty($_GET['clinchemlab'])) $clinchem=false;
else{
    $clinchemlab=$_GET['clinchemlab'];
    $clinchemdate=$_GET['clinchemdate'];
    $fbs=$_GET['fbs']; $bun=$_GET['bun'];
    $crt=$_GET['crt']; $ua=$_GET['ua'];
    $tri=$_GET['tri']; $tc=$_GET['tc'];
    $hdl=$_GET['hdl']; $ldl=$_GET['ldl'];
    $vldl=$_GET['vldl']; $hdlr=$_GET['hdlr'];
    $tp=$_GET['tp']; $alb=$_GET['alb'];
    $glb=$_GET['glb']; $agr=$_GET['agr'];
    $sod=$_GET['sod']; $pot=$_GET['pot'];
    $ic=$_GET['ic']; $alt=$_GET['alt'];
    $alk=$_GET['alk']; $up=$_GET['up'];
    $uc=$_GET['uc']; $cc=$_GET['cc'];

    $fbsnv=$_GET['fbsnv'];
    $bunnv=$_GET['bunnv'];
    $crtnv=$_GET['crtnv']; $uanv=$_GET['uanv'];
    $trinv=$_GET['trinv'];
    $tcnv=$_GET['tcnv'];
    $hdlnv=$_GET['hdlnv']; $ldlnv=$_GET['ldlnv'];
    $vldlnv=$_GET['vldlnv'];
    $hdlrnv=$_GET['hdlrnv']; $tpnv=$_GET['tpnv'];
    $albnv=$_GET['albnv'];
    $glbnv=$_GET['glbnv'];
    $agrnv=$_GET['agrnv'];
    $sodnv=$_GET['sodnv'];
    $potnv=$_GET['potnv'];
    $icnv=$_GET['icnv'];
    $altnv=$_GET['altnv'];
    $alknv=$_GET['alknv']; $upnv=$_GET['upnv'];
    $ucnv=$_GET['ucnv'];
    $ccnv=$_GET['ccnv'];
}

//hematology
if(empty($_GET['hemalab'])) $hematology=false;
else{
    $hemalab=$_GET['hemalab'];
    $hemadate=$_GET['hemadate'];
    $hg=$_GET['hg'];

    $hema=$_GET['hema']; $rbc=$_GET['rbc'];
    $wbc=$_GET['wbc'];
    $plt=$_GET['plt']; $seg=$_GET['seg'];
    $lym=$_GET['lym'];

    $hgnv=$_GET['hgnv'];
    $hemanv=$_GET['hemanv'];
    $rbcnv=$_GET['rbcnv'];
    $wbcnv=$_GET['wbcnv'];
    $pltnv=$_GET['pltnv'];
    $segnv=$_GET['segnv'];
    $lymnv=$_GET['lymnv'];
}

//urinalysis
if(empty($_GET['urinelab'])) $urinalysis=false;
else{
    $urinelab=$_GET['urinelab'];
    $urinedate=$_GET['urinedate'];
    $urinecolor=$_GET['urinecolor'];
    $transparency=$_GET['transparency'];
    $ph=$_GET['ph'];
    $spgravity=$_GET['spgravity'];
    $albumin=$_GET['albumin'];
    $sugar=$_GET['sugar'];
}

```

```

        $casts=$_GET['cast'];
$hyaline=$_GET['hyaline'];
$granular=$_GET['granular'];
$waxy=$_GET['waxy'];
        $puscells=$_GET['puscells'];
$microrbc=$_GET['microrbc'];
$yeastcells=$_GET['yeastcells'];
$squamous=$_GET['squamous'];
        $renal=$_GET['renal'];
$bacteria=$_GET['bacteria'];
$mucus=$_GET['mucus'];
$crystals=$_GET['crystals'];
        $urates=$_GET['urates'];
$uricacid=$_GET['uricacid'];
$calcium=$_GET['calcium'];
$amorphous=$_GET['amorphous'];
        $triple=$_GET['triple'];
}

$sledaiflag=true;
$eclamflag=true;
$slamflag=true;
$bilagflag=true;
//sledai
if(empty($_GET['sledaiscore'])) $sleidaiflag=false;
else{

$sledaiscore=$_GET['sledaiscore'];

$sledainotes=$_GET['sledainotes'];
}

//eclam
if(empty($_GET['eclamscore'])) $eclamflag=false;
else{

$eclamscore=$_GET['eclamscore'];

$eclamnotes=$_GET['eclamnotes'];
}

//slam
if(empty($_GET['slamscore'])) $slamflag=false;
else{

$slamscore=$_GET['slamscore'];

$slamnotes=$_GET['slamnotes'];
        $slamcons=$_GET['slamcons'];
        $slaminteg=$_GET['slaminteg'];
        $slameye=$_GET['slameye'];

$slamreticulo=$_GET['slamreticulo'];

$slampulmo=$_GET['slampulmo'];

$slamcardio=$_GET['slamcardio'];

$slamgastro=$_GET['slamgastro'];

$slamneuro=$_GET['slamneuro'];

$slamjoints=$_GET['slamjoints'];
        $slamlab=$_GET['slamlab'];
}

//bilag
if($_GET['bilagscore']=='false') $bilagflag=false;
else{
        //
$bilagscore=$_GET['bilagscore'];

$bilagnotes=$_GET['bilagnotes'];

$bilaggeneral=$_GET['bilaggeneral'];

$bilagmuco=$_GET['bilagmuco'];

$bilagneuro=$_GET['bilagneuro'];

$bilagmusculo=$_GET['bilagmusculo'];

$bilagcardio=$_GET['bilagcardio'];

$bilagvascu=$_GET['bilagvascu'];
        $bilagrenal=$_GET['bilagrenal'];

$bilaghema=$_GET['bilaghema'];
}

//INSERT INTO PATIENT
$printString="";
$sledai=false;
$slam=false;
$eclam=false;
$bilag=false;

if($clinchem){
        $cc = mysql_query("INSERT INTO
CLINICALCHEM
        VALUES( '$patientid', '$empname','$timestamp',
'$clinchemlab', '$clinchemdate',
        '$
fbs','$fbsnv','$bun','$bunnv','$crt','$scrtnv','$ua','$uanv','$tri','$
trinv',
        '$
tc','$tcnv','$hdl','$hdlnv','$ldl','$ldlnv','$vldl','$vldlnv','$hdlr','$
hdlrnv',
        '$
tp','$tpnv','$alb','$albnv','$glb','$glbnv','$agr','$agrnv','$sod','$
sodnv',
        '$
pot','$potnv','$ic','$icnv','$alt','$altnv','$alk','$alknv','$up','$up
nv',
        '$
uc','$ucnv','$cc','$ccnv'");
        if ($cc){
                if(empty($printString))
$printString="Clinical chemistry";
                else $printString.=" Clinical
chemistry";
        }
        if($hematology){
                $hem = mysql_query("INSERT INTO
HEMATOLOGY
        VALUES( '$patientid','$empname','$timestamp','$hemalab','$h
emadate','$hg','$hgnv','$hema','$hemanv','$rbc',
        '$
rbcnv','$w
bc','$wbcnv','$plt','$pltnv','$seg','$segnv','$lym','$lymnv'");
                if ($hem){
                        if(empty($printString))
$printString="Hematology";
                        else $printString.="
Hematology";
                }
        }
        if($urinalysis){
                $urine = mysql_query("INSERT INTO
URINALYSIS
        VALUES( '$patientid', '$empname','$timestamp',
'$urinelab','$urinedate', '$urinecolor', '$transparency','$ph',
        '$
spgravity',
        '$albumin','$sugar','$casts', '$hyaline','$granular','$waxy',
        '$puscells','$microrbc','$yeastcells',
        '$squamous','$renal','$bacteria', '$mucus','$crystals',
        '$urates',
        '$uricacid','$calcium','$amorphous', '$triple'");
                if ($urine){
                        if(empty($printString))
$printString="Routine Urine";

```

```

else $printString.=" Routine
Urine";
    }
}
if($sledaiflag){
    $sledai = mysql_query("INSERT INTO
SLEDAI
VALUES( '$patientid', '$sledaiscore','$sledainotes',
'timestamp','$empname')");
    if ($sledai){
        if(empty($printString))
$printString.="SLEDAI disease activity index";
        else $printString.=" SLEDAI
disease activity index";
    }
}
if($eclamflag){
    $eclam = mysql_query("INSERT INTO
ECLAM
VALUES( '$patientid', '$eclamscore','$eclamnotes',
'timestamp','$empname')");
    if ($eclam){
        if(empty($printString))
$printString.="ECLAM disease activity index";
        else $printString.=" ECLAM
disease activity index";
    }
}
if($slamflag){
    $slam = mysql_query("INSERT INTO SLAM
VALUES( '$patientid','$slamscore','$slamcons','$slaminteg',
'$slameye','$slamreticulo',
'$slampulm
o','$slamcardio','$slamgastro','$slamneuro','$slamjoints','$sla
mlab','$slamnotes','$timestamp','$empname')");
    if ($slam){
        if(empty($printString))
$printString.="SLAM disease activity index";
        else $printString.=" SLAM
disease activity index";
    }
}
if($bilagflag){
    $bilag = mysql_query("INSERT INTO BILAG
VALUES( '$patientid','$bilaggeneral','$bilagmuco',
'$bilagneuro','$bilagmusculo',
'$bilagcardi
o','$bilagvascu','$bilagrenal','$bilaghema','$bilagnotes','$time
stamp','$empname')");
    if ($bilag){
        if(empty($printString))
$printString.="BILAG disease activity index";
        else $printString.=" BILAG
disease activity index";
    }
}
if(!$surinalysis && !$hematology && !$clinchem && !
$sledaiflag && !$slamflag && !$eclamflag && !$bilagflag){
    echo "<b>ERROR: Please check your input
values.<br>";
}
else{
    echo "You have successfully added
$printString";
}
function spaces($num){
    $string="";

```

```

for($i=1; $i<=$num; ++$i){
    $string.="&nbsp;";
}
echo $string;
}
?>

```

editaccount.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');
?>
<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
"images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
    <script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>
<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script language="JavaScript" type="text/javascript">
function createRequestObject() {
    var req;
    if(window.XMLHttpRequest) {
        // Firefox, Safari, Opera...
        req = new XMLHttpRequest();
    } else if(window.ActiveXObject) {
        // Internet Explorer 5+
        req = new ActiveXObject("Microsoft.XMLHTTP");
    } else {
        // There is an error creating the object,
        // just as an old browser is being used.
        alert('Problem creating the XMLHttpRequest object');
    }
    return req;
}
var http = createRequestObject();
function saveChanges(uname){
    var empcontact=
document.getElementById('econtact').value;
    var pwdchanged=
document.getElementById('pwdchanged').value;
    if(pwdchanged=="true"){
        var pwd=
document.getElementById('pwd').value;
        var pwd2=
document.getElementById('pwd2').value;
        if(pwd=="" || pwd2==""){
            alert("Please fill out the
password fields.");
        }
        if(pwd!=pwd2){
            alert("Your passwords do not
match.");
        }
        else{
            var queryString =
"&empcontact="+empcontact+"&pwd="+pwd+"&pwd2="+p
wd2;
            http.open('get', 'ajax-
manageacct.php?
&mode=savepwd&username='+uname+queryString);

```

```

        http.onreadystatechange =
handlesearchReq;                http.send(null);
    }
}

else{//only the contact no was changed
    var queryString =
"&empcontact="+empcontact;
    http.open('get', 'ajax-manageacct.php?
&mode=savecontact&username='+uname+queryString);
    http.onreadystatechange =
handlesearchReq;                http.send(null);
    }
}

function cancel(){
    newwindow = window.open('home.php','_self');
}

function handlesearchReq() {
if(http.readyState == 4 && http.status == 200){
    var response = http.responseText;
    if((response.lastIndexOf("ERROR:"))>0)
    {//an error occurred

document.getElementById("displayerror").innerHTML ="";

document.getElementById("displayerror").innerHTML =
response;
    }
    else{

document.getElementById("displayerror").innerHTML ="";

document.getElementById("userprofile").innerHTML
="";
document.getElementById("userprofile").innerHTML
= response;
    }
}
}

function resetPwd(){
    document.getElementById("pass").innerHTML ="";
    document.getElementById("pass").innerHTML
="<input type=password id='pwd' size=20>"+
    "<input type=hidden id='pwdchanged'
value='true'>";
    document.getElementById("encrypt").innerHTML
="";
    document.getElementById("confirm").innerHTML =
"Confirm pwd* &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input
type=password id='pwd2' >";
}

function reloadPage()
{
    window.location.reload()
}
</script>

<?php
if (empty($_SESSION['username'])) {//USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
    <script language="JavaScript">
        alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
        window.open('index.php',
'_self');

```

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    </script>
<?php
}
?>
<div class="content">
    <div id="toph"></div>
    <div id="header">
        <div class="rside">
            <div class="citation">
                <h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
            <?php echo
$_SESSION['clinicname']; ?></div>
            </div>
        <div class="lside"></div>
    </div>
    <div id="main">
        <div class="center">
            <h2>Edit User
Account</h2><i>Note: items marked with <font
color=#FF0000>*</font> are required fields.</i>
            <br><br><div id=resp
class='boxads4'></div>
            <div id='displayerror'
class='error'></div>

            <div id='userprofile'
align='center' class='userdetails' >
                <form action="#"
name="formone" method="post">
                    <?
                        $username = $_SESSION['username'];
                        $qry_result1
= mysql_query("SELECT * from USERS where
USERNAME='$username'");
                        echo
"<table cellspacing=10>";
                        while ($row
= mysql_fetch_array($qry_result1, MYSQL_NUM)) {
                            $uname=$row[0];
                            $pwd=$row[1];
                            $empname=$row[3];
                            $empno=$row[2];
                            $empcontact=$row[4];
                            $empstatus=$row[5];
                            $emppos=$row[6];
                            $usertype=$row[7];

                            echo" <tr><th align=right width=30%>Employee
No* </th><td width=40%>$empno</td><td rowspan=4
width=30%><img src='images/icons/users.jpg' width=100
height=100></td></tr>";

                            echo" <tr><th
align=right>Name* </th><td>$empname</td></tr>";

                            echo" <tr><th align=right>Contact
No </th><td><input type=text id='econtact'
value='$empcontact'></td></tr>";

                            echo" <tr><th
align=right>Position* </th><td>$emppos</td></tr>";

                            echo" <tr><th
align=right>Username </th><td>$uname</td></tr>";

                            echo " <tr><th align=right>Password </th><td
colspan=2><div id=pass><input type=text readonly=true
value='$pwd' size=20>

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        <input type=hidden id='pwdchanged'
value='false'><input type=button value='Reset Pwd'
onclick='resetPwd()'></div>

        <div id=encrypt><br>Password is MD5
encrypted</div></td></tr>";

        echo"<tr><td colspan=3><div
id=confirm></div></td></tr>";

        echo"<tr><th align=right>Type of
User</th><td>$usertype</td><td>&nbsp;</td></tr>";

        echo "<tr align=center><td
colspan=3><br><br><input type=button value='Save
Changes' onClick='saveChanges('$username')'">

        <input type=button value='Cancel'
onClick='cancel()'></td></tr></TABLE>";
    }
?>
        </form>
        <br>
        </div><br><br>
        <div class="leftmenu">

        <div class="padding"
align="center">
            <?php showIcons();?>

            <br>
            <hr>
            </div>
            <div class="padding">
            <h2>Funtionalities</h2>

            <div class="nav">
            <?php
showMenu($_SESSION["empty"]); ?>
            </div>
            </div>
            <!--<div id='notice'
class='boxads4'></div>-->

            </div>
            <br />&nbsp;<br />
            <div id="footer">Copyright © 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>

