I.   Introduction

A. Background of the Study

Many people have already been purchasing health cards nowadays. To them, it is one practical way to ensure themselves and their beneficiaries financial assistance when it comes to medical and health matters, especially in times when there is an urgent need for money.

There are already a lot of health cards as of the present. Examples of this are MedServ, IntelliCare, MediCard, and MaxiCare and many others. These health cards are meant to take charge of the holder's hospital bill and medical fees. Each of these health cards offer various sets of services depending on the person's kind of membership. Each health card has its own set of affiliated hospitals and/or clinics where the card holders can go in times of emergencies and each of these hospitals and/or clinics has its own set of affiliated doctors which the card holders can consult without worrying much about professional fee. It's like "charging almost everything on the card". In other words, people purchase health cards to make them worry-free of health expenses.

Currently, some of the health insurance companies have put up their own systems to cater the need for information (about their services) by the people. This is beneficial since online information dissemination would be convenient for most of the people. But with the case of knowing what hospitals will recognize the card one's holding or who are the doctors one can consult freely with the card, not all health card systems offer this kind of information online.

Aside from that, as of now, no such system exists that has a web-based appointment reservation function and at the same time, features a good number of health cards with its respective benefits, affiliated hospitals and clinics and doctors -- all in one domain name.

B. Statement of the Problem

To ensure adequate financial support during times of emergencies and immediate hospitalization, most people have resorted to invest their money in purchasing health cards. With these health cards come health insurance with a number of benefits, most of which are in the financial aspect, that would aid its members depending on the medical assistance they need and their kind of membership.

Currently, there are already a lot of different health cards available. Each health card has its own set of benefits and affiliations. Most of the health card providers have set up their own sites to promote the services and advantages they offer. But as of the present, sites, which include a number of health cards including their affiliations and services, still does not exist. In the absence of