        </div>

</body>
</html>

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ros.php

```

<HTML><HEAD>
<style type="text/css" media="all">@import "images/style-
edited.css";</style>
<SCRIPT LANGUAGE="JavaScript">
function updateParent() {

    var category =
document.getElementById('category').value;
    var total="";
    for(var i=0; i < document.childform.opt.length; i++)
    {
        if(document.childform.opt[i].checked){
            if(total=="") total +=
document.childform.opt[i].value;

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                else total += " " +
document.childform.opt[i].value ;
            }
        }

        if(category=="general")
opener.document.parentform.general.value = total;
        else if(category=="skinandbreasts")
opener.document.parentform.skinbreast.value = total;
        else if(category=="eyesandvision")
opener.document.parentform.eyes.value = total;
        else if(category=="earsnoseandthroat")
opener.document.parentform.ent.value = total;
        else if(category=="resp")
opener.document.parentform.respiratory.value = total;
        else if(category=="heartandcardiovascular")
opener.document.parentform.heart.value = total;
        else if(category=="gastrointestinal")
opener.document.parentform.gastrointestinal.value = total;
        else if(category=="genitourinary")
opener.document.parentform.genitourinary.value = total;
        else if(category=="musculoskeletal")
opener.document.parentform.musculoskeletal.value = total;
        else if(category=="endocrine")
opener.document.parentform.endocrine.value = total;
        else if(category=="neurological")
opener.document.parentform.neurological.value = total;
        else if(category=="psychiatric")
opener.document.parentform.psychiatric.value = total;
        else if(category=="hematologiclymphatic")
opener.document.parentform.hematologic.value = total;

        self.close();
        return false;
    }

</SCRIPT>
</HEAD>

<BODY>
<?php
    $categ = $_GET['categ'];
    $header = strtoupper($categ);

?>
<div id="main"><div class='boxads3' align=center>
<FORM NAME="childform" onSubmit="return
updateParent();">
    <input type=hidden id=category value="<?php
echo $categ; ?>">
    <table>
    <?php
        if($categ=="general"){//output general category
options
?>
            <tr><td colspan=2><h2><?php echo
"GENERAL, CONSTITUTIONAL "; ?></h2>Select the
checkboxes that apply to your patient.<br><br></td></tr>
            <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="weight change">
weight change</td>
                <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="fever">
fever</td></tr>
            <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="sweats"> sweats</td>
                <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="anorexia"> anorexia</td></tr>
            <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="weakness"> weakness</td>
                <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="fatigue"> fatigue</td></tr>
            <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="insomnia"> insomnia</td>
                <td>&nbsp;</td></tr>
        </?php
        }
        else if($categ=="skinandbreasts"){//output general
category options

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?>
        <tr><td colspan=2><h2><?php echo
"SKIN AND BREASTS"; ?></h2>Select the checkboxes that
apply to your patient.<br><br></td></tr>
        <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="rash or itching"> rash
or itching</td>
        <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="change in skin
color"> change in skin color</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="change in hair or nails"> change in
hair or nails</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="varicose veins"> varicose
veins</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="breast pain"> breast pain</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="breast lump"> breast
lump</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="breast discharge"> breast
discharge</td>
        <td>&nbsp;</td></tr>
</php
}
else if($categ=="eyesandvision"){//output general
category options
?>
        <tr><td colspan=2><h2><?php echo
"EYES AND VISION"; ?></h2>Select the checkboxes that
apply to your patient.<br><br></td></tr>
        <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="visual dysfunction">
visual dysfunction</td>
        <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="redness">
redness</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="itchiness"> itchiness</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="pain"> pain</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="scotomata"> scotomata</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="lacrimation">
lacrimation</td></tr>
</php
}
else if($categ=="earsnoseandthroat"){//output
general category options
?>
        <tr><td colspan=2><h2><?php echo
"EARS, NOSE AND THROAT"; ?></h2>Select the checkboxes
that apply to your patient.<br><br></td></tr>
        <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="hearing loss">
hearing loss</td>
        <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="ringing in the ears">
ringing in the ears</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="earaches or discharge"> earaches
or discharge</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="sinus problems"> sinus
problems</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="nose bleeds"> nose bleeds</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="mouth sores"> mouth
sores</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="bleeding gum"> bleeding
gums</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="bad breath or bad taste"> bad
breath or bad taste</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="sore throat or voice change"> sore
throat or voice change</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="swollen glands in neck">swollen
glands in neck</td></tr>
</php
}
else if($categ=="resp"){//output general category
options
?>
        <tr><td colspan=2><h2><?php echo
"RESPIRATORY"; ?></h2>Select the checkboxes that apply to
your patient.<br><br></td></tr>
        <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="frequent coughing">
frequent coughing</td>
        <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="shortness of breath">
shortness of breath</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="spitting of blood"> spitting of
blood</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="asthma or wheezing"> asthma or
wheezing</td></tr>
</php
}
else if($categ=="heartandcardiovascular"){//output
general category options
?>
        <tr><td colspan=2><h2><?php echo
"HEART AND CARDIOVASCULAR"; ?></h2>Select the
checkboxes that apply to your patient.<br><br></td></tr>
        <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="chest pain"> chest
pain</td>
        <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="easy fatigability">
easy fatigability</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="nocturnal"> nocturnal</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="dyspnea"> dyspnea</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="orthopnea"> orthopnea</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="palpitations"> palpitations
</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="syncope"> syncope</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="edema"> edema</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="hypertension">
hypertension</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="claudcation">
claudcation</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="phebittis"> phebitis</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="varicosities">
varicosities</td></tr>
</php
}
else if($categ=="gastrointestinal"){//output general
category options
?>
        <tr><td colspan=2><h2><?php echo
"GASTROINTESTINAL"; ?></h2>Select the checkboxes that
apply to your patient.<br><br></td></tr>
        <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="nausea"> nausea
</td>

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        <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="vomiting">
vomiting</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="retching"> retching</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="hematemesis">
hematemesis</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="melena"> melena</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="hematochezia">
hematochezia</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="dysphagia"> dysphagia</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="belching"> belching</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="indigestion"> indigestion</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="food intolerance"> food
intolerance</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="flatulence"> flatulence</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="abdominal pain"> abdominal
pain</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="distention diarrhea"> distention
diarrhea</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="constipation and lessions">
constipation and lessions</td></tr>
</php
    }
    else if($categ=="genitourinary"){//output general
category options
?>
        <tr><td colspan=2><h2><?php echo
"GENITOURINARY"; ?></h2>Select the checkboxes that apply
to your patient.<br><br></td></tr>
        <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="urinary frequency">
urinary frequency</td>
        <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="urgency">
urgency</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="hesitancy"> hesitancy</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="dysuria"> dysuria</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="hematuria"> hematuria</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="nocturia"> nocturia</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="urine stream flow abnormality">
urine stream flow abnormality</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="flank pain"> flank pain</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="kidney stones"> kidney
stones</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="urethral discharge"> urethral
discharge</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="genital lesions"> genital
lesions</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="testicular mass"> testicular
mass</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="perineal pain"> perineal
pain</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="impotence vaginal discharge">
impotence vaginal discharge</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="abnormal bleeding"> abnormal
bleeding</td>
        <td>&nbsp;</td></tr>
    }
}
else if($categ=="musculoskeletal"){//output
general category options
?>
        <tr><td colspan=2><h2><?php echo
"MUSCULOSKELETAL"; ?></h2>Select the checkboxes that
apply to your patient.<br><br></td></tr>
        <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="joint stiffness"> joint
stiffness</td>
        <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="pain">joint
pain</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="swelling"> swelling</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="muscle pain"> muscle
pain</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="cramps"> cramps</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="weakness"> weakness</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="wasting"> wasting</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="trauma"> trauma</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="abnormal posture"> abnormal
posture</td>
        <td>&nbsp;</td></tr>
    }
}
else if($categ=="endocrine"){//output general
category options
?>
        <tr><td colspan=2><h2><?php echo
"ENDOCRINE"; ?></h2>Select the checkboxes that apply to
your patient.<br><br></td></tr>
        <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="heat-cold
intolerance"> heat-cold intolerance</td>
        <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="thyroid problems">
thyroid problems</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="breast-voice change"> breast-
voice change</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="diabetes or diabetic indicators">
diabetes or diabetic indicators</td></tr>
        <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="neck surgery"> neck surgery</td>
        <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="irradiation">
irradiation</td></tr>
    }
}
else if($categ=="neurological"){//output general
category options
?>
        <tr><td colspan=2><h2><?php echo
"NEUROLOGICAL"; ?></h2>Select the checkboxes that apply
to your patient.<br><br></td></tr>
        <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="headache">
headache</td>
        <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="seizure">
seizure</td></tr>

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                <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="sensory perversion"> sensory
perversion</td>
                <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="motor dysfunction"> motor
dysfunction</td></tr>
                <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="speech disturbance"> speech
disturbance</td>
                <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="mental changes"> mental
changes</td></tr>
                <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="head trauma"> head trauma</td>
                <td>&nbsp;</td></tr>
<?php
    }
    else if($categ=="psychiatric"){//output general
category options
?>
                <tr><td colspan=2><h2><?php echo
"PSYCHIATRIC"; ?></h2>Select the checkboxes that apply to
your patient.<br><br></td></tr>
                <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="anxiety">
anxiety</td>
                <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="depression">
depression</td></tr>
                <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="interpersonal relationship
difficulties"> interpersonal relationship
difficulties</td>
                <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="illusion"> illusion</td></tr>
                <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="delusion"> delusion</td>
                <td><INPUT NAME="opt"
TYPE="checkbox"
VALUE="hallucination">hallucination</td></tr>
                <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="paranoia"> paranoia</td>
                <td>&nbsp;</td></tr>
<?php
    }
    else if($categ=="hematologiclymphatic"){//output
general category options
?>
                <tr><td colspan=2><h2><?php echo
"HEMATOLOGIC/ LYMPHATIC"; ?></h2>Select the checkboxes
that apply to your patient.<br><br></td></tr>
                <tr><td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="slow to heal after
cuts"> slow to heal after cuts</td>
                <td width=50%><INPUT
NAME="opt" TYPE="checkbox" VALUE="easily bruise or
bleed"> easily bruise or bleed</td></tr>
                <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="anemia"> anemia</td>
                <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="phlebitis"> phlebitis</td></tr>
                <tr><td><INPUT NAME="opt"
TYPE="checkbox" VALUE="transfusion"> transfusion</td>
                <td><INPUT NAME="opt"
TYPE="checkbox" VALUE="swollen glands">swollen
glands</td></tr>
<?php
    }
?>
</table>
<BR><INPUT TYPE="submit" VALUE="Add"><input
type="reset" value="Clear">
</FORM>
</div></div></BODY></HTML>

```

view.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');
?>
<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
"images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
    <script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>
<SCRIPT LANGUAGE="JavaScript">
    function openChild(file,window) {
        var left = Math.floor((screen.availWidth -
400) / 2);
        var top = Math.floor((screen.availHeight -
340) / 2);
        childWindow=open(file,window,'resizable=yes,width=400,hei
ght=340,left='+left+',top='+top);
        if (childWindow.opener == null) childWindow.opener
= self;
    }
</SCRIPT>
<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script language="JavaScript" type="text/javascript">
function createRequestObject() {
    var req;
    if(window.XMLHttpRequest) { // Firefox, Safari, Opera...
        req = new XMLHttpRequest();
    } else if(window.ActiveXObject) { // Internet Explorer 5+
        req = new ActiveXObject("Microsoft.XMLHTTP");
    } else { // There is an error creating the object,
// just as an old browser is being used.
        alert("Problem creating the XMLHttpRequest object");
    }
    return req;
}
var http = createRequestObject();
function searchReq() {
    document.getElementById("displayerror").innerHTML ="";
    var pid= document.getElementById('pid1').value
+"-"+document.getElementById('pid2').value;
    var pname =
document.getElementById('pname').value;
    var flag=0;
    if( (pid.length==1)&& (pname=="")){//both are
empty-> output error message
        document.getElementById("displayerror").innerHTML =
"ERROR: Please fill out the patient's ID or name.";
        flag=1;
    }
    if((pid.length<10) && (pid.length>1)){//incomplete
id
        document.getElementById("displayerror").innerHTML =
"ERROR: Please complete the patient's ID.";
        flag=1;
    }
    if(flag==0){

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var query = "?&pid=" + pid + "&pname="
+ pname;
//alert(query);
http.open('get', 'ajax-
searchpatient.php?' + query);
http.onreadystatechange =
handlesearchReq;
    http.send(null);
}
}

function handlesearchReq() {
if(http.readyState == 4 && http.status == 200){
var response = http.responseText;
    if((response.lastIndexOf("ERROR:"))<0){//correct

        document.getElementById("search").innerHTML =
response;
    }
    else{//ERROR
// Update ajaxTest content

document.getElementById("displayerror").innerHTML =
response;
    }
}
}

function reloadPage() {
window.location.reload()
}

function openNew(pid) {
    document.cookie = "pid="+pid+";";
    newwindow = window.open('view2.php','_self');
}
</script>

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
    <script language="JavaScript">
        alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
        window.open('index.php',
'_self');
    </script>
<?php
}
?>
<div class="content">
    <div id="toph"></div>
    <div id="header">
        <div class="rside">
            <div class="citation">
                <h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
            <?php echo
$_SESSION['clinicname']; ?></div>
            </div>
            <div class="lside"></div>
        </div>
        <div id="main">
            <div class="center">
                <h2>View Medical
Record</h2><br>
                <div id='search' class='select'
align=left>
                    <form action="#"
id="form1" method="post">
                        Please enter the
patient's ID or last name.<br><br>
                    <div id='displayerror'
class='error'></div>

```

```

<table align=center>
    <tr><td>Patient's ID </td><td><input
type='text' id='pid1' maxlength=5 size=5> - <input
type='text' id='pid2' maxlength=4 size=4> <l>(eg. UST08-
****)</i></td></tr>
    <tr><td>Last name </td><td><input type='text'
id='pname'></td></tr>
</table>
<br><input
type='button' value="Search" id="searchpat"
onClick="searchReq();">
</form>
</div>
<br><br>
</div>
<div class="leftmenu">
<div class="padding"
align="center">
    <?php showIcons();?>
    <br>
    <hr>
</div>
<div class="padding">
<h2>Funtionalities</h2>
<div class="nav">
    <?php
showMenu($_SESSION["emptytype"]); ?>
</div>
</div>
<!--<div id='notice'
class='boxads4'></div-->
</div>
</div>
<br />&nbsp;<br />
<div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
</div></body></html>

```

view2.php

```

<?php
session_start();
require'config.php';
include("../Includes/FusionCharts.php");
include("../Includes/DBConn.php");

connectdatabase('LUCIS');
$PID = $_COOKIE["pid"];
$qry_result = mysql_query("SELECT * FROM
PATIENT WHERE PATIENTID='$PID'");
if((mysql_num_rows($qry_result) == 0)) {
    echo "ERROR: An unexpected error
occured. Patient information cannot be retrieved.";
}
else{
    while ($row =
mysql_fetch_array($qry_result, MYSQL_NUM)) {
        $patientname = $row[5],
$row[3] $row[4]";
        $sex = $row[6];
        $birthdate = $row[7];
        $mobileno = $row[8];
        $telno = $row[9];
        $address = $row[10];
    }
    mysql_free_result($qry_result);
}
$qry_result1 = mysql_query("SELECT MED_RECNO,
MED_STAT FROM MED_CONS WHERE MED_PID='$PID'");

```

```

        $i=-1;
        if((mysql_num_rows($qry_result1)> 0)) {
            while ($row =
mysql_fetch_array($qry_result1, MYSQL_NUM)) {
                $i++;
                $consultations[$i]=$row[0];
                $constatus[$i]=$row[1];
            }
            mysql_free_result($qry_result1);
        }
?>
<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
"images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
    <script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>

<SCRIPT LANGUAGE="JavaScript">
    function openChild(file,window) {
        var left = Math.floor((screen.availWidth -
400) / 2);
        var top = Math.floor((screen.availHeight -
340) / 2);
        //window.open("current.htm","", "height=2
00,width=200,left="+left+",top="+top);

        childWindow=open(file,window,'resizable=yes,width=400,height=340,left='+left+',top='+top);
        if (childWindow.opener == null) childWindow.opener
        = self;
    }
</SCRIPT>

<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<SCRIPT LANGUAGE="JavaScript"
SRC="../../FusionCharts/FusionCharts.js"></SCRIPT><!--
FUSION CHARTS-->

<script language="JavaScript" type="text/javascript">
function createRequestObject() {
    var req;
    if(window.XMLHttpRequest){// Firefox, Safari, Opera...
        req = new XMLHttpRequest();
    } else if(window.ActiveXObject) { // Internet Explorer 5+
        req = new ActiveXObject("Microsoft.XMLHTTP");
    } else {
        alert('Problem creating the XMLHttpRequest object');
    }
    return req;
}

var http = createRequestObject();

function sendRequest(mode) { //draft and final only
    //DEMOGRAPHICS
    var flag=0;
    if(mode=='DRAFT') flag=1;
    if(mode=='FINAL'){
        var input_box=confirm("Are you sure you
want to save this consultation record as final? \n"+
"Finalized records
cannot be edited anymore.\n\n" + "Click OK to continue.");
        if (input_box==true){ // Output when OK
            is clicked
                flag=1;
        }
    }
    if(flag==1){

```

```

        var chiefcomplaint =
document.getElementById('chiefcomplaint').value;
        //CHIEF COMPLAINT
        var hxpresentillness =
document.getElementById('hxpresentillness').value;
        //HX OF PRESENT ILLNESS
        var birthdevt =
document.getElementById('birthanddevt').value;
        var menarcheage =
document.getElementById('menarcheage').value;
        var menopauseage =
document.getElementById('menopauseage').value;
        var mensinterval =
document.getElementById('mensinterval').value;
        var duration =
document.getElementById('duration').value;
        var amount =
document.getElementById('amount').value;
        var lmp =
document.getElementById('lmp').value;
        var pmp =
document.getElementById('pmp').value;
        //PERSONAL AND SOCIAL HX
        var diets =
document.getElementById('diets').value;
        var habits =
document.getElementById('habits').value;
        var hobbies =
document.getElementById('hobbies').value;
        //DISEASE PREVENTION MEASURES
        var diphtheria =
document.getElementById('diphtheria').value;
        var pertussis =
document.getElementById('pertussis').value;
        var tetanus =
document.getElementById('tetanus').value;
        var polio =
document.getElementById('polio').value;
        var hepa =
document.getElementById('hepa').value;
        var measles =
document.getElementById('measles').value;
        var mumps =
document.getElementById('mumps').value;
        var rubella =
document.getElementById('rubella').value;
        var influenza =
document.getElementById('influenza').value;
        var regmed =
document.getElementById('regmed').value;
        var regblood =
document.getElementById('regblood').value;
        var regbloodresults =
document.getElementById('regbloodresults').value;
        //PAST MEDICAL HISTORY
        var allergies =
document.getElementById('allergies').value;
        var illnesses =
document.getElementById('illnesses').value;
        var operations =
document.getElementById('operations').value;
        var transfusions =
document.getElementById('transfusions').value;
        var injuries =
document.getElementById('injuries').value;
        var medications =
document.getElementById('medications').value;
        var adversedrug =
document.getElementById('adversedrug').value;
        //REVIEW OF SYSTEMS
        var general =
document.getElementById('general').value;
        var eyes =
document.getElementById('eyes').value;
        var ent =
document.getElementById('ent').value;
        var respiratory =
document.getElementById('respiratory').value;

```

```

        var heart =
document.getElementById('heart').value;
        var gastrointestinal =
document.getElementById('gastrointestinal').value;
        var genitourinary =
document.getElementById('genitourinary').value;
        var musculoskeletal =
document.getElementById('musculoskeletal').value;
        var skinbreast =
document.getElementById('skinbreast').value;
        var neurologic =
document.getElementById('neurological').value;
        var psychiatric =
document.getElementById('psychiatric').value;
        var endocrine =
document.getElementById('endocrine').value;
        var hematologic =
document.getElementById('hematologic').value;
        //PHYSICAL EXAM
        var height =
document.getElementById('height').value;
        var weight =
document.getElementById('weight').value;
        var bp =
document.getElementById('bp').value;
        var temp =
document.getElementById('temp').value;
        var pulse =
document.getElementById('pulse').value;
        var resprate =
document.getElementById('resprate').value;
        var gensurvey =
document.getElementById('gensurvey').value;
        var skinexam =
document.getElementById('skinexam').value;
        var heent =
document.getElementById('heent').value;
        var mobility =
document.getElementById('mobility').value;
        var lymphnodes =
document.getElementById('lymphnodes').value;
        var thyroid =
document.getElementById('thyroid').value;
        var othermasses =
document.getElementById('othermasses').value;
        var breastexam =
document.getElementById('breastexam').value;
        var thorax =
document.getElementById('thorax').value;
        var pulses =
document.getElementById('pulses').value;
        var abdomen =
document.getElementById('abdomen').value;
        var genitourinaryexam =
document.getElementById('genitourinaryexam').value;
        var musculoskeletalexam =
document.getElementById('musculoskeletalexam').value;
        var mentalstat =
document.getElementById('mentalstat').value;
        var cranialnerves =
document.getElementById('cranialnerves').value;
        var gait =
document.getElementById('gait').value;
        var motor =
document.getElementById('motor').value;
        var coord =
document.getElementById('coord').value;
        var sensory =
document.getElementById('sensory').value;
        var superficial =
document.getElementById('superficial').value;
        var deeptendon =
document.getElementById('deeptendon').value;
        var abnormal =
document.getElementById('abnormal').value;
        //CASE SUMMARY
        var subjective =
document.getElementById('subjective').value;

```

```

        var objective =
document.getElementById('objective').value;
        var assessment =
document.getElementById('assessment').value;
        var plans =
document.getElementById('plans').value;

        var queryString = "?&method=" + mode
+ "&cc=" + chiefcomplaint + "&hxpres=" + hxpresentillness
+ "&birthdevt=" + birthdevt + "&menage=" + menarcheage
+
        "&menoage=" + menopauseage
+ "&mensint=" + mensinterval + "&duration=" + duration +
"&amount=" + amount + "&imp=" + lmp + "&pmp=" + pmp
+
        "&diets=" + diets + "&habits="
+ habits+ "&hobbies=" + hobbies +
"&diphtheria=" + diphtheria + "&pertussis=" + pertussis + "&tetanus
=" + tetanus + "&polio=" + polio + "&hepa=" + hepa + "&measles="
+ measles + "&mumps=" + mumps + "&rubella=" + rubella +
"&influenza=" + influenza + "&regmed=" + regmed +
"&regblood=" + regblood + "&regbloodresults=" + regbloodresult
s + "&allergies=" + allergies + "&illnesses=" + illnesses + "&operati
ons=" + operations + "&transfusions=" + transfusions + "&injuries
=" + injuries + "&medications=" + medications + "&adversedrug="
+ adversedrug +
        "&general=" + general + "&eyes=" + eyes + "&ent=" + e
nt + "&resp=" + respiratory + "&heart=" + heart + "&gastro=" + gas
trointestinal + "&genito=" + genitourinary + "&musculo=" + musc
uloskeletal + "&skinbreast=" + skinbreast + "&neurologic=" + neu
rologic + "&psychiatric=" + psychiatric + "&endocrine=" + endocri
ne + "&hematologic=" + hematologic + "&height=" + height + "&w
eight=" + weight + "&bp=" + bp + "&temp=" + temp + "&pulse
rate=" + pulse + "&resprate=" + resprate + "&gensurvey=" + gens
urvey + "&skinexam=" + skinexam + "&heent=" + heent + "&mobil
ity=" + mobility + "&lymphnodes=" + lymphnodes + "&thyroid="
+ thyroid + "&othermasses=" + othermasses + "&breastexam="
+ breastexam + "&thorax=" + thorax + "&pulses=" + pulses + "&ab
domen=" + abdomen + "&genitourinaryexam=" + genitourinaryex
am + "&musculoskeletalexam=" + musculoskeletalexam + "&m
entalstat=" + mentalstat + "&cranial=" + cranialnerves + "&gait="
+ gait + "&motor=" + motor + "&coord=" + coord + "&sensory=" + de
eptendon + "&superficial=" + superficial + "&deeptendon=" + deept
endon + "&abnormal=" + abnormal + "&subj=" + subjective + "&ob
j=" + objective + "&assessment=" + assessment + "&plans=" + pla
ns;

http.open('get', 'ajax-addoldpatient.php?' + queryString);
        http.onreadystatechange =
handleResponse;
        http.send(null);
    }
}

function handleResponse() {
if(http.readyState == 4 && http.status == 200){
        var response = http.responseText;

if((response.lastIndexOf("successfully"))>0){//correct
        document.getElementById("addform").innerHTML =
"";

        document.getElementById("addform").innerHTML =
"<div id='notice' class='boxads4'> " + response + "</div>";
        }
        else if((response.lastIndexOf("one"))>0){
document.getElementById("addform").innerHTML = "";

document.getElementById("addform").innerHTML = "<div
id='notice' class='boxads4'> " + response + "</div>";
        }
        else{//ERROR
// Update ajaxTest content

        document.getElementById("notice").innerHTML =
response;
        }
}
}

```



```

        </div>
        <br><br>
    </div>
    <div class="leftmenu">
        <div class="padding"
align="center">
            <?php showIcons();?>
            <br>
            <hr>
        </div>
        <div class="padding">
            <h2>Functionalities</h2>
            <div class="nav">
                <?php
showMenu($_SESSION["empty"]); ?>
            </div>
        </div>
    </div>
    <br />&nbsp;  <br />
    <div id="footer">Copyright © 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
</div>
</body>
</html>

```

ajax-searchpatient.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');

    $pid = $_GET['pid'];
    $pname = $_GET['pname'];
    $query="";
    if(strlen($pid)>1){
        $query.= "PATIENTID = '$pid' ";
    }
    if(!empty($pname)){
        if(!empty($query)){
            $query.= "AND PATLNAME like
'%"$pname%";
        }
        else{
            $query.= "PATLNAME like '%"
            $pname%";
        }
    }
    $searchquery = "SELECT PATIENTID, PATFNAME,
PATMNAME, PATLNAME FROM PATIENT WHERE (" . $query . ")
ORDER BY PATLNAME, PATFNAME";

    $qry_result = mysql_query($searchquery);
    if((mysql_num_rows($qry_result) == 0) ){//unique
new patient, no record yet
        echo "ERROR: No medical record matched
your query.";
    }
    else{//output query results
        echo "<b>Search
results</b><br><i>Click the patient's name to select his
record.</i><br><br>";
        echo "<table width=100% cellspacing=10
cellpadding=10%>";
        echo "<tr><td width=35%><b>Patient
ID</td><td><b>Patient Name</td></tr>";
        while ($row =
mysql_fetch_array($qry_result, MYSQL_NUM)) {
            ?>

```

```

            <tr><td width=30%><? echo
$row[0]; ?></td><td><label onClick="openNew('<? echo
$row[0]; ?>')"> <? echo "$row[3], $row[1] $row[2]"; ?
></label></td></tr>
        <?php
        }
        echo "</table>";
    }
    ?>

```

patientrecord.php

```

<?php
session_start();
$pid= $_GET["patientid"];
$recno = $_GET["recno"];

define('FPDF_FONTPATH','pdf/font/');
require('pdf/fpdf.php');
require('pdf/mysql_table.php');

class PDF extends PDF_MySQL_Table
{
    function Header()
    {
        //Title
        $banner = $_SESSION['clinicname'];
        //pdf->Cell(190,4,'Patient
Information',0,2,'L',1);
        $banner2= 'LUPUS CLINIC INFORMATION
SYSTEM';

        $this->SetFillColor(248,240,148);
        $this->SetFont('Arial','B',11);
        $this->Ln(5);
        $this->Cell(0,7,$banner2,0,1,'R',1);
        $this->SetFont('Arial','',9);
        $this->Cell(0,7,$banner,0,1,'R',1);
        $this->Ln(5);
        //Ensure table header is output
parent::Header();
    }
    //Page footer
    function Footer()
    {
        $recno = $_GET["recno"];
        //Position at 1.5 cm from bottom
        $this->SetY(-15);
        //Arial italic 8
        $this->SetFont('Arial','I',8);
        //Page number
        $this->Cell(0,10,'Medical Record No. ' .
$recno,0,0,'L');
        $this->Cell(0,10,'Page ' . $this->PageNo().'/
{nb}',0,0,'C');
    }
    var $col=0;

    function SetCol($col)
    {
        //Move position to a column
        $this->col=$col;
        $x=10+$col*65;
        $this->SetLeftMargin($x);
        $this->SetX($x);
    }

    function AcceptPageBreak()
    {
        if($this->col<2)
        {
            //Go to next column
            $this->SetCol($this->col+1);
            $this->SetY(10);
            return false;
        }
        else

```

```

    }
    //Go back to first column and issue page break
    $this->SetCol(0);
    return true;
}
}

//Connect to database
mysql_connect('localhost','root','root');
mysql_select_db('LuCIS');

//PATIENT INFO
$qry_result = mysql_query("SELECT * FROM PATIENT WHERE
PATIENTID='$pid'");
while ($row = mysql_fetch_array($qry_result,
MYSQL_NUM)) {
    $pat[1] = "$row[5], $row[3] $row[4]";
    $pat[0] = $row[2];
    $pat[2] = $row[6];
    $pat[3] = $row[7];
    $pat[4] = $row[9]." / ".$row[9];
    $pat[5] = $row[10];
}
mysql_free_result($qry_result);

    $qry_result = mysql_query("SELECT *
FROM MED_CONS WHERE MED_PID='$pid' AND
MED_RECNO='$recno'");
while ($row = mysql_fetch_array($qry_result,
MYSQL_NUM)) {
    $med[0] = $row[0]." (".$row[4].")";
    $med[1] = $row[2];
    $med[2] = $row[3];
    $med[3] = $row[7];
    $med[4] = "";
    $med[5] = "";
    $cc=$row[5];
    $hxpres=$row[6];
}
mysql_free_result($qry_result);
$ipat=array("Patient ID","Name","Sex","Date of
Birth","Contact Nos","Address");
if(!empty($med[3])) $rmed=array("Medical Record
No","Attending Physician","Report Date/Time","Initial draft by
Clerk","","");
else $rmed=array("Medical Record No","Attending
Physician","Report Date/Time","","","");

//LuPUS DATA
$lupusdata = mysql_query("SELECT * FROM LUPUSDATA
WHERE LUPUS_PID='$pid'");
while ($row = mysql_fetch_array($lupusdata,
MYSQL_NUM)) {
    $lupus[0] = $row[1];//lupus age
    $lupus[1] = $row[2];//lupus date
    $lupus[2]=$row[3]; //acr
    $lupus[3]="";
    $lupus[4]=$row[4]." g/L";//hgb
    $lupus[5]=$row[8];//alb
    $lupus[6]=$row[12]." gM/L";//crt
    $lupus[7]=$row[5]." x
109/L";//wbc
    $lupus[8]=$row[9];//urine wbc
    $lupus[9]=$row[13]." g/L";//c3
    $lupus[10]=$row[6]." x 109/L";
    //plt
    $lupus[11]=$row[10];
    //rbc
    $lupus[12]=$row[7]." mm/hr";
    //esr
    $lupus[13]=$row[11];//casts

    $lupus[14]=$row[14];//lupusman
    $lupus[15]= "";
    $lupusupd= "(Last updated on
".$row[15].")";//lupusstamp
}

mysql_free_result($lupusdata);
$lup=array("Age at lupus diagnosis","Mo/Yr of lupus
diagnosis","ACR criteria at lupus diagnosis","Laboratory tests
at lupus diagnosis",
"Hgb","WBC","Plt","ESR","Urine:
alb","wbc","rbc","casts","Creatinine","C3","","");

//BIRTH AND DEVT
$birthdevt = mysql_query("SELECT * FROM
BIRTHDEVT WHERE BIRTH_PID='$pid' AND
BIRTH_RECNO='$recno'");
if((mysql_num_rows($birthdevt) > 0)) {
    while ($row =
mysql_fetch_array($birthdevt, MYSQL_NUM)) {
        $feedinghx =
"Feeding history: ".$row[2];
        $birthstamp = "";
    }
}
else{
    $feedinghx = "";
    $birthstamp = "(Not filled-out)";
}
mysql_free_result($birthdevt);

//MESTRUAL
$menstrual = mysql_query("SELECT * FROM MENSTRUALHX
WHERE MENS_PID='$pid' AND MENS_RECNO='$recno'");
if((mysql_num_rows($menstrual) > 0)) {
    while ($row =
mysql_fetch_array($menstrual, MYSQL_NUM)) {
        $men[0]=$row[2];//mena
        $men[1]=$row[3];//men0
        $men[2]=$row[4];//int
        $men[3]="";//blank
        $men[4]=$row[5];//duration
        $men[5]=$row[6];//amt
        $men[6]=$row[7];//lmp
        $men[7]=$row[8];//pmp
        $mensup = "";
    }
}
else{
    $mensup = "(Not filled-out)";
}
mysql_free_result($menstrual);
$mens=array("Menopause-age","Menarche-
age","Menstrual flow-
interval","","Duration","Amount","LMP","PMP");

//personal and social hx
$personal = mysql_query("SELECT * FROM
PERSONALSOCIALHX WHERE PER_PID='$pid' AND
PER_RECNO='$recno'");
if((mysql_num_rows($personal) > 0)) {
    while ($row =
mysql_fetch_array($personal, MYSQL_NUM)) {
        $per[0] = $row[2];
        $per[1]= $row[3];
        $per[2]=$row[4];
        $perstamp = "";
    }
}
else{
    $perstamp = "(Not filled-out)";
}
mysql_free_result($personal);
$pers=array("Diets","Habits","Hobbies");
//DISEASE PREV MEASURES
$disease = mysql_query("SELECT * FROM DISEASEPREV
WHERE DIS_PID='$pid' AND DIS_RECNO='$recno'");
if((mysql_num_rows($disease) > 0)) {
    while ($row =
mysql_fetch_array($disease, MYSQL_NUM)) {

```



```

$phy[16]=$row[17];//abdomen
$phy[17]=$row[18];//genito
$phy[18]=$row[19];//musculo
$phy[19]=$row[20];//mental stat
$phy[20]=$row[21];//cranial
$phy[21]=$row[22];//gait
$phy[22]=$row[23];//motor
$phy[23]=$row[24];//coord
$phy[24]=$row[25];//sensory
$phy[25]=$row[26];//superficial
$phy[26]=$row[27];//deep tendon
$phy[27]=$row[28];//abnormal
    $pestamp = "";
    }
    else{
        $pestamp = "(Not filled-out)";
    }
    mysql_free_result($pe);

    $phys=array("Weight","Height","BP","Temp","Pulse
rate/ character","Respiratory rate/pattern",
"General
Survey","Skin","HEENT"," Mobility"," Lymph nodes","
Thyroid gland",
" Other
masses","Breast","Thorax/
Lungs","Pulses","Abdomen","Genito-
urinary","Muculoskeletal","Mental Status",
"Cranial Nerves","Gait
and Station","Motor","Coordination","Sensory",
Superficial"," Deep tendon"," Abnormal");
//CASE SUMMARY
$qry_result = mysql_query("SELECT * FROM CASESUMMARY
WHERE CS_PID='$pid' AND CS_RECNO='$recno'");
    while ($row = mysql_fetch_array($qry_result,
MYSQL_NUM)) {
        $cs[0] = $row[2];
        $cs[1] = $row[3];
        $cs[2] = $row[4];
        $cs[3] = $row[5];
    }
    mysql_free_result($qry_result);
    $css=array("I. Subjective Data","II. Objective
Data","III. Assessment","IV. Plan(s)");

//SLAM
$slamok=false;
$qry_result = mysql_query("SELECT * FROM SLAM WHERE
SLAM_PID='$pid' ORDER BY SLAM_STAMP DESC LIMIT
1");//GET THE LATEST SLAM
    if((mysql_num_rows($qry_result) > 0)) {
        while ($row =
mysql_fetch_array($qry_result, MYSQL_NUM)) {
            $slam[0] = $row[1];//score
            $slam[1] = $row[2];//cons
            $slam[2] = $row[3];//integ
            $slam[3] = $row[4];//eye
            $slam[4] = $row[5];//reticulo
            $slam[5] = $row[6];//pulmo
            $slam[6] = $row[7];//cardio
            $slam[7] = $row[8];//gastro
            $slam[8] = $row[9];//neuro
            $slam[9] = $row[10];//joints
            $slam[10] = $row[11];//lab
            $slam[11] = $row[12];//notes
            $slam[12] = $row[13];//stamp
            $slam[13] = $row[14];//input
        }
        $slamok=true;
    }
    else{
        $slam=array("", "", "", "", "", "", "", "", "", "", "", "");
    }
    mysql_free_result($qry_result);

    $bilagok=false;
    $qry_result = mysql_query("SELECT * FROM BILAG WHERE
BILAG_PID='$pid' ORDER BY BILAG_STAMP DESC LIMIT
1");//GET THE LATEST SLAM
    if((mysql_num_rows($qry_result) > 0)) {
        while ($row =
mysql_fetch_array($qry_result, MYSQL_NUM)) {
            //bil[0] = $row[1];//score
            $bil[0] = $row[1];//gen
            $bil[1] = $row[2];//muco
            $bil[2] = $row[3];//neuro
            $bil[3] = $row[4];//musculo
            $bil[4] = $row[5];//cardio
            $bil[5] = $row[6];//vascu
            $bil[6] = $row[7];//renal
            $bil[7] = $row[8];//hema
            $bil[8] = "";
            $bil[9] = "";
            $bil[10] = $row[9];//notes
            $bil[11] = $row[10];//stamp
            $bil[12] = $row[11];//input
        }
        $bilagok=true;
    }
    else{
        $bil=array("", "", "", "", "", "", "", "", "", "", "", "");
    }
    mysql_free_result($qry_result);

    $bilaglabel=array("GENERAL","MUCOCUTANEOUS","NEUROLO
GICAL","MUSCULOSKELETAL","CARDIOVASCULAR &
RESPIRATORY",
"VASCULITIS","RENAL","HEMATOLOGY","", "");

//SLEDAI
$sledaiok=false;
$qry_result = mysql_query("SELECT * FROM SLEDAI WHERE
SLEDAI_PID='$pid' ORDER BY SLEDAI_STAMP DESC LIMIT
1");//GET THE LATEST SLAM
    if((mysql_num_rows($qry_result) > 0)) {
        while ($row =
mysql_fetch_array($qry_result, MYSQL_NUM)) {
            $sledai[0] = $row[1];//score
            $sledai[1] = $row[2];//notes
            $sledai[2] = $row[3];//stamp
            $sledai[3] = $row[4];//input
        }
        $sledaiok=true;
    }
    else{
        $sledai=array("", "", "", "");
    }
    mysql_free_result($qry_result);

//ECLAM
$eclamok=false;
$qry_result = mysql_query("SELECT * FROM ECLAM WHERE
ECLAM_PID='$pid' ORDER BY ECLAM_STAMP DESC LIMIT
1");//GET THE LATEST SLAM
    if((mysql_num_rows($qry_result) > 0)) {
        while ($row =
mysql_fetch_array($qry_result, MYSQL_NUM)) {

```

```

        $seclam[0] = $row[1]//score
        $seclam[1] = $row[2]//notes
        $seclam[2] = $row[3]//stamp
        $seclam[3] = $row[4]//input
    }
    $seclamok=true;
}
else{ $seclam=array("","","","");
}
mysql_free_result($qry_result);

///-----PRINTING OF RESULTS
HERE-----///
$pdf=new PDF();
$pdf->Open();
$pdf->SetAutoPageBreak(true);
$pdf->AddPage();
$pdf->AliasNbPages();
$pdf->SetFillColor(23,154,217);

//PATIENT INFO
$pdf->SetFont('Arial','B',8);
$pdf->SetTextColor(251,252,253);
$pdf->Cell(190,4,'Patient Information',0,2,'L',1);
$pdf->Ln();
$pdf->SetTextColor(0,0,0);
for($i=0;$i<=5;$i++){
    $pdf->SetFont('Arial','B',7);
    $pdf->Cell(20,3,$ipat[$i],0);
    $pdf->SetFont('Arial','',7);
    $pdf->Cell(50,3,$ipat[$i],0);
    $pdf->SetFont('Arial','B',7);
    $pdf->Cell(30,3,$rmed[$i],0);
    $pdf->SetFont('Arial','',7);
    $pdf->Cell(50,3,$med[$i],0);
    $pdf->Ln();
}
$pdf->Ln(5);
//LUPUS DATA
$pdf->SetFont('Arial','B',8);
$pdf->SetTextColor(251,252,253);
$pdf->Cell(190,4,'Lupus Data',0,2,'L',1);
$pdf->SetTextColor(0,0,0);
$pdf->SetFont('Arial','B',7);
$pdf->Ln();
for($i=0;$i<=3;$i++){
    $pdf->SetFont('Arial','B',7);
    $pdf->Cell(50,3,$slup[$i],0);
    $pdf->SetFont('Arial','',7);
    $pdf->Cell(50,3,$lupus[$i],0);
    $pdf->Ln();
}
$pdf->Ln();
for($i=4;$i<=12;$i+=4){
    $pdf->SetFont('Arial','B',7);
    $pdf->Cell(10,3,"",0);
    $pdf->SetFont('Arial','B',7);//1

    $pdf->Cell(15,3,$slup[$i],0);
    $pdf->SetFont('Arial','',7);
    $pdf->Cell(15,3,$lupus[$i],0);
    $pdf->SetFont('Arial','B',7);//2
    $pdf->Cell(10,3,$slup[$i+1],0);
    $pdf->SetFont('Arial','',7);
    $pdf->Cell(15,3,$lupus[$i+1],0);
    $pdf->SetFont('Arial','B',7);//3
    $pdf->Cell(10,3,$slup[$i+2],0);
    $pdf->SetFont('Arial','',7);
    $pdf->Cell(15,3,$lupus[$i+2],0);
    $pdf->SetFont('Arial','B',7);//4
    $pdf->Cell(10,3,$slup[$i+3],0);
    $pdf->SetFont('Arial','',7);
    $pdf->Cell(15,3,$lupus[$i+3],0);
    $pdf->Ln();
}
//chief complaint
$pdf->Ln();
$pdf->SetFont('Arial','B',8);
$pdf->Cell(190,4,'Chief Complaint',1,2);

$pdf->Ln();
$pdf->SetTextColor(0,0,0);
$pdf->SetFont('Arial','',7);
$pdf->Write(3,$cc);
//HXPRESNT
$pdf->Ln();$pdf->Ln();
$pdf->SetFont('Arial','B',8);
$pdf->Cell(190,4,'History of Present Illness',1,2);
$pdf->Ln();
$pdf->SetTextColor(0,0,0);
$pdf->SetFont('Arial','',7);
$pdf->Write(3,$hxpres);//Cell(190,3,,0);
$pdf->Ln();
//BIRTH AND DEVT
$pdf->Ln();
$pdf->SetFont('Arial','B',8);
$pdf->Cell(190,4,'Birth and Developmental History ',
    $birthstamp,1,2);
$pdf->Ln();
$pdf->SetTextColor(0,0,0);
$pdf->SetFont('Arial','',7);
$pdf->Write(3,$feedinghx);//Cell(190,3,$feedinghx,0);
$pdf->Ln();
//MENSTRUAL
$pdf->Ln();
$pdf->SetFont('Arial','B',8);
$pdf->Cell(190,4,'Menstrual History',$mensup,1,2);
$pdf->Ln();
if($mensup==""){//print contents if menstrual hx not empty
    for($i=0;$i<=6;$i+=2){
        $pdf->SetFont('Arial','B',7);
        $pdf->Cell(30,3,$mens[$i],0);
        $pdf->SetFont('Arial','',7);
        $pdf->Cell(30,3,$men[$i],0);
        $pdf->SetFont('Arial','B',7);
        $pdf->Cell(30,3,$mens[$i+1],0);
        $pdf->SetFont('Arial','',7);
        $pdf->Cell(30,3,$men[$i+1],0);
        $pdf->Ln();
    }
}
$pdf->Ln();
//personal and social hx
$pdf->Ln();
$pdf->SetFont('Arial','B',8);
$pdf->Cell(190,4,'Personal and Social History ',
    $perstamp,1,2);
$pdf->Ln();
$pdf->SetTextColor(0,0,0);
if($perstamp==""){
    for($i=0;$i<=2;$i++){
        $pdf->SetFont('Arial','B',7);
        $pdf->Cell(20,3,$pers[$i],0);
        $pdf->SetFont('Arial','',7);
        $pdf->Cell(155,3,$per[$i],0);
        $pdf->Ln();
    }
}
$pdf->Ln();
//DISEASE PREV
$pdf->Ln();
$pdf->SetFont('Arial','B',8);
$pdf->Cell(190,4,'Disease Prevention Measures ',
    $disstamp,1,2);
$pdf->Ln();
$pdf->SetTextColor(0,0,0);
if($disstamp==""){
    $pdf->SetFont('Arial','b',7);
    $pdf->Cell(190,3,'I. Immunizations',0);
    $pdf->Ln();
    $pdf->Cell(10,3,"",0);
    $pdf->SetFont('Arial','B',7);
    $pdf->Cell(20,3,'TYPE',1,0,'C');
    $pdf->Cell(20,3,'AGE',1,0,'C');
    $pdf->Cell(20,3,'TYPE',1,0,'C');
    $pdf->Cell(20,3,'AGE',1,0,'C');
    $pdf->Ln();
    for($i=0;$i<=7;$i+=2){
        $pdf->Cell(10,3,"",0);

```

```

                $pdf->SetFont('Arial','B',7);
                $pdf->Cell(20,3,$diss[$i],1);
                $pdf->SetFont('Arial','',7);
                $pdf->Cell(20,3,$dis[$i],1,0,'C');
                $pdf->SetFont('Arial','B',7);
                $pdf->Cell(20,3,$diss[$i+1],1);
                $pdf->SetFont('Arial','',7);
                $pdf->Cell(20,3,$dis[$i+1],1,0,'C');
                $pdf->Ln();
            }
            $pdf->Ln();
            $pdf->SetTextAlign(0,0,0);
            $pdf->SetFont('Arial','b',7);
            $pdf->Cell(40,3,$diss[10],0);
            $pdf->SetFont('Arial','',7);
            $pdf->Cell(155,3,$dis[10],0);
            $pdf->Ln();
            $pdf->SetFont('Arial','b',7);
            $pdf->Cell(40,3,$diss[11],0);
            $pdf->SetFont('Arial','',7);
            $pdf->Cell(155,3,$dis[11],0);
            $pdf->Ln();
            $pdf->SetFont('Arial','b',7);
            $pdf->Cell(40,3,$diss[12],0);
            $pdf->SetFont('Arial','',7);
            $pdf->Cell(155,3,$dis[12],0);
            $pdf->Ln();
        }
        //PAST MED
        $pdf->Ln();
        $pdf->SetFont('Arial','B',8);
        $pdf->Cell(190,4,'Past Medical History '.$paststamp,1,2);
        $pdf->Ln();
        if($paststamp==""){
            for($i=0; $i<=6; $i++){
                $pdf->SetFont('Arial','b',7);
                $pdf->Cell(35,3,$pasts[$i],0);
                $pdf->SetFont('Arial','',7);
                $pdf->Cell(155,3,$pastmed[$i],0);
                $pdf->Ln();
            }
        }
        //ROS
        $pdf->AddPage();
        $pdf->SetFont('Arial','B',8);
        $pdf->Cell(190,4,'Review of Systems '.$rosstamp,1,2);
        $pdf->Ln();
        if($rosstamp==""){
            for($i=0; $i<=12; $i++){
                $pdf->SetFont('Arial','b',7);
                $pdf->Cell(35,3,$review[$i],0);
                $pdf->SetFont('Arial','',7);
                $pdf->Cell(155,3,$rev[$i],0);
                $pdf->Ln();
            }
        }
        $pdf->Ln();
        //PHYSICAL EXAM
        $pdf->Ln();
        $pdf->SetFont('Arial','B',8);
        $pdf->Cell(190,4,'Physical Exam '.$pestamp,1,2);
        $pdf->Ln();
        if($pestamp==""){
            for($i=0; $i<=8; $i++){
                $pdf->SetFont('Arial','b',7);
                $pdf->Cell(35,3,$phys[$i],0);
                $pdf->SetFont('Arial','',7);
                $pdf->Cell(155,3,$phy[$i],0);
                $pdf->Ln();
            }
            $pdf->SetFont('Arial','b',7);
            $pdf->Cell(35,3,'Neck',0);
            $pdf->Ln();
            for($i=9; $i<=24; $i++){
                $pdf->SetFont('Arial','b',7);
                $pdf->Cell(35,3,$phys[$i],0);
                $pdf->SetFont('Arial','',7);
                $pdf->Cell(155,3,$phy[$i],0);
                $pdf->Ln();
            }
        }
        $pdf->SetFont('Arial','B',7);
        $pdf->Cell(35,3,'Reflexes',0);
        $pdf->Ln();
        for($i=25; $i<=27; $i++){
            $pdf->SetFont('Arial','b',7);
            $pdf->Cell(35,3,$phys[$i],0);
            $pdf->SetFont('Arial','',7);
            $pdf->Cell(155,3,$phy[$i],0);
            $pdf->Ln();
        }
    }
    $pdf->Ln();
    //CASE SUMMARY
    $pdf->Ln();
    $pdf->SetFont('Arial','B',8);
    $pdf->Cell(190,4,'Case Summary',1,2);
    $pdf->Ln();
    for($i=0; $i<=3; $i++){
        $pdf->SetFont('Arial','b',7);
        $pdf->Cell(35,3,$css[$i],0);
        $pdf->Ln();
        $pdf->SetFont('Arial','',7);
        $pdf->Write(3,$css[$i]);
        $pdf->Cell(155,3,$css[$i],0);
        $pdf->Ln();
    }
    ////////////////
    $pdf->AddPage();
    ////////////////
    $pdf->SetFont('Arial','B',11);
    $pdf->SetTextAlign(251,252,253);
    $pdf->Cell(20,6,"",0,0);
    $pdf->Cell(70,6,'BILAG',0,0,'c',1);
    $pdf->Cell(10,6,"",0,0);
    $pdf->Cell(70,6,'SLAM',0,0,'L',1);
    $pdf->Ln();
    $pdf->Ln();
    $pdf->SetFont('Arial','',9);
    $pdf->SetTextAlign(0,0,0);
    for($i=0; $i<=9; $i++){
        $pdf->Cell(20,4,"",0,0);
        $pdf->Cell(60,4,$bilaglabel[$i],0,0,'R');
        if($i<=7) $pdf->Cell(10,4,$bil[$i],1,0,'C');
        else $pdf->Cell(10,4,$bil[$i],0,0,'C');
        $pdf->SetFont('Arial','',9);
        $pdf->Cell(10,4,"",0,0);
        $pdf->Cell(60,4,$slamlabel[$i],0,0,'R');
        $pdf->Cell(10,4,$slam[$i],1,0,'C');
        $pdf->Ln();
    }
    //last updated
    $pdf->SetFont('Arial','l',8);
    $pdf->Cell(20,4,"",0,0);
    if($bilagok) $pdf->Cell(70,4,'last updated on '.$bil[11],0,0,'R');
    else $pdf->Cell(70,4,"",0,0,'R');
    $pdf->Cell(10,4,"",0,0);
    if($slamok) $pdf->Cell(70,4,'last updated on '.$slam[12],0,0,'R');
    $pdf->SetLineWidth(0.5);
    //pdf->Line(30,145,180,145);
    $pdf->Line(105,35,105,250);
    $pdf->SetLineWidth(0);
    $pdf->SetFont('Arial','B',11);
    $pdf->SetTextAlign(251,252,253);
    $pdf->Ln();
    $pdf->Ln();
    $pdf->Ln();
    $pdf->Cell(20,6,"",0,0);
    $pdf->Cell(70,6,'SLEDAI',0,0,'L',1);
    $pdf->Cell(10,6,"",0,0);
    $pdf->Cell(70,6,'ECLAM',0,0,'L',1);
    $pdf->Ln();
    $pdf->Ln();
    $pdf->SetFont('Arial','',9);

```



```

</div>
<div class="leftmenu">
    <div class="padding"
align="center">
        <?php showIcons();?>
        <br>
        <hr>
        </div>
        <div class="padding">
        <h2>Funtionalities</h2>
        <div class="nav">
        <?php
showMenu($_SESSION["empty"]); ?>
        </div>
        </div>
        </div></div>
        <br />&nbsp;   <br />
        <div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
</div>
</body>
</html>

```

ajax-setSchedule.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');

    $sked = $_GET['sked'];
    $skednotes = $_GET['skednotes'];
    $patientid = $_COOKIE["patientid"];
    $recno = $_COOKIE["recno"];
    $timestamp= date("Y-m-d H:i:s");
    $empname = $_SESSION["empname"];

    if(empty($sked)){
        echo "ERROR: Please input the check-up
date and time.";
    }
    else{
        $patient = mysql_query("INSERT INTO
SKED
                                (SKED_PID,
SKED_RECNO, SKED_PHY, SCHEDULE,SKED_NOTES)
VALUES('$patientid','$recno','$empname','$sked','$skednotes'
)") or die(mysql_error());

        if($patient){
            echo "You have successfully
scheduled patient# $patientid for a check-up on $sked.";
        }
    }
?>

```

summaries.php

```

<?php
    session_start();
    require'config.php';
    include("../Includes/FusionCharts.php");
    include("../Includes/DBConn.php");
    connectdatabase('LUCIS');
?>
<html>
<head>

```

```

<title>Lupus Clinic Information System</title>
<style type="text/css" media="all">@import
"images/style-edited.css";</style>
<link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
<link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
<script type="text/javascript"
src="css/anylinkvertical.js"></script>
<SCRIPT LANGUAGE="JavaScript"
SRC="../../FusionCharts/FusionCharts.js"></SCRIPT>
</head>
<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script type="text/javascript"
src="css/jsfunctions.js"></script> <!--JAVASCRIPT
FUNCTIONS IN HERE-->
<script language="JavaScript" type="text/javascript">
function createRequestObject() {
    var req;
    if(window.XMLHttpRequest){// Firefox, Safari, Opera...
        req = new XMLHttpRequest();
    } else if(window.ActiveXObject) { // Internet Explorer 5+
        req = new ActiveXObject("Microsoft.XMLHTTP");
    } else { // There is an error creating the object,
        // just as an old browser is being used.
        alert('Problem creating the XMLHttpRequest object');
    }
    return req;
}
var http = createRequestObject();
function searchNow() {
    var mode="search";
    var includemode = "";
    if(document.parentform.includeall.checked){
        includemode=
document.parentform.includeall.value;//if set, include all
databases. else, include only local database
    }
    var hgb = document.getElementById('hgb').value;
    var wbc = document.getElementById('wbc').value;
    var plt = document.getElementById('plt').value;
    var esr = document.getElementById('esr').value;
    var alb = document.getElementById('alb').value;
    var uwbc =
document.getElementById('uwbc').value;
    var rbc = document.getElementById('rbc').value;
    var casts =
document.getElementById('casts').value;
    var crt = document.getElementById('crt').value;
    var c3 = document.getElementById('c3').value;
    var acr = document.getElementById('acr').value;
    var pman =
document.getElementById('pman').value;
    http.open('get', 'ajaxsummaries.php?
&mode='+mode+'&hgb='+hgb+'&wbc='+wbc+'&plt='+plt+
'&esr='+esr+'&alb='+alb+'&uwbc='+uwbc+'&rbc'+
'+rbc+'&casts='+casts+'&crt='+crt+'&c3='+c3+'&acr='+acr
+'&pman='+pman+'&includemode='+includemode);
    http.onreadystatechange = handlesearchNow;
    http.send(null);
}
function setInclude() {
    var mode="some";
    if(document.parentform.includeall.checked){

```

```

        mode =
document.parentform.includeall.value;
    }
    http.open('get', 'ajax-summaries.php?
&mode='+mode);
    http.onreadystatechange = handlesearchReq;
    http.send(null);
}

function handlesearchReq() {
if(http.readyState == 4 && http.status == 200){
var response = http.responseText;
    if((response.lastIndexOf("ERROR:")<0){//correct
        var chart1 = new
FusionCharts("../FusionCharts/Pie2D.swf", "chart1Id", "260",
"270", "0", "1");
        chart1.setDataURL("data.xml");
        chart1.render("bysex");

        var chart2 = new
FusionCharts("../FusionCharts/Column2D.swf", "chart2Id",
"360", "270", "0", "1");
        chart2.setDataURL("dataage.xml");
        chart2.render("byage");
    }
} else{//ERROR
}
}
}

function handlesearchNow() {
if(http.readyState == 4 && http.status == 200){
    var response = http.responseText;

document.getElementById("searchresults").innerHTML =
response;
}
}

function reloadPage()
{
window.location.reload()
}

function openNew(pid) {
    document.cookie = "pid="+pid+";";
    newwindow = window.open('view2.php','_self');
}

</script>

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
    <script language="JavaScript">
        alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
        window.open('index.php',
'_self');
    </script>
<?php
}
?>
<div class="content">
    <div id="toph"></div>
    <div id="header">
        <div class="rside">
            <div class="citation">
                <h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
                <?php echo
$_SESSION['clinicname']; ?></div>
            </div>
            <div class="lside"></div>
        </div>
    <div id="main">

```

```

        <div class="center">
            <h2>Generate
Summaries</h2>
            <form name="parentform"
method="get" action="#" enctype="multipart/form-data">
                <input type="checkbox"
id='includeall' value='all' onchange="setInclude()"> include
all data from other clinics' database

                <br><br>
                <div id=results>
                    <script
language="JavaScript" type="text/javascript">
                        setInclude();
                    </script>
                </div>
                <table width=90%>
                    <tr><th width=40%
>No. of Lupus Patients<br>(by sex)</th><td
width=20%></td><th width=40%>No. of Lupus Patients (by
age)</th></tr>
                    <tr> <td
width=40%><div id=bysex>&nbsp;</div></td><td
width=20%></td><td width=40%><div
id=byage>&nbsp;</div></td></tr>
                </table>

                <br><br>
                <div class='boxedup'>
                    <div id=searchresults

class=success></div>

                    <b>Search

parameters</b><br><br>

                    <table width=90%>
                        <tr><td
width=8%>Hgb</td><td> <input type=text id='hgb'
size=10></td>

                        <td width=8%>WBC </td><td><input type=text
id='wbc' size=10></td>

                        <td width=8%>Plt </td><td><input type=text
id='plt' size=10></td>

                        </tr>

                        <tr><td>ESR</td><td> <input type=text id='esr'
size=10></td>

                        <td>alb</td><td> <input type=text id='alb'
size=10></td>

                        <td>wbc</td><td> <input type=text id='uwbc'
size=10></td>

                        </tr>

                        <tr><td>rbc</td><td> <input type=text id='rbc'
size=10></td>

                        <td>Casts</td><td> <input type=text id='casts'
size=10></td>

                        <td>Cr</td><td> <input type=text id='cr'
size=10></td>

                        </tr>

                        <tr><td>C3</td><td colspan=5><input
type=text id='c3' size=10></td></tr>

                        <tr><td
colspan=2>ACR Criteria</td><td colspan=4><input
type=text id='acr' size=48></td></tr>

                        <tr><td
colspan=2>Presenting manifestations</td>

                        <td colspan=4><input type=text id='pman'
size=48></td></tr>
                    </table>
                </div>
            </div>

```

```

        align=right><input type=button value="Search"
onclick="searchNow()"></div>
        </div>
    </form>
    </div>
    <div class="leftmenu">
        <div class="padding"
            <?php showIcons();?>
            <br>
            <hr>
        </div>
        <div class="padding">
            <h2>Functionalities</h2>
            <div class="nav">
                <?php
showMenu($_SESSION["empty"]); ?>
            </div>
        </div>
        </div>
        <br />&nbsp;   <br />
        <div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
    </div>
</body>
</html>

```

ajax-summaries.php

```

<?php
session_start();
require'config.php';
connectdatabase('LUCIS');
include("../Includes/FusionCharts.php");
include("../Includes/DBConn.php");

$mode= $_GET['mode'];

if($mode=='all'){//select from local and imported
database
    $female=0; $male=0;
    $result = mysql_query("select count(*),
sex from patient group by sex");
    $result2 = mysql_query("select count(*),
imp_sex from importlupusdata group by imp_sex");
    $strXML="<chart caption='No. of Lupus
Patients (all databases)' subCaption='by sex' showValues='1'
showPercentInToolTip='1'>";
    while ($rownum =
mysql_fetch_array($result, MYSQL_NUM)) {
        if($rownum[1]=='female')
    $female+=$rownum[0];
        else $male+=$rownum[0];
    }
    while ($rownum2 =
mysql_fetch_array($result2, MYSQL_NUM)) {
        if($rownum2[1]=='female')
    $female+=$rownum2[0];
        else $male+=$rownum2[0];
    }
    $strXML .= "<set label='female'
value='' . $female . '' />";
    $strXML .= "<set label='male' value='' .
$male . '' />";
    $strXML .= "</chart>";
    //write these to data.xml
    $myFile = "data.xml";

```

```

    open file");
    $fh = fopen($myFile, 'w') or die("can't
fwrite($fh, $strXML);
fclose($fh);
//////////by age
$ten20=0;
$twenty30=0;
$thirty40=0;
$forty50=0;
$fifty60=0;
$sixty70=0;
$seventy80=0;
$eighty90=0;
$ninety=0;
$ageres = mysql_query("select
BIRTHDATE FROM PATIENT group by PATIENTID");
MYSQL_NUM)) {
    while ($row = mysql_fetch_array($ageres,
        $birthyear = substr($row[0], 0,
4);
        $curryear = date("Y");
        $diff = $curryear-$birthyear;
        //echo $diff;
        if($diff>10 and $diff<=20)
            $ten20++;
        else if($diff>20 and $diff<=30)
            $twenty30++;
        else if($diff>30 and $diff<=40)
            $thirty40++;
        else if($diff>40 and $diff<=50)
            $forty50++;
        else if($diff>50 and $diff<=60)
            $fifty60++;
        else if($diff>60 and $diff<=70)
            $sixty70++;
        else if($diff>70 and $diff<=80)
            $seventy80++;
        else if($diff>80 and $diff<=90)
            $eighty90++;
        else if($diff>90) $ninety++;
    }
    mysql_free_result($ageres);

    $ageimp = mysql_query("select
DATEOFBIRTH FROM IMPORTLUPUSDATA GROUP BY IMP_PID");
    while ($row =
mysql_fetch_array($ageimp, MYSQL_NUM)) {
        $birthyear = substr($row[0],
-4);
        $curryear = date("Y");
        $diff = $curryear-$birthyear;
        if($diff>10 and $diff<=20)
            $ten20++;
        else if($diff>20 and $diff<=30)
            $twenty30++;
        else if($diff>30 and $diff<=40)
            $thirty40++;
        else if($diff>40 and $diff<=50)
            $forty50++;
        else if($diff>50 and $diff<=60)
            $fifty60++;
        else if($diff>60 and $diff<=70)
            $sixty70++;
        else if($diff>70 and $diff<=80)
            $seventy80++;
        else if($diff>80 and $diff<=90)
            $eighty90++;
        else if($diff>90) $ninety++;
    }
    mysql_free_result($ageimp);

    $strXML="<chart labelDisplay='ROTATE'
slantLabels='1' chartLeftMargin='2' chartRightMargin='2'
caption='No. of Lupus Patients' xAxisName='Age range'
yAxisName='No. of patients' subCaption='by age'
showValues='1' showPercentInToolTip='1' >";
    $strXML .= "<set label='10-20' value='' .
$ten20 . '' />";

```

```

$twenty30 . "" />;
$thirty40 . "" />;
$forty50 . "" />;
$fifty60 . "" />;
$sixty70 . "" />;
$seventy80 . "" />;
$eighty90 . "" />;
value="" . $ninety . "" />;
$strXML .= "<set label='20-30' value="" .
$strXML .= "<set label='30-40' value="" .
$strXML .= "<set label='40-50' value="" .
$strXML .= "<set label='50-60' value="" .
$strXML .= "<set label='60-70' value="" .
$strXML .= "<set label='70-80' value="" .
$strXML .= "<set label='80-90' value="" .
$strXML .= "<set label='90 above'
$strXML .= "</chart>";
$myFile = "dataage.xml";
$fh = fopen($myFile, 'w') or die("can't
open file");
fwrite($fh, $strXML);
fclose($fh);
}

if($mode=='some'){//select only from local
database
//////////by sex
$result = mysql_query("select count(*),
sex from patient group by sex");
$strXML="<chart chartRightMargin=\2\2"
caption='No. of Lupus Patients' subCaption='by sex'
showValues='1' showPercentInToolTip='1' >";
while ($rownum =
mysql_fetch_array($result, MYSQL_NUM)) {
$gender=$rownum[1];
$count=$rownum[0];
$strXML .= "<set label="" .
$gender . "" value="" . $count . "" />";
}
$strXML .= "</chart>";
$myFile = "data.xml";
$fh = fopen($myFile, 'w') or die("can't
open file");
fwrite($fh, $strXML);
fclose($fh);
$strXML="";
//////////by age
$ten20=0;
$twenty30=0;
$thirty40=0;
$forty50=0;
$fifty60=0;
$sixty70=0;
$seventy80=0;
$eighty90=0;
$ninety=0;
$ageres = mysql_query("select
BIRTHDATE FROM PATIENT GROUP BY PATIENTID");
while ($row = mysql_fetch_array($ageres,
MYSQL_NUM)) {
4);
$birthyear = substr($row[0], 0,
$curryear = date("Y");
$diff = $curryear-$birthyear;
if($diff>10 and $diff<=20)
$ten20++;
else if($diff>20 and $diff<=30)
$twenty30++;
else if($diff>30 and $diff<=40)
$thirty40++;
else if($diff>40 and $diff<=50)
$forty50++;
else if($diff>50 and $diff<=60)
$fifty60++;
else if($diff>60 and $diff<=70)
$sixty70++;
else if($diff>70 and $diff<=80)
$seventy80++;
else if($diff>80 and $diff<=90)
$eighty90++;
else if($diff>90) $ninety++;
}
mysql_free_result($ageres);
$strXML="<chart labelDisplay='ROTATE'
slantLabels='1' chartRightMargin='\2\2" caption='No. of Lupus
Patients' xAxisName='Age range' yAxisName='No. of patients'
subCaption='by age' showValues='1'
showPercentInToolTip='1' >";
$strXML .= "<set label='10-20' value="" .
$ten20 . "" />";
$strXML .= "<set label='20-30' value="" .
$twenty30 . "" />";
$strXML .= "<set label='30-40' value="" .
$thirty40 . "" />";
$strXML .= "<set label='40-50' value="" .
$forty50 . "" />";
$strXML .= "<set label='50-60' value="" .
$fifty60 . "" />";
$strXML .= "<set label='60-70' value="" .
$sixty70 . "" />";
$strXML .= "<set label='70-80' value="" .
$seventy80 . "" />";
$strXML .= "<set label='80-90' value="" .
$eighty90 . "" />";
$strXML .= "<set label='90 above'
value="" . $ninety . "" />";
$strXML .= "</chart>";
$myFile = "dataage.xml";
$fh = fopen($myFile, 'w') or die("can't
open file");
fwrite($fh, $strXML);
fclose($fh);
}

if($mode=='search'){
$hgb= $_GET['hgb'];
$wbc= $_GET['wbc'];
$plt= $_GET['plt'];
$esr= $_GET['esr'];
$alb= $_GET['alb'];
$uwbc= $_GET['uwbc'];
$rbc= $_GET['rbc'];
$casts= $_GET['casts'];
$crt= $_GET['crt'];
$c3= $_GET['c3'];
$acr= $_GET['acr'];
$pman= $_GET['pman'];

if(empty($hgb) and empty($wbc) and
empty($plt) and empty($esr) and empty($alb)
and empty($uwbc) and empty($rbc) and
empty($casts) and empty($crt) and empty($c3)
and empty($acr)and empty($pman)){
echo "<b>Nothing to query.
Please fill-out at least one search parameter.";
}
else{
$i = 0;
$temp = "";
$initq = "SELECT COUNT(*)
FROM LUPUSDATA where (";
if (!empty($hgb)){
if(empty($temp)){
$temp .=
"HGB= '$hgb' ";
$i++;
}
else $temp .= "AND
HGB= '$hgb' ";
}
if (!empty($wbc)){
if(empty($temp)){
$temp .=
"WBC= '$wbc' ";
$i++;

```



```

$temp2 .= "IMP_ESR= '$esr' ";
$i++;
}
else $temp2
.= "AND IMP_ESR= '$esr' ";
}
if (!empty($alb)){
if(empty($temp2)){
$temp2 .= "IMP_ALB= '$alb' ";
$i++;
}
else $temp2
.= "AND IMP_ALB= '$alb' ";
}
if (!empty($uwbc)){
if(empty($temp2)){
$temp2 .= "IMP_UWBC= '$uwbc' ";
$i++;
}
else $temp2
.= "AND IMP_UWBC= '$uwbc' ";
}
if (!empty($rbc)){
if(empty($temp2)){
$temp2 .= "IMP_RBC= '$rbc' ";
$i++;
}
else $temp2
.= "AND IMP_RBC= '$rbc' ";
}
if (!empty($casts)){
if(empty($temp2)){
$temp2 .= "IMP_CASTS= '$casts' ";
$i++;
}
else $temp2
.= "AND IMP_CASTS= '$casts' ";
}
if (!empty($crt)){
if(empty($temp2)){
$temp2 .= "IMP_CRT= '$crt' ";
$i++;
}
else $temp2
.= "AND IMP_CRT= '$crt' ";
}
if (!empty($c3)){
if(empty($temp2)){
$temp2 .= "IMP_C3= '$c3' ";
$i++;
}
else $temp2
.= "AND IMP_C3= '$c3' ";
}
if (!empty($acr)){
if(empty($temp2)){
$temp2 .= "IMP_ACR like '%$acr%' ";

```

```

$i++;
}
else $temp2
.= "AND IMP_ACR like '%$acr%' ";
}
if (!empty($pman)){
if(empty($temp2)){
$temp2 .= "IMP_MAN like '%$pman%' ";
$i++;
}
else $temp2
.= "AND IMP_MAN like '%$pman%' ";
}
}
$searchquery2=
$initq2.$temp2.$last2;
$res =
mysql_query($searchquery2);
while ($row =
mysql_fetch_array($res, MYSQL_NUM)) {
$searchresult+=$row[0];
}
mysql_free_result($res);
$outof =
mysql_query('SELECT COUNT(*) FROM IMPORTLUPUSDATA');
while ($rowout =
mysql_fetch_array($outof, MYSQL_NUM)) {
$totalrec+=$rowout[0];
}
mysql_free_result($outof);
}
//print final results
echo "<b>$searchresult out of
$totalrec record(s) matched your
query.</b><br><br><i>Query:
$searchquery<br>$searchquery2</i>";
}
} //end of search
?>

```

viewSked.php

```

<?php
session_start();
require'config.php';
connectdatabase('LUCIS');
?>
<html>
<head>
<title>Lupus Clinic Information System</title>
<style type="text/css" media="all">@import
"images/style-edited.css";</style>
<link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
<link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
<script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>
<SCRIPT LANGUAGE="JavaScript">
function openChild(file,window) {
var left = Math.floor((screen.availWidth -
400) / 2);
var top = Math.floor((screen.availHeight -
340) / 2);

```



```

        var currdate =
document.getElementById('span1').value;
        var nextdate =
document.getElementById('span2').value;
        http.open('get', 'ajax-viewSked.php?
&type=week&currdate='+currdate+'&nextdate='+nextdate);
        http.onreadystatechange = handlesearchReq;
        http.send(null);
    }

function handlesearchReq() {
if(http.readyState == 4 && http.status == 200){
var response = http.responseText;
        if((response.lastIndexOf("ERROR:"))<0){//correct

document.getElementById("results").innerHTML = response;
        }
else{//ERROR
// Update ajaxTest content

document.getElementById("displayerror").innerHTML =
response;
        }
        }
}

function reloadPage(){
window.location.reload()
}

function viewPat(pid, recno){
        newwindow = window.open('patientrecord.php?
&patientid='+pid+'&recno='+recno);
        }

</script>

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
        <script language="JavaScript">
alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
        window.open('index.php',
'_self');
        </script>
<?php
?>
<div class="content">
        <div id="toph"></div>
        <div id="header">
                <div class="rside">
                        <div class="citation">
                                <h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
                                <?php echo
$_SESSION['clinicname']; ?></div>
                                </div>
                                <div class="lside"></div>
                        </div>
                        <div id="main">
                                <div class="center">
                                        <h2>View check-up and lupus
meeting schedules</h2><br>
                                        <div id='search' class='select'
align=left>
                                                <form action="#"
id="form1" method="post">
                                                        See schedule for the
<div id='displayerror'
class='error'></div>
                                                        <table
cellspacing=10>

```

```

                                <?>
                                <input type=hidden
id=currdate value='<?echo $currdate;?>'>
                                <input type=hidden
id=currweek value='<?echo $currweek;?>'>
                                <input type=hidden
id=currmon value='<?echo $currmon;?>'>
                                <tr><td><input
type=radio id='sked' name='sked' value='day'
onfocus="setDiv('day');"> day</td>
                                <td><input
type=radio id='sked' name='sked' value='week'
onfocus="setDiv('week');"> week</td>
                                <td><input
type=radio id='sked' name='sked' value='month'
onfocus="setDiv('month');"> month</td></tr>
                                </table>
                                <div
id='selectboxes'></div>
                                </form>
                                </div><br><br>
                                <div id='results'
align=left></div>
                                <br><br>
                                </div>
                                <div class="leftmenu">
                                <div class="padding">
                                <?php showIcons();?>
                                <br>
                                <hr>
                                </div>
                                <div class="padding">
                                <h2>Funtionalities</h2>
                                <div class="nav">
                                <?php
showMenu($_SESSION["emptytype"]); ?>
                                </div>
                                </div>
                                <!--<div id='notice'
class='boxads4'></div-->
                                </div>
                                <br />&nbsp;<br />
                                <div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
                                </div>
                                </body>
                                </html>

```

ajax-viewSked.php

```

<?php
session_start();
require'config.php';
connectdatabase('LUCIS');
$type=$_GET['type'];

```

```

$empname= $_SESSION['empname'];
if($type=="day"){
    $currdate=$_GET['currdate'];
    $curr = strtotime($currdate);
    $currentdate = date('M d, Y', $curr);

    $day = mysql_query("SELECT * FROM
SKED WHERE SCHEDULE like '$currdate%' and
SKED_PHY='$empname' ORDER BY SCHEDULE");
    if((mysql_num_rows($day) > 0) ) {
        $cnt=1;
        echo "<table width=90%
frame=box cellspacing=5 ><CAPTION><strong>Schedule for
$currentdate </strong></CAPTION>".
            "<tr
bgcolor=#3399ff align=center><td><font color=#ffffff
size=2><b>Time</td><td><font color=#ffffff
size=2><b>Patient Name</td><td><font color=#ffffff
size=2><b>Appointment details</td></tr>";
        while ($row =
mysql_fetch_array($day, MYSQL_NUM)) {
            if($cnt%2==0){
                echo "<tr
bgcolor='#F2F2F2'>";
            }
            else{
                echo
            }
            $pat =
mysql_query("SELECT PATLNAME, PATFNAME, PATMNAME
FROM PATIENT WHERE PATIENTID='$row[0]'");
            while ($name =
mysql_fetch_array($pat, MYSQL_NUM)) {
                $patientname = $name[0].", ".$name[1].". ".
substr($name[2],0,1).". ";
                echo "<td
align=center>".substr($row[3],11)."</td><td><a
href='\\javascript: viewPat('$row[0]','$row[1]');\> $row[0]
$patientname </a></td><td>$row[4]</td></tr>";
                ++$cnt;
            }
            echo "</table>";
        }
        echo"You have no scheduled
appointment/s on $currentdate.";
    }
}
else if($type=="week"){
    $currdate=$_GET['currdate'];
    $nextdate=$_GET['nextdate'];
    $curr = strtotime($currdate);
    $next = strtotime($nextdate);
    $currentdate = date('M d, Y', $curr);
    $nextweekdate = date('M d, Y', $next);

    $week = mysql_query("SELECT * FROM
SKED WHERE SKED_PHY='$empname' AND SCHEDULE
BETWEEN '$currdate%' AND '$nextdate%' ORDER BY
SCHEDULE");
    if((mysql_num_rows($week) > 0) ) {
        $cnt=1;
        echo "<table width=90%
frame=box cellspacing=5 ><CAPTION><strong>Schedule
from $currentdate to $nextweekdate</strong></CAPTION>".
            "<tr
bgcolor=#3399ff align=center><td width=20%><font
color=#ffffff size=2><b>Time</td><td width=30%><font
color=#ffffff size=2><b>Patient Name</td><td
width=40%><font color=#ffffff size=2><b>Appointment
details</td></tr>";
        while ($row =
mysql_fetch_array($week, MYSQL_NUM)) {
            if($cnt%2==0){
                echo "<tr
bgcolor='#F2F2F2'>";
            }
            else{
                echo
            }
            $pat =
mysql_query("SELECT PATLNAME, PATFNAME, PATMNAME
FROM PATIENT WHERE PATIENTID='$row[0]'");
            while ($name =
mysql_fetch_array($pat, MYSQL_NUM)) {
                $patientname = $name[0].", ".$name[1].". ".
substr($name[2],0,1).". ";
                echo "<td
align=left>".date('M d D ', $printsched).".
.substr($row[3],11)."</td><td><a href='\\javascript:
viewPat('$row[0]','$row[1]');\> $row[0] $patientname
</a></td><td>$row[4]</td></tr>";
                ++$cnt;
            }
            echo "</table>";
        }
        echo"You have no scheduled
appointment/s from $currentdate to $nextweekdate.";
    }
}
}
else if($type=="month"){
    $currdate=$_GET['currdate'];
    // $curr = strtotime($currdate);
    $mon = substr($currdate,5);
    $year= substr($currdate,0,4);

    if($mon=='01') $submon="January";
    else if($mon=='02')
        $submon="February";
    else if($mon=='03') $submon="March";
    else if($mon=='04') $submon="April";
    else if($mon=='05') $submon="May";
    else if($mon=='06') $submon="June";
    else if($mon=='07') $submon="July";
    else if($mon=='08') $submon="August";
    else if($mon=='09')
        $submon="September";
    else if($mon=='10') $submon="October";
    else if($mon=='11')
        $submon="November";
    else if($mon=='12')
        $submon="December";

    $printme= $submon." ".$year;

    $month = mysql_query("SELECT * FROM
SKED WHERE SKED_PHY='$empname' AND SCHEDULE like
'$currdate%' ORDER BY SCHEDULE");
    if((mysql_num_rows($month) > 0) ) {
        $cnt=1;
        echo "<table width=90%
frame=box cellspacing=5 ><CAPTION><strong>Schedule for
$printme</strong></CAPTION>".
            "<tr
bgcolor=#3399ff align=center><td width=20%><font
color=#ffffff size=2><b>Time</td><td width=30%><font
color=#ffffff size=2><b>Patient Name</td><td
width=40%><font color=#ffffff size=2><b>Appointment
details</td></tr>";
        while ($row =
mysql_fetch_array($month, MYSQL_NUM)) {
            if($cnt%2==0){
                echo "<tr
bgcolor='#F2F2F2'>";
            }
            else{
                echo
            }
            $pat =
mysql_query("SELECT PATLNAME, PATFNAME, PATMNAME
FROM PATIENT WHERE PATIENTID='$row[0]'");
            while ($name =
mysql_fetch_array($pat, MYSQL_NUM)) {
                $patientname = $name[0].", ".$name[1].". ".
substr($name[2],0,1).". ";
                echo "<td
align=left>".date('M d D ', $printsched).".
.substr($row[3],11)."</td><td><a href='\\javascript:
viewPat('$row[0]','$row[1]');\> $row[0] $patientname
</a></td><td>$row[4]</td></tr>";
                ++$cnt;
            }
            echo "</table>";
        }
        echo"You have no scheduled
appointment/s from $currentdate to $nextweekdate.";
    }
}
}
}
}
}

```



```

    "&
    nbsp;<img src='images/calendar.jpg' width='20' height='20'
    border='0' alt='Pick a date'></a>"+
    "&
    nbsp;&nbsp;&nbsp;&nbsp;<input type='button'
    onclick='javascript:searchWeek()' value='View'>";
    //alert (formatDate(weekEndDate)
    +"---"+formatDate(weekStartDate));
    http.open('get', 'ajax-
    viewSkedCLKSAD.php?type=week&currdate=' +
    formatDate(weekStartDate) + '&nextdate=' +
    formatDate(weekEndDate));
    http.onreadystatechange =
    handlesearchReq;
    http.send(null);
    }
    else{//month
    var currentTime = new Date();
    var month = currentTime.getMonth()+1;
    var year = currentTime.getFullYear();
    if(month<10) month="0"+month;
    var currdate = year+"-"+month;

    document.getElementById("selectboxes").innerHTML="";//clea
    r out first

    http.open('get', 'ajax-
    viewSkedCLKSAD.php?type=month&currdate='+currdate);
    http.onreadystatechange =
    handlesearchReq;
    http.send(null);
    }
    }

    function createRequestObject() {
    var req;
    if(window.XMLHttpRequest){// Firefox, Safari, Opera...
    req = new XMLHttpRequest();
    } else if(window.ActiveXObject) {// Internet Explorer 5+
    req = new ActiveXObject("Microsoft.XMLHTTP");
    } else {// There is an error creating the object,
    // just as an old browser is being used.
    alert('Problem creating the XMLHttpRequest object');
    }
    return req;
    }

    var http = createRequestObject();

    function searchDay() {
    var currdate =
    document.getElementById('span1').value;
    http.open('get', 'ajax-viewSkedCLKSAD.php?
    &type=day&currdate='+currdate);
    http.onreadystatechange = handlesearchReq;
    http.send(null);
    }

    function searchWeek() {
    var currdate =
    document.getElementById('span1').value;
    var nextdate =
    document.getElementById('span2').value;
    http.open('get', 'ajax-viewSkedCLKSAD.php?
    &type=week&currdate='+currdate+'&nextdate='+nextdate);
    http.onreadystatechange = handlesearchReq;
    http.send(null);
    }

    function handlesearchReq() {
    if(http.readyState == 4 && http.status == 200){
    var response = http.responseText;
    if((response.lastIndexOf("ERROR:"))<0){//correct
    document.getElementById("results").innerHTML = response;

```

```

    }
    else{//ERROR
    // Update ajaxTest content

    document.getElementById("displayerror").innerHTML =
    response;
    }
    }
    }

    function reloadPage(){
    window.location.reload()
    }

    function viewPat(pid, recno){
    newwindow = window.open('patientrecord.php?
    &patientid='+pid+'&recno='+recno);
    }

</script>

<?php
if (empty($_SESSION['username'])) {//USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
    <script language="JavaScript">
    alert("UNAUTHORIZED ACCESS.
    You will be redirected to the log in page.");
    window.open('index.php',
    '_self');
    </script>
<?php
}
?>
<div class="content">
    <div id="toph"></div>
    <div id="header">
        <div class="rside">
            <div class="citation">
                <h2>LUPUS CLINIC
                INFORMATION SYSTEM</h2>
                <?php echo
                $_SESSION['clinicname']; ?></div>
            </div>
            <div class="lside"></div>
        </div>
        <div id="main">
            <div class="center">
                <h2>View check-up and lupus
                meeting schedules</h2><br>
                <div id='search' class='select2'
                align=left>
                    <form action="#"
                    id="form1" method="post">
                        See schedule for the
                        <div id='displayerror'
                        class='error'></div>
                        <table
                        cellspacing=10>
                            <?php $currdate=
                            date("Y-m-d");
                            $currweek= date("Y-
                            m-d" , strtotime("+7 days", strtotime($currdate)));
                            $currmon = date("Y-
                            m");
                            //echo $currdate.
                            $currweek. $currmon;
                            ?>
                            <input type=hidden
                            id=currdate value='<?echo $currdate;?>'>
                            <input type=hidden
                            id=currweek value='<?echo $currweek;?>'>
                            <input type=hidden
                            id=currmon value='<?echo $currmon;?>'>
                            <tr><td><input
                            type=radio id='sked' name='sked' value='day'
                            onfocus="setDiv('day');"> day</td>

```

```

        <td><input
type=radio id='sked' name='sked' value='week'
onfocus="setDiv('week');"> week</td>
        <td><input
type=radio id='sked' name='sked' value='month'
onfocus="setDiv('month');"> month</td></tr>
</table>
</div>
id='selectboxes'></div>
</form>
</div><br><br>
<div id='results'
align=left></div>
<br><br>
</div>
<div class="leftmenu">
align="center">
<div class="padding"
<?php showIcons();?>
<br>
<hr>
</div>
<div class="padding">
<h2>Funtionalities</h2>
<div class="nav">
<?php
showMenu($_SESSION["emptype"]); ?>
</div>
</div>
<!--<div id='notice'
class='boxads4'></div-->
</div>
</div>
<br />&nbsp;<br />
<div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
</div>
</body>
</html>

```

ajax-viewSkedCLKSAD.php

```

<?php
session_start();
require 'config.php';
connectdatabase('LUCIS');

$type=$_GET['type'];

$empname= $_SESSION['empname'];
if($type=="day"){
    $currdate=$_GET['currdate'];
    $curr = strtotime($currdate);
    $currentdate = date('M d, Y', $curr);

    $day = mysql_query("SELECT * FROM
SKED WHERE SCHEDULE like '$currdate%' ORDER BY
SCHEDULE");
    if((mysql_num_rows($day) > 0)) {
        $cnt=1;
        echo "<table width=90%
frame=box cellspacing=5 ><CAPTION><strong>Schedule for
$currentdate </strong></CAPTION>".
        "<tr
bgcolor=#ffcc00 align=center><td width=10%><font
color=#ffffff size=2><b>Time</td><td width=20%><font
color=#ffffff size=2><b>Patient Name</td><td
width=30%><font color=#ffffff size=2><b>Appointment
details</td>

```

```

        <td width=20%><font color=#ffffff size=2><b>Attending
Physician</td></tr>";
        while ($row =
mysql_fetch_array($day, MYSQL_NUM)) {
            if($cnt%2==0){
                echo "<tr
bgcolor='#ffcc00'>";
            }
            else{
                echo
"<tr>";
            }
            $pat =
mysql_query("SELECT PATLNAME, PATFNAME, PATMNAME
FROM PATIENT WHERE PATIENTID='$row[0]'");
            while ($name =
mysql_fetch_array($pat, MYSQL_NUM)) {
                $patientname = $name[0].", ".$name[1]. " ".
substr($name[2],0,1).". ";
            }
            echo "<td
align=center>".substr($row[3],11)."</td><td><a
href='\"javascript: viewPat('$row[0]','$row[1]');'>
$patientname
</a></td><td>$row[4]</td><td>$row[2]</td></tr>";
            ++$cnt;
        }
        echo "</table>";
    }
    else{
        echo"You have no scheduled
appointment/s on $currentdate.";
    }
}
else if($type=="week"){
    $currdate=$_GET['currdate'];
    $nextdate=$_GET['nextdate'];
    $curr = strtotime($currdate);
    $next = strtotime($nextdate);
    $currentdate = date('M d, Y', $curr);
    $nextweekdate = date('M d, Y', $next);

    $week = mysql_query("SELECT * FROM
SKED WHERE SCHEDULE BETWEEN '$currdate%' AND
'$nextdate%' ORDER BY SCHEDULE");
    if((mysql_num_rows($week) > 0)) {
        $cnt=1;
        echo "<table width=90%
frame=box cellspacing=5 ><CAPTION><strong>Schedule
from $currentdate to $nextweekdate</strong></CAPTION>".
        "<tr
bgcolor=#ffcc00 align=center><td width=20%><font
color=#ffffff size=2><b>Time</td><td width=20%><font
color=#ffffff size=2><b>Patient Name</td><td
width=30%><font color=#ffffff size=2><b>Appointment
details</td><td width=20%><font color=#ffffff
size=2><b>Attending Physician</td></tr>";
        while ($row =
mysql_fetch_array($week, MYSQL_NUM)) {
            if($cnt%2==0){
                echo "<tr
bgcolor='#FFFFCC'>";
            }
            else{
                echo
"<tr>";
            }
            $pat =
mysql_query("SELECT PATLNAME, PATFNAME, PATMNAME
FROM PATIENT WHERE PATIENTID='$row[0]'");
            while ($name =
mysql_fetch_array($pat, MYSQL_NUM)) {
                $patientname = $name[0].", ".$name[1]. " ".
substr($name[2],0,1).". ";
            }

```



```

        $printske =
strtotime($row[3]);
        echo "<td
align=center>".date('M d D ', $printske).
".substr($row[3],11)."</td><td><a href=\"javascript:
viewPat('$row[0]','$row[1]');\"> $patientname
</a></td><td>$row[4]</td><td>$row[2]</td></tr>";
        ++$cnt;
    }
    echo "</table>";
}
else{
    echo"You have no scheduled
appointment/s from $currentdate to $nextweekdate.";
}
}
else if($type=="month"){
    $currdate=$ _GET['currdate'];
    //$curr = strtotime($currdate);
    $mon = substr($currdate,5);
    $year= substr($currdate,0,4);

    if($mon=='01') $submon="January";
    else if($mon=='02')
$submon="February";
    else if($mon=='03') $submon="March";
    else if($mon=='04') $submon="April";
    else if($mon=='05') $submon="May";
    else if($mon=='06') $submon="June";
    else if($mon=='07') $submon="July";
    else if($mon=='08') $submon="August";
    else if($mon=='09')
$submon="September";
    else if($mon=='10') $submon="October";
    else if($mon=='11')
$submon="November";
    else if($mon=='12')
$submon="December";

    $printme = $submon." ".$year;

    $month = mysql_query("SELECT * FROM
SKED WHERE SCHEDULE like '$currdate%' ORDER BY
SCHEDULE");
    if((mysql_num_rows($month) > 0)) {
        $cnt=1;
        echo "<table width=90%
frame=box cellspacing=5 ><CAPTION><strong>Schedule for
$printme</strong></CAPTION>".
        "<tr
bgcolor=#FFCC00 align=center><td width=20%><font
color=#ffffff size=2><b>Time</td><td width=20%><font
color=#ffffff size=2><b>Patient Name</td><td
width=30%><font color=#ffffff size=2><b>Appointment
details</td><td width=20%><font color=#ffffff
size=2><b>Attending Physician</td></tr>";
        while ($row =
mysql_fetch_array($month, MYSQL_NUM)) {
            if($cnt%2==0){
                echo "<tr
bgcolor=#FFFFCC>";
            }
            else{
                echo
                "<tr>";
                $pat =
mysql_query("SELECT PATLNAME, PATFNAME, PATMNAME
FROM PATIENT WHERE PATIENTID='$row[0]'");
                while ($name =
mysql_fetch_array($pat, MYSQL_NUM)) {
                    $patientname = $name[0].". ".$name[1].". " .
substr($name[2],0,1).". ";
                }
                $printske =
strtotime($row[3]);
                echo "<td
align=center>".date('M d D ', $printske).

```

```

".substr($row[3],11)."</td><td><a href=\"javascript:
viewPat('$row[0]','$row[1]');\"> $patientname
</a></td><td>$row[4]</td><td>$row[2]</td></tr>";
        ++$cnt;
    }
    echo "</table>";
}
else{
    echo"You have no scheduled
appointment/s for $printme.";
}
}
?>

```

---SYS AD FUNCTIONALITIES---

audit.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');
?>

<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
"images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
    <script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>

<SCRIPT LANGUAGE="JavaScript">
    function openChild(file,window) {
        var left = Math.floor((screen.availWidth -
400) / 2);
        var top = Math.floor((screen.availHeight -
340) / 2);
        childWindow=open(file,window,'resizable=yes,width=400,hei
ght=340,left='+left+',top='+top);
        if (childWindow.opener == null) childWindow.opener
= self;
    }
</SCRIPT>

<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script language="javascript" type="text/javascript"
src="css/datetimerpicker.js"></script><!--CALENDAR MAKER
HERE-->
<script language="JavaScript" type="text/javascript">

function formatDate(date) {
    var year = date.getFullYear();
    var mymonth = date.getMonth()+1;
    var myweekday = date.getDate();
    if(myweekday<10) myweekday="0"+myweekday;
    if(mymonth<10) mymonth="0"+mymonth;
    return (year+"-"+mymonth + "-" + myweekday);
}

function setDiv(span) {
    if (span=="week"){
        var now = new Date();
        var nowDayOfWeek = now.getDay();
        var nowDay = now.getDate();
        var nowMonth = now.getMonth();
        var nowYear = now.getYear();
        nowYear += (nowYear < 2000) ? 1900 : 0;
    }
}

```



```

the
class='error'></div>
cellspacing=10>
date("Y-m-d");
m-d" , strtotime("+7 days", strtotime($currdate));
m");
$currweek. $currmon;
id=currdate value='<?echo $currdate;?>'>
id=currweek value='<?echo $currweek;?>'>
id=currmon value='<?echo $currmon;?>'>
type=radio id='sked' name='sked' value='week'
onfocus="setDiv('week');"> week</td>
type=radio id='sked' name='sked' value='month'
onfocus="setDiv('month');"> month</td></tr>
id='selectboxes'></div>
align=left></div>
</div>
<div class="leftmenu">
align="center">
showMenu($_SESSION["empty"]); ?>
class='boxads4'></div>-->
</div>
<br />&nbsp;<br />
<div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
</div>
</body>
</html>

```

ajax-audit.php

```

<?php
session_start();
require'config.php';
connectdatabase('LUCIS');

$type=$_GET['type'];

```

```

See transactions for
<div id='displayerror'
<table
<? $currdate=
$currweek= date("Y-
m-d" , strtotime("+7 days", strtotime($currdate));
$currmon = date("Y-
m");
//echo $currdate.
?>
<input type=hidden
id=currdate value='<?echo $currdate;?>'>
<input type=hidden
id=currweek value='<?echo $currweek;?>'>
<input type=hidden
id=currmon value='<?echo $currmon;?>'>

```

```

<td><input
type=radio id='sked' name='sked' value='week'
onfocus="setDiv('week');"> week</td>
<td><input
type=radio id='sked' name='sked' value='month'
onfocus="setDiv('month');"> month</td></tr>
</table>
<div
</form>
</div><br><br>
<div id='results'
<br><br>
</div>
<div class="padding"
<?php showIcons();?>
<br>
<hr>
</div>
<div class="padding">
<h2>Functionalities</h2>
<div class="nav">
<?php

```

```

showMenu($_SESSION["empty"]); ?>
</div>
</div>
<!--<div id='notice'
</div>
</div>
<br />&nbsp;<br />
<div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
</div>
</body>
</html>

```

```

if($type=="week"){
$currdate=$_GET['currdate'];
$nextdate=$_GET['nextdate'];
$curr = strtotime($currdate);
$next = strtotime($nextdate);
$currentdate = date('M d, Y', $curr);
$nextweekdate = date('M d, Y', $next);

$week = mysql_query("SELECT * FROM
AUDIT WHERE AUDITSTAMP BETWEEN '$currdate%' AND
'$nextdate%' ORDER BY AUDITSTAMP");
if((mysql_num_rows($week) > 0)) {
$cnt=1;
echo "<table width=90%
frame=box cellspacing=5 ><CAPTION><strong>Transactions
from $currentdate to $nextweekdate</strong></CAPTION>".
"<tr
bgcolor=#FFCC00 align=center><td><font color=#ffffff
size=2><b>Time</td><td><font color=#ffffff
size=2><b>Medical Record No.</td>".
" <td><font
color=#ffffff size=2><b>Details</td><td><font
color=#ffffff size=2><b>By</td></tr>";
while ($row =
mysql_fetch_array($week, MYSQL_NUM)) {
if($cnt%2==0){
echo "<tr
bgcolor='#FFFFCC'>";
}
else{
echo
" <tr>";
}
$pat =
mysql_query("SELECT EMPNAME FROM USERS WHERE
USERNAME='$row[0]'");
if((mysql_num_rows($pat) > 0)) {
while
($name = mysql_fetch_array($pat, MYSQL_NUM)) {
$employeeName = $name[0];
}
else $employeeName
= $row[0];
$printsKed =
strtotime($row[3]);
$pnum=
substr($row[1],0,10);
echo "<td
align=center>".date('M d D ', $printsKed).
".substr($row[3],11)."</td><td><a href='\"javascript:
viewPat('$pnum','$row[1]');\"> $row[1]
</a></td><td>$row[2]</td><td>$employeeName</td></tr
>";
++$cnt;
}
echo "</table>";
}
else{
echo"There were no recorded
transactions from $currentdate to $nextweekdate.";
}
}
else if($type=="month"){
$currdate=$_GET['currdate'];
//$curr = strtotime($currdate);
$mon = substr($currdate,5);
$year= substr($currdate,0,4);

if($mon=='01') $submon="January";
else if($mon=='02')
$submon="February";
else if($mon=='03') $submon="March";
else if($mon=='04') $submon="April";
else if($mon=='05') $submon="May";

```

```

else if($mon=='06') $submon="June";
else if($mon=='07') $submon="July";
else if($mon=='08') $submon="August";
else if($mon=='09')
$submon="September";
else if($mon=='10') $submon="October";
else if($mon=='11')
$submon="November";
else if($mon=='12')
$submon="December";

$printme = $submon." ".$year;

$month = mysql_query("SELECT * FROM
AUDIT WHERE AUDITSTAMP like '%currdate%' ORDER BY
AUDITSTAMP");
if((mysql_num_rows($month) > 0)) {
    $cnt=1;
    echo "<table width=90%
frame=box cellspacing=5 ><CAPTION><strong>Transactions
for $printme</strong></CAPTION>";
        "<tr
bgcolor=#FFCC00 align=center><td><font color=#ffffff
size=2><b>Time</td><td><font color=#ffffff
size=2><b>Medical Record No.</td>".
        "<td><font
color=#ffffff size=2><b>Details</td><td><font
color=#ffffff size=2><b>By</td></tr>";
        while ($row =
mysql_fetch_array($month, MYSQL_NUM)) {
            if($cnt%2==0){
                echo "<tr
bgcolor='#FFFFCC'>";
                    }
                    else{
                        echo
"<tr>";
                            }
                            $pat =
mysql_query("SELECT EMPNAME FROM USERS WHERE
USERNAME='$row[0]'");
                                if((mysql_num_rows($pat) > 0)) {
                                    while
($name = mysql_fetch_array($pat, MYSQL_NUM)) {
                                        $employee = $name[0];
                                            }
                                            else $employee =
= $row[0];
                                                $printsked =
strtotime($row[3]);
                                                    $pnum=
substr($row[1],0,10);
                                                        echo "<td
align=center>".date('M d D ', $printsked)."
".substr($row[3],11)."</td><td><a href=\\"javascript:
viewPat('$pnum','$row[1]');\">$row[1]
</a></td><td>$row[2]</td><td>$employee</td></tr
>";
                                                            ++$cnt;
                                                                }
                                                                echo "</table>";
                                                                    }
                                                                    else{
                                                                        echo"There were no recorded
transactions for $printme.";
                                                                            }
                                                                            }
}
?>

```

import.php

```

<?php
    session_start();

```

```

require'config.php';
connectdatabase('LUCIS');
?>

<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
"images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
    <script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>

<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script language="javascript" type="text/javascript"
src="css/datetimesticker.js"></script><!--CALENDAR MAKER
HERE-->
<script language="JavaScript" type="text/javascript">
<!--

function createRequestObject() {
var req;
if(window.XMLHttpRequest) { // Firefox, Safari, Opera...
req = new XMLHttpRequest();
} else if(window.ActiveXObject) { // Internet Explorer 5+
req = new ActiveXObject("Microsoft.XMLHTTP");
} else {
alert('Problem creating the XMLHttpRequest object');
}
return req;
}

var http = createRequestObject();

function sendRequest() {
var filename = document.getElementById('uploaded').value;
if(filename==""){
    alert("Please select a file.");
}
else{
    var queryString = "?&file=" + filename;

    document.getElementById("result").innerHTML =
"<img
src='images/loading.gif'><br><br>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;Plea
se wait... PHP/MySQL is currently loading the contents of the
excel file.";
http.open('get', 'ajax-import.php?' + queryString);
http.onreadystatechange = handleResponse;
http.send(null);
}
}

function handleResponse() {
if(http.readyState == 4 && http.status == 200){
var response = http.responseText;
document.getElementById("result").innerHTML =
"";
document.getElementById("result").innerHTML = response;
}
}

</script>

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
    <script language="JavaScript">
        alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
    </script>

```

```

' _self');
                                window.open('index.php',
</script>
<?php
}
?>
<div class="content">
    <div id="toph"></div>
    <div id="header">
        <div class="rside">
            <div class="citation">
                <h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
            <?php echo
$_SESSION['clinicname']; ?></div>
            </div>
            <div class="lside"></div>
        </div>
        <div id="main">
            <div class="center">
                <h2>Import
                LuCIS allows you to import
                LuCIS database from other clinics to facilitate further research
                studies about Lupus.
                <br><br>
                <div id='search' class='select2'
align=left>
                <div id='displayerror'
class='error'></div>
                <form
enctype="multipart/form-data" action="" method="POST">
                    Import database:
                    <input id="uploaded" name="uploaded" type="file"
/><br/><br/>
                    <div
align=right><input type="button" id="import"
value="Import" onClick="sendRequest();" /></div>
                </form>
                </form>
                </div><br><br>
                <div id='result'
class=success></div>
                <br><br>
            </div>
            <div class="leftmenu">
                <div class="padding"
align="center">
                    <?php showIcons();?>
                    <br>
                    <hr>
                    </div>
                    <div class="padding">
                        <h2>Funtionalities</h2>
                    <div class="nav">
                        <?php
showMenu($_SESSION["emptytype"]); ?>
                    </div>
                    </div>
                </div>
                <div id="footer">Copyright &copy; 2008 | by
                Therese Rosario A. Marcelo - UP Manila | Design: David
                Herreman </div>
            </div>
        </body>
    </html>

```

ajax-import.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LuCIS');

    $username = $_SESSION["username"];

    $filename = $_GET['file'];

    require_once 'Excel/reader.php';
    $data = new Spreadsheet_Excel_Reader();
    $data->setOutputEncoding('CP1251');
    $data->read($filename);
    error_reporting(E_ALL ^ E_NOTICE);

    $clinname1= $data->sheets[0]['cells'][1][1];
    $clinname= str_replace("Clinic name:", "",
    $clinname1);
    $clincode1= $data->sheets[0]['cells'][2][1];
    $clincode= str_replace("Clinic code:", "",
    $clincode1);
    $clinadd1= $data->sheets[0]['cells'][3][1];
    $clinadd= str_replace("Clinic address:", "",
    $clinadd1);
    $clincontact1= $data->sheets[0]['cells'][4][1];
    $clincontact= str_replace("Clinic Contact
no.:", "", $clincontact1);
    $reporttime1= $data->sheets[0]['cells'][5][1];
    $reporttime= str_replace("Report
generated on", "", $reporttime1);

    $checkclinic= mysql_query("SELECT * FROM
IMPORTCLINIC WHERE IMP_CODE='$clincode'");
    if((mysql_num_rows($checkclinic) == 0)) {
        $importclinic = mysql_query("INSERT
INTO IMPORTCLINIC
                                (IMP_NAME,IMP_CODE,
IMP_ADD, IMP_CONTACT, IMP_TIMESTAMP)
VALUES('$clinname', '$clincode', '$clinadd', '$clincontact', '$repo
rttime')") or die(mysql_error());
    }
    else{
        echo "<BR>ERROR: Import not allowed!
There is already an existing database import from
$clinname.<BR><BR>";
    }

    if($importclinic){//continue importing
        for ($i = 8; $i <= $data->sheets[0]
['numRows']; $i++) {
            $id = $data->sheets[0]['cells']
[$i][1]; //patient id
            $sex = $data->sheets[0]['cells']
[$i][2]; //sex
            $age = $data->sheets[0]['cells']
[$i][3]; //age at lupus diagnosis
            $diagdate = $data->sheets[0]
['cells'][$i][4]; //date of lupus diagnosis
            $acr = $data->sheets[0]['cells']
[$i][5]; //acr criteria for lupus diagnosis
            $hgb = $data->sheets[0]['cells']
[$i][6]; //hgb
            $wbc = $data->sheets[0]
['cells'][$i][7]; //wbc
            $plt = $data->sheets[0]['cells']
[$i][8]; //plt
            $esr = $data->sheets[0]['cells']
[$i][9]; //esr
            $alb = $data->sheets[0]['cells']
[$i][10]; //albumin
            $uwbc = $data->sheets[0]
['cells'][$i][11]; //urine wbc
            $rbc = $data->sheets[0]['cells']
[$i][12]; //rbc
            $casts = $data->sheets[0]
['cells'][$i][13]; //casts

```

```

    $crt = $data->sheets[0]['cells']
[$i][14]; //creatinine
    $c3 = $data->sheets[0]['cells']
[$i][15]; //c3
    $lupusman = $data->sheets[0]
['cells'][$i][16]; //lupus manifestations

    $import = mysql_query("INSERT
INTO IMPORTLUPUSDATA
                                (IMP_PID,
IMP_SEX, DIAGNOSISAGE, DATEOFBIRTH, IMP_ACR, IMP_HGB,
                                IMP_WBC,
IMP_PLT, IMP_ESR, IMP_ALB, IMP_UWBC, IMP_RBC, IMP_CASTS,
                                IMP_CRT,
IMP_C3, IMP_MAN)
VALUES('$id','$sex','$age','$diagdate','$acr','$hgb','$wbc',
'$
plt','$esr','$alb','$uwbc','$rbc','$casts','$crt',
'$
c3','$lupusman')");
    }
//AUDIT TRAIL
    $timestamp= date("Y-m-d H:i:s");
    $audittrail = mysql_query("INSERT INTO
AUDIT
                                (AUDITUSERID, AUDITRECNO, AUDITDETAILS,
AUDITSTAMP)
VALUES('$username','-', 'Imported LuCIS database
of $clinname.', '$timestamp')");

    echo "<br><b><i>You have successfully
imported the contents of $filename.</i></b><BR><BR>";
    echo "<b><u>Imported LuCIS database
information</u></b><br>";
    echo $clinname1."<br>";
    echo $clincode1."<br>";
    echo $clinadd1."<br>";
    echo $clincontact1."<br>";
    echo $reporttime1."<br><br>";
    }
?>

```

manageacct.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');
?>

<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
"images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
    <script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>

<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script language="JavaScript" type="text/javascript">
function createRequestObject() {
var req;
if(window.XMLHttpRequest){// Firefox, Safari, Opera...
req = new XMLHttpRequest();
} else if(window.ActiveXObject) {// Internet Explorer 5+
req = new ActiveXObject("Microsoft.XMLHTTP");

```

```

} else {
alert('Problem creating the XMLHttpRequest object');
}
return req;
}

var http = createRequestObject();

function showUser(uname){
document.getElementById("displayerror").innerHTML = "";
http.open('get', 'ajax-manageacct.php?
&mode=showacct&username='+uname);
http.onreadystatechange = handlesearchReq;
http.send(null);
}

function editMe(uname){
document.getElementById("displayerror").innerHTML = "";
http.open('get', 'ajax-manageacct.php?
&mode=edit&username='+uname);
http.onreadystatechange = handlesearchReq;
http.send(null);
}

function saveChanges(uname){
var mes="";
var empno= document.getElementById('eno').value;
if(empno=="") mes+="

```

```

        http.onreadystatechange =
handlesearchReq; http.send(null);
    }
}

function saveNewUser(uname){
    var mes="";
    var empno= document.getElementById('eno').value;
if(empno=="") mes+="

```

```

        document.getElementById("userprofile").innerHTML
= response;
    }
}

function handlePriv() {
if(http.readyState == 4 && http.status == 200){
    var response = http.responseText;

    document.getElementById("userprofile").innerHTML
= response;
}
}

function resetPwd(){
    document.getElementById("pass").innerHTML = "";
    document.getElementById("pass").innerHTML
="<input type=password id='pwd' size=20>"+
"<input type=hidden id='pwdchanged'
value='true'>";
}

function seePriv(){
    var div =
document.getElementById("userprofile").innerHTML;
if((div.lastIndexOf("Functionalities"))>0){

        document.getElementById("userprofile").innerHTML
="";
    }
    else {
        http.open('get', 'ajax-manageacct.php?
&mode=seePriv');
        http.onreadystatechange = handlePriv;
        http.send(null);
    }
}

function reloadPage() {
window.location.reload()
}

function openNew(pid) {
    document.cookie = "pid="+pid+";";
    newwindow = window.open('view2.php', '_self');
}
</script>

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
    <script language="JavaScript">
        alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
        window.open('index.php',
'_self');
    </script>
<?php
}
?>
<div class="content">
    <div id="toph"></div>
    <div id="header">
        <div class="rside">
            <div class="citation">
                <h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
                <?php echo
$_SESSION['clinicname']; ?></div>
            </div>
            <div class="lside"></div>
        </div>
    <div id="main">
        <div class="center">

```

```

        <h2>Manage User
Accounts</h2><div><a href="javascript:seePriv()">See user
type privileges</a></div><br>
        <div id=resp
class='boxads4'></div>
        <div id='useracct' align=left
class="useracct">
        <form action="#"
name="formone" method="post">
        <table
align=left cellspacing=5 width=90% frame=box>
        <tr align=center bgcolor=#FFCC00><th>NAME OF
USER</th><th>POSITION</th><th>USER
TYPE</th><th>STATUS</th></tr>
        <?
        $qry_result1 = mysql_query("SELECT * from
USERS");
        $cnt=0;
        while ($row =
mysql_fetch_array($qry_result1, MYSQL_NUM)) {
            $empname=$row[3];
            $empno=$row[2];
            $empcontact=$row[4];
            $empstatus=$row[5];
            $emppos=$row[6];
            $usertype=$row[7];
            if($usertype=="PHY")
$usertype="Physician";
            else
if($usertype=="CLK") $usertype="Clerk";
            else
if($usertype=="SAD") $usertype="System Administrator";
            $username=$row[0];
            if($cnt%2==0) echo "<tr>";
            else echo "<tr
bgcolor=#FFFFCC>";
            echo "<td><a
href='javascript:showUser(\"$username\")'>$empname</a><
/td><td>$emppos</td><td>$usertype</td><td>$empstatu
s</td></tr>";
            $cnt++;
        }
        mysql_free_result($qry_result1);
        </table>
        </form>
        <br><div><br><br><br><br><input
type='button' value="Add New User" id="adduser"
onClick="addUser();"></div>
        </div><br><br>
        <table width=100%><tr
align=center><td>
        <div id='displayerror'
class='error'></div>
        <div id='userprofile'
align='center' class='userdetails'
></div></td></tr></table>
        <br><br>
        </div>
        <div class="leftmenu">
        <div class="padding"
align="center">
        <?php showIcons();?>
        <br>
        <hr>
        </div>
        <div class="padding">
        <h2>Funtionalities</h2>
        <div class="nav">
        <?php
showMenu($_SESSION["empty"]); ?>

```

```

        </div>
        </div>
        <!--<div id='notice'
class='boxads4'></div>-->
        </div>
        <br />&nbsp;<br />
        <div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
</div>
</body>
</html>
ajax-manageacct.php
<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');
    $mode=$_GET['mode'];
    if($mode=="showacct"){ //output a div that
contains the user profile
        $username= $_GET['username'];
        $qry_result1 = mysql_query("SELECT *
from USERS where USERNAME='$username'");
        echo "<form name='form1'><h2>User
Profile</h2>";
        echo "<table width=100%
cellspacing=10>";
        while ($row =
mysql_fetch_array($qry_result1, MYSQL_NUM)) {
            $empname=$row[3];
            $empno=$row[2];
            $empcontact=$row[4];
            $empstatus=$row[5];
            $emppos=$row[6];
            $usertype=$row[7];
            echo "<tr><th align=right
width=30%>Employee No</th><td
width=40%>$empno</td><td rowspan=4 width=30%><img
src='images/icons/users.jpg' width=100
height=100></td></tr>";
            echo "<tr><th
align=right>Name</th><td>$empname</td></tr>";
            echo "<tr><th
align=right>Contact No</th><td>$empcontact</td></tr>";
            echo "<tr><th
align=right>Position</th><td>$emppos</td></tr>";
            echo "<tr><th
align=right>Type of
User</th><td>$usertype</td><td><input type=button
value='Edit account'
onClick='\"editMe('$username')'></td></tr>";
            echo "<tr><th
align=right>Status</th><td>$empstatus</td><td>&nbsp;<td>&nbsp;</td></tr>";
        }
        echo "</table></form>";
    }
}
    if($mode=="edit"){ //output a div that contains the
EDITABLE user profile
        $username= $_GET['username'];
        $qry_result1 = mysql_query("SELECT *
from USERS where USERNAME='$username'");
        echo "<form name='form1'><h2>Edit
User Account</h2>";
        echo "<i>Note: items marked with <font
color=#FF0000>*</font> are required fields.</i>";
        echo "<table width=100%
cellspacing=10>";

```



```

while ($row =
mysql_fetch_array($qry_result1, MYSQL_NUM)) {
    $uname=$row[0];
    // $pwd=$row[1];
    $empname=$row[3];
    $empno=$row[2];
    $empcontact=$row[4];
    $empstatus=$row[5];
    $emppos=$row[6];
    $usertype=$row[7];
    echo"<tr><th align=right
width=30%>Employee No*</th><td width=40%><input
type=text id='eno' value='$empno'></td><td rowspan=4
width=30%><img src='images/icons/users.jpg' width=100
height=100></td></tr>";
    echo"<tr><th
align=right>Name*</th><td><input type=text id='ename'
value='$empname'></td></tr>";
    echo"<tr><th
align=right>Contact No</th><td><input type=text
id='econtact' value='$empcontact'></td></tr>";
    echo"<tr><th
align=right>Position*</th><td><input type=text id='epos'
value='$emppos'></td></tr>";
    echo"<tr><th
align=right>Username</th><td>$uname</td></tr>";
    //echo "<tr><th
align=right>Password</th><td colspan=2><div
id=pass><input type=text readonly=true value='$pwd'
size=20>
        //<input type=hidden
id='pwdchanged' value='false'><input type=button
value='Reset Pwd' onclick='resetPwd()'></div></td></tr>";
    //echo "<tr><th
align=right></th><td colspan=2>Password is MD5
encrypted</td></tr>";
    echo"<tr><th
align=right>Type of
User</th><td>$usertype</td><td>&nbsp;</td></tr>";
    if($empstatus=='A')
        echo"<tr><th
align=right>Status</th><td><input type=radio
name='\stat\" value='A' checked>Active<br><input
type=radio name='\stat\" value='I' >Inactive</td>";
    else
        echo"<tr><th
align=right>Status</th><td><input type=radio
name='\stat\" value='A' >Active<br><input type=radio
name='\stat\" value='I' checked>Inactive</td>";
    echo "&td><input type=button
value='Save Changes'
onClick='\saveChanges('$username')\">
        <input type=button
value='Cancel'
onClick='\showUser('$username')\"></td></tr>";
    }
    echo "</table></form>";
}

if($mode=="save"){
    $username= $_GET['username'];
    $empno= $_GET['empno'];
    $empname= $_GET['empname'];
    $empcontact= $_GET['empcontact'];
    $emppos= $_GET['emppos'];
    $status= $_GET['status'];
    if($status=="I"){
        $checksad=
mysql_query("SELECT * from USERS WHERE
USERNAME='$username' and USERTYPE='SAD'");
        if(mysql_num_rows($checksad)
== 1) {
            echo "ERROR: You
cannot disable $empname. There is only one System Admin. ";
        }
        else{
            $savechanges =

```

```

EMPNO='$empno',
EMPNAME='$empname', EMPCONTACT='$empcontact',
STATUS='$status', POSITION='$emppos'
WHERE
USERNAME='$username');
        if($savechanges) echo
"You have successfully updated the user account settings of
$empname.";
        else echo "ERROR:
Your transaction cannot be processed at the moment.";
    }
    else{
        $savechanges =
mysql_query("UPDATE USERS SET
EMPNO='$empno',
EMPNAME='$empname', EMPCONTACT='$empcontact',
STATUS='$status', POSITION='$emppos'
WHERE
USERNAME='$username');
        if($savechanges) echo
"You have successfully updated the user account settings of
$empname.";
        else echo "ERROR:
Your transaction cannot be processed at the moment.";
    }
}

if($mode=="savepwd"){
    $username= $_GET['username'];
    $empcontact= $_GET['empcontact'];
    $pwd= $_GET['pwd'];
    $savechanges = mysql_query("UPDATE
USERS SET PASSWORD=md5('$pwd'),
EMPCONTACT='$empcontact'
WHERE USERNAME='$username');
    if($savechanges){
        echo "<h2>You have
successfully updated the your user account settings.</h2>";
        echo "<table width=100%
cellspacing=10>";
        $qry_result1 =
mysql_query("SELECT * from USERS where
USERNAME='$username');
        while ($row =
mysql_fetch_array($qry_result1, MYSQL_NUM)) {
            $empname=$row[3];
            $empno=$row[2];
            $empcontact=$row[4];
            $empstatus=$row[5];
            $emppos=$row[6];
            $usertype=$row[7];
            echo"<tr><th
align=right width=30%>Employee No</th><td
width=40%>$empno</td><td rowspan=4 width=30%><img
src='images/icons/users.jpg' width=100
height=100></td></tr>";
            echo"<tr><th
align=right>Name</th><td>$empname</td></tr>";
            echo"<tr><th
align=right>Contact No</th><td>$empcontact</td></tr>";
            echo"<tr><th
align=right>Position</th><td>$emppos</td></tr>";
            echo"<tr><th
align=right>Type of User</th><td>$usertype</td></tr>";
            echo"<tr><th
align=right>Status</th><td>$empstatus</td><td>&nbsp;<td></tr>";
        }
        echo "</table>";
    }
    else echo "ERROR: Your transaction
cannot be processed at the moment.";
}
}

```

```

        if($mode=="savecontact"){
            $username= $_GET['username'];
            $empcontact= $_GET['empcontact'];

            $savechanges = mysql_query("UPDATE
USERS SET EMPCONTACT='$empcontact' WHERE
USERNAME='$username'");
            if($savechanges){
                echo "<h2>You have
successfully updated the your user account settings.</h2>";
                echo "<table width=100%
cellspacing=10>";
                $qry_result1 =
mysql_query("SELECT * from USERS where
USERNAME='$username'");
                while ($row =
mysql_fetch_array($qry_result1, MYSQL_NUM)) {
                    $empname=$row[3];
                    $empno=$row[2];

                    $empcontact=$row[4];
                    $empstatus=$row[5];
                    $emppos=$row[6];
                    $usertype=$row[7];
                    echo "<tr><th
align=right width=30%>Employee No</th><td
width=40%>$empno</td><td rowspan=4 width=30%><img
src='images/icons/users.jpg' width=100
height=100></td></tr>";
                    echo "<tr><th
align=right>Name</th><td>$empname</td></tr>";
                    echo "<tr><th
align=right>Contact No</th><td>$empcontact</td></tr>";
                    echo "<tr><th
align=right>Position</th><td>$emppos</td></tr>";
                    echo "<tr><th
align=right>Type of User</th><td>$usertype</td></tr>";
                    echo "<tr><th
align=right>Status</th><td>$empstatus</td><td>&nbsp;</td></tr>";
                }
                echo "</table>";
            }
            else echo "ERROR: Your transaction
cannot be processed at the moment.";
        }

        if($mode=="add"){ //output a div that contains the
EDITABLE user profile
            echo "<form name='form1'><h2>Add
New User</h2>";
            echo "<i>Note: items marked with <font
color=#FF0000>*</font> are required fields.</i>";
            echo "<table width=100%
cellspacing=10>";
            echo "<tr><th align=right
width=30%>Employee No*</th><td width=40%><input
type=text id='eno'></td><td rowspan=3 width=30%><img
src='images/icons/users.jpg' width=100
height=100></td></tr>";
            echo "<tr><th
align=right>Name*</th><td><input type=text
id='ename'></td></tr>";
            echo "<tr><th align=right>Contact
No</th><td><input type=text id='econtact' ></td></tr>";
            echo "<tr><th
align=right>Position*</th><td><input type=text id='epos'
></td></tr>";
            echo "<tr><th align=right>Type of
User*</th><td><select id=usertype>
<option
value='PHY'>Physician</option>
<option
value='CLK'>Clerk</option>
                <option value='SAD'>System
Admin</option></select></td>
            </tr>";
            echo "<tr><th
align=right>Username*</th><td><input type=text
id='username' ></td><td rowspan=3 align=center>
<input type=button
value='Save' onClick='\"saveNewUser()\"><br><br>
<input type=button
value='Cancel' onClick='\"clearMe()\"></td></tr>";
            echo "<tr><th
align=right>Password*</th><td><input type=password
id='pwd' ></td></tr>";
            echo "<tr><td align=right><i>Confirm
password</i>*</td><td><input type=password id='pwd2'
></td></tr>";
            echo "</table></form>";
        }
        if($mode=="saveNew"){
            $empno= $_GET['empno'];
            $empname= $_GET['empname'];
            $empcontact= $_GET['empcontact'];
            $emppos= $_GET['emppos'];
            $usertype= $_GET['usertype'];
            $username= $_GET['username'];
            $pwd= $_GET['pwd'];
            $pwd2= $_GET['pwd2'];

            if($pwd!=$pwd2){
                echo "ERROR: The passwords do
not match. Please check again.";
            }
            else{
                $checkusername=
mysql_query("SELECT * from USERS WHERE
USERNAME='$username'");

                if(mysql_num_rows($checkusername) >= 1) {
                    echo
"ERROR: There is an existing user account that uses the same
username <b>$username</b>.";
                }
                else{
                    $savenewuser =
mysql_query("INSERT INTO USERS (USERNAME, PASSWORD,
EMPNO,
                    EMPNAME,
                    EMPCONTACT, STATUS, POSITION, USERTYPE) VALUES
('$username',md5('$pwd'),$empno',
                    '$empname','$empco
ntact','A','$emppos','$usertype')");

                    if($savenewuser) echo
"You have successfully added a new user account for
$empname.";
                    else echo "ERROR:
Your transaction cannot be processed at the moment.";
                }
            }
        }
        if($mode=="seePriv"){
            ?>
            <form name='form1'><h2>User Type
Functionalities</h2>
            <table width=100%>
            <tr ><th>User
Type</th><th>Functionalities</th></tr>
            <tr><td
align=center>Physician</td><td><ul >
                <li style="list-style-type:
square; padding: 2px; color: #000000;">Add medical
consultation record</li>
                <li style="list-style-type:
square; padding: 2px; color: #000000;">Add lab exam or
disease activity index</li>
                <li style="list-style-type:
square; padding: 2px; color: #000000;">View medical
record</li>
            </ul>
        }
    }

```

```

        <li style="list-style-type:
square; padding: 2px; color: #000000;">Edit and finalize
drafts</li>
        <li style="list-style-type:
square; padding: 2px; color: #000000;">Generate
summaries</li>
        <li style="list-style-type:
square; padding: 2px; color: #000000;">View schedules</li>
    </td>
</tr>
<tr><td
align=center>Clerk</td><td><ul >
    <li style="list-style-type:
square; padding: 2px; color: #000000;">Add medical
consultation record- save it as draft only</li>
    <li style="list-style-type:
square; padding: 2px; color: #000000;">Add lab exam or
disease activity index</li>
    <li style="list-style-type:
square; padding: 2px; color: #000000;">View schedules</li>
</td>
</tr>
<tr><td align=center>System
Administrator</td><td><ul >
    <li style="list-style-type:
square; padding: 2px; color: #000000;">Set LuCIS
settings</li>
    <li style="list-style-type:
square; padding: 2px; color: #000000;">Manage user
accounts</li>
    <li style="list-style-type:
square; padding: 2px; color: #000000;">Edit medical
consultation record</li>
    <li style="list-style-type:
square; padding: 2px; color: #000000;">Import/export
LuCIS</li>
    <li style="list-style-type:
square; padding: 2px; color: #000000;">View audit trail</li>
    <li style="list-style-type:
square; padding: 2px; color: #000000;">View schedules</li>
</td>
</tr>
</table>
</form>
<?
}
?>

```

settings.php

```

<?php
    session_start();
    require 'config.php';
    connectdatabase('LUCIS');
?>

<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
"images/style-edited.css";</style>
    <link rel="alternate" type="application/rss+xml"
title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
href="css/anylinkvertical.css" />
    <script type="text/javascript"
src="css/anylinkvertical.js"></script>
</head>

<SCRIPT LANGUAGE="JavaScript">
    function openChild(file,window) {
        var left = Math.floor((screen.availWidth -
400) / 2);
        var top = Math.floor((screen.availHeight -
340) / 2);

        childWindow=open(file,window,'resizable=yes,width=400,hei
ght=340,left='+left+',top='+top);

```

```

        if (childWindow.opener == null) childWindow.opener
= self;
    }
</SCRIPT>

<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>
<script language="javascript" type="text/javascript"
src="css/datetimepicker.js"></script><!--CALENDAR MAKER
HERE-->
<script language="JavaScript" type="text/javascript">
function createRequestObject() {
    var req;
    if(window.XMLHttpRequest){
        // Firefox, Safari, Opera...
        req = new XMLHttpRequest();
    } else if(window.ActiveXObject) {
        // Internet Explorer 5+
        req = new ActiveXObject("Microsoft.XMLHTTP");
    } else {
        // There is an error creating the object,
        // just as an old browser is being used.
        alert('Problem creating the XMLHttpRequest object');
    }
    return req;
}

var http = createRequestObject();

function saveReq() {
    document.getElementById("displayerror").innerHTML = "";
    var clinname=
document.getElementById('clinname').value;
    var clinadd=
document.getElementById('clinadd').value;
    var clincontact=
document.getElementById('clincontact').value;
    var clinemail=
document.getElementById('clinemail').value;
    var clinmtg=
document.getElementById('clinmtg').value;
    var autofin=
document.getElementById('autofin').value;

    var query = "?&clinname=" + clinname +
"&clinadd=" + clinadd
+ "&clincontact="+clincontact+"&clinemail="
+clinemail+"&clinmtg="+clinmtg+"&autofin="+autofin;
    http.open('get', 'ajax-
settings.php?' + query);
    http.onreadystatechange =
handlesearchReq;
    http.send(null);
}

function handlesearchReq() {
    if(http.readyState == 4 && http.status == 200){
        var response = http.responseText;
        if((response.lastIndexOf("successfully"))>0)
        { //correct

            document.getElementById("displayerror").innerHTML = "";

            document.getElementById("resp").innerHTML = "";

            document.getElementById("resp").innerHTML =
response;
        }
        else { //ERROR
            // Update ajaxTest content

            document.getElementById("resp").innerHTML = "";

```

```

document.getElementById("displayerror").innerHTML = "";

document.getElementById("displayerror").innerHTML =
response;
}
}
}

function reloadPage() {
window.location.reload()
}

function openNew(pid) {
document.cookie = "pid="+pid+";";
newwindow = window.open('view2.php','_self');
}
</script>

<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
<script language="JavaScript">
alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
window.open('index.php',
'_self');
</script>
<?php
}
?>
<div class="content">
<div id="toph"></div>
<div id="header">
<div class="rside">
<div class="citation">
<h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
<?php echo
$_SESSION['clinicname']; ?></div>
</div>
<div class="lside"></div>
</div>
<div id="main">
<div class="center">
<h2>Set LuCIS Settings</h2>
<div id="resp
class='success'></div>
<div id='displayerror'
class='error'></div>
<br><div id='search'
class='settings' align=left>
<i>Note: items marked with
<font color=#FF0000>*</font> are required
fields.</i><br><br>
<?
$qry_result1 = mysql_query("SELECT * from
CLINIC");
if((mysql_num_rows($qry_result1)> 0)) {
while ($row =
mysql_fetch_array($qry_result1, MYSQL_NUM)) {
$clinname=$row[1];
$clinadd=$row[2];
$clincontact=$row[3];
$clinemail=$row[4];
$autofin=$row[5];
}
mysql_free_result($qry_result1);
}
else{
$clinname="";
$clinadd="";
$clincontact="";
$clinemail="";
$autofin="";
}
}

```

```

$likedate= date("Y-m");
$clinmtg="ds";
$lupusmeeting= mysql_query("SELECT * FROM
LUPUSMTG WHERE MEETING LIKE '$likedate%'");
while ($row = mysql_fetch_array($lupusmeeting,
MYSQL_NUM)) {
$clinmtg= $row[0];
}
?>
<form action="#"
id="form1" method="post" ENCTYPE="multipart/form-data">
<table align=center
cellspacing=10>
<tr><td
align=right width=20%><font color=#000000><b>Clinic
name</font><font
color=#FF0000>*</font>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td><td><input
type='text' id='clinname' size=60 value="<?echo
$clinname;?>"> </td></tr>
<tr><td
align=right><font color=#000000><b>Address</font><font
color=#FF0000>*</font>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td><td><input
type='text' id='clinadd' size=60 value="<?echo
$clinadd;?>"></td></tr>
<tr><td
align=right><font color=#000000><b>Contact
no.</font><font
color=#FF0000>*</font>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td><td><input
type='text' id='clincontact' size=60
value="<?echo $clincontact;?>"></td></tr>
<tr><td
align=right><font color=#000000><b>E-mail
address</font>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td><td><input
type='text' id='clinemail' size=60 value="<?echo $clinemail;?
"></td></tr>
<tr><td
align=right><font color=#000000><b>Lupus
meeting</font>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td><td><input
type='text' id='clinmtg' size=20 value="<?echo $clinmtg;?
">>
<a
href="javascript:NewCal('clinmtg','yyyymmdd',true,12,'dropdo
wn',true)"><img src='images/calendar.jpg' width='20'
height='20' border='0' alt='Pick a date'></a></td></tr>
<tr><td>&nbsp;&nbsp;&nbsp;</td><td><i>Note: Text alerts
are automatically sent to lupus patients a day before the lupus
meeting</i></td></tr>
<tr><td
colspan=2><font color=#000000><b>Days allowed for
automatic finalizing of medical consultation
drafts</font><font
color=#FF0000>*</font>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</td></tr>
<SELECT name="autofin" id="autofin">
<?php
echo "<OPTION value=" selected>";
for($i=1; $i<=31; ++$i){
if($i==$autofin) echo "<OPTION
VALUE='<i>$i' selected>$i";
else echo "<OPTION
VALUE='<i>$i'>$i";
}
?>
</SELECT></td></tr>
</table>

```

```

        align=center><input type='button' value="Save Settings"
id="saveSet" onClick="saveReq();"></div>
        </form>
    </div>
    <br><br>
</div>
<div class="leftmenu">
<div class="padding" align="center">
    <?php showIcons();?>
    <br>
    <hr>
</div>
<div class="padding">
<h2>Functionalities</h2>
    <div class="nav">
        <?php
showMenu($_SESSION["empty"]); ?>
    </div>
</div>
<!--<div id='notice'
class='boxads4'></div-->
    </div>
</div>
<br />&nbsp;  <br />
<div id="footer">Copyright &copy; 2008 | by
Therese Rosario A. Marcelo - UP Manila | Design: David
Herreman </div>
</div>
</body>
</html>

```

ajax-settings.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');

    $empty="";

    $clinname=$_GET['clinname']; if(empty($clinname))
    $empty.="<br>clinic name";
    $clinadd=$_GET['clinadd']; if(empty($clinadd))
    $empty.="<br>clinic address";
    $clincontact=$_GET['clincontact'];
    if(empty($clincontact)) $empty.="<br>clinic contact no.";
    $clinemail=$_GET['clinemail'];
    $clinmtg=$_GET['clinmtg'];
    $autofin=$_GET['autofin']; if(empty($autofin))
    $empty.="<br>no. of days allowed for automatic finalizing of
    drafts";
    $likedate= date("Y-m");

    if(!empty($empty)){
        echo "<b>Please fill-out the following
    required fields </b>". $empty ;
    }
    else{
        $result = mysql_query("select * FROM
    CLINIC");
        $num_rows = mysql_num_rows($result);
        if($num_rows==0){
            //$suc = array();
            preg_match_all("/[A-Z]/",
            $clinname, $suc);
            $code=substr($clinname,0,3).date('y');
            else $code=$suc[0].$suc[1].
            $suc[2].date('y');

```

```

        $clinic = mysql_query("INSERT
    INTO CLINIC
        (CLINIC_CODE, CLINIC_NAME, CLINIC_ADDRESS,
    CLINIC_TELEFAX, CLINIC_EMAIL, CLINIC_AUTOFIN)
    VALUES('$code','$clinname','$clinadd','$clincontact','$clinmai
    l','$autofin')") or die(mysql_error());
        $lupusmtg =
    mysql_query("UPDATE LUPUSMTG SET MEETING ='$clinmtg'
    WHERE MEETING LIKE '$likedate%'") or die(mysql_error());

        if($clinic && $lupusmtg){
            echo "You have set
    the LuCIS settings.";
        }
        else{
            echo "ERROR: Your
    transaction cannot be processed.";
        }
    }
    else{
        $clinic = mysql_query("UPDATE
    CLINIC SET
        CLINIC_NAME='$clinname',
    CLINIC_ADDRESS='$clinadd', CLINIC_TELEFAX='$clincontact',
        CLINIC_EMAIL='$clinemail',
    CLINIC_AUTOFIN='$autofin'" ) or die(mysql_error());
        $lupusmtg =
    mysql_query("UPDATE LUPUSMTG SET MEETING ='$clinmtg'
    WHERE MEETING LIKE '$likedate%'") or die(mysql_error());

        if($clinic && $lupusmtg){
            echo "You have
    successfully updated the LuCIS settings.";
        }
        else{
            echo "ERROR: Your
    transaction cannot be processed.";
        }
    }
}
//GET clinic code
}
?>

```

export.php

```

<?php
    session_start();
    require'config.php';
    connectdatabase('LUCIS');

?>

<html>
<head>
    <title>Lupus Clinic Information System</title>
    <style type="text/css" media="all">@import
    "images/style-edited.css"; </style>
    <link rel="alternate" type="application/rss+xml"
    title="RSS 2.0" href="rss/" />
    <link rel="stylesheet" type="text/css"
    href="css/anylinkvertical.css" />
    <script type="text/javascript"
    src="css/anylinkvertical.js"></script>
</head>

<body>
<script type="text/javascript"
src="css/wz_tooltip.js"></script>

```

```
<script language="javascript" type="text/javascript"
src="css/datetimerpicker.js"></script><!--CALENDAR MAKER
HERE-->
```

```
<?php
if (empty($_SESSION['username'])) { //USER NOT LOGGED IN.
UNAUTHORIZED ACCESS
?>
    <script language="JavaScript">
        alert("UNAUTHORIZED ACCESS.
You will be redirected to the log in page.");
        window.open('index.php',
'_self');
    </script>
<?php
}
?>
<div class="content">
    <div id="toph"></div>
    <div id="header">
        <div class="rside">
            <div class="citation">
                <h2>LUPUS CLINIC
INFORMATION SYSTEM</h2>
                <?php echo
$_SESSION['clinicname']; ?></div>
            </div>
            <div class="lside"></div>
        </div>
        <div id="main">
            <div class="center">
                <h2>Export LuCIS</h2><br>
                LuCIS allows you to export
                LuCIS database to facilitate further research studies about
                Lupus.<br>
                LuCIS database will be exported
                as an excel file. <br><br>
                <form
                action="toexcel.php" id="form1" method="post">
                    <input
                    type='submit' value='Export database'>
                </form>
                <br><br>
                <div id='results'
                align=center></div>
                <br><br>
            </div>
            <div class="leftmenu">
                <div class="padding">
                    <?php showIcons();?>
                </div>
                <br>
                <hr>
                </div>
                <div class="padding">
                    <h2>Funtionalities</h2>
                </div>
                <div class="nav">
                    <?php
                    showMenu($_SESSION["empty"]); ?>
                </div>
                </div>
                <!--<div id='notice'
                class='boxads4'></div>-->
            </div>
            <div>
                <br />&nbsp;<br />
                <div id="footer">Copyright &copy; 2008 | by
                Therese Rosario A. Marcelo - UP Manila | Design: David
                Herreman </div>
            </div>
        </body>
</html>
```

toexcel.php

```
<?php
header("Content-Type: application/vnd.ms-excel");
header("Content-Disposition: attachment;
filename=database_dump.xls");
header("Pragma: no-cache");
header("Expires: 0");

$DB_Server = "localhost";
$DB_Username = "root";
$DB_Password = "root";
$DB_DBName = "LuCIS";

$sql = "Select LUPUS_PID AS PATIENT ID, SEX, LUPUSAGE AS
AGE_AT_LUPUS_DIAGNOSIS, BIRTHDATE AS DATE_OF_BIRTH,
ACR AS ACR_CRITERIA, HGB, WBC, PLT,
ESR, ALB, UWBC, RBC, CASTS, CRT, C3, LUPUSMAN
AS LUPUS_MANIFESTATION from LUPUSDATA, PATIENT
WHERE LUPUS_PID=PATIENTID ";

$Use_Title = 1;

$now_date = date('M j, Y h:i A');

$Connect = @mysql_connect($DB_Server, $DB_Username,
$DB_Password);

$Db = @mysql_select_db($DB_DBName, $Connect);

$result = @mysql_query($sql,$Connect);
$sql2 = "Select CLINIC_NAME, CLINIC_ADDRESS,
CLINIC_TELEFAX, CLINIC_CODE FROM CLINIC";
$result2 = @mysql_query($sql2,$Connect);

if($Connect==FALSE || $Db==FALSE || $result==FALSE){
?>
    <script language="JavaScript"
type="text/javascript">
        <!--
            alert("ERROR: Couldn't select database or
execute query.");
            window.open('export.php', '_self');
        //-->
    </script>
<?php
}
else{
    while($row2 = mysql_fetch_row($result2))
    {
        $title = "Clinic name: ".
        $row2[0]."\n".
        "Clinic code:
        ".$row2[3]."\n".
        "Clinic
        address: ".$row2[1]."\n".
        "Clinic
        Contact no.: ".$row2[2]."\n".
        "Report
        generated on $now_date";
    }
    if ($Use_Title == 1)
    {
        echo("$title\n\n");
    }
    $sep = "\t";
    for ($i = 0; $i <
mysql_num_fields($result); $i++)
    {
        echo mysql_field_name($result,
        $i) . "\t";
    }
}
```

```

        print("\n");
        while($row = mysql_fetch_row($result))
        {
            $schema_insert = "";
            for($j=0;
$j<mysql_num_fields($result);$j++)
            {
                if(!isset($row[$j]))

                $schema_insert .= "NULL".$sep;
                elseif ($row[$j] != "")

                $schema_insert .= "$row[$j]".$sep;
                else

                $schema_insert .= "".$sep;
            }
            $schema_insert =
str_replace($sep."$", "", $schema_insert);

            $schema_insert =
preg_replace("/\r\n|\n\r|\n|\r/", " ", $schema_insert);
            $schema_insert .= "\t";
            print(trim($schema_insert));
            print "\n";
        }
    }
?>

```

XI. ACKNOWLEDGEMENT

This is probably the last text that I'll write as a college student. As such, I'd like to take this opportunity to thank all people who have helped me in my four years of stay in college. I may not be able to mention all but I do assure you that your good (and even the not-so-good) deeds are well- remembered ☺

1. To my mommy, daddy, ate and tita elpot, thanks for providing me everything I needed, esp. the laptop, to finish this course. Your non-stop reminders (and bribes) for me to do and finish my SP asap kept me pushing myself to do my SP even when I don't feel like doing it. Also, thanks for supporting my decision of choosing comsci over nursing. Right now, I can't imagine myself being into any other course aside from comsci.
2. To my profs, thanks for inspiring me in ways you never thought you did. Ma'am Sheila & Doc Magboo, salamat po sa mga constructive criticisms and inputs/ suggestions on how I can possibly improve the system. SP was hard but nothing beats the feeling of seeing my own SP's hardbound copy! Sir Solano, thanks for the career advice. Salamat din to Sir Chua, Sir Co, Ma'am Abby, Sir Zamora, Sir Tuano, Ma'am Anna, Sir De Armas, Sir Regaspi, Ma'am Bastero, Sir Li at syempre, Ate Shula and Ate Eden.
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6. To my co-volunteers at RVC, thanks! Though I was the only volunteer from comsci, I didn't feel na iba ako especially when I'm with the company of Steph, Mark, Dora and Judie.

Maraming salamat sa inyong lahat. I did learn a lot from you. I wouldn't make it and be the person I am today if not because of your help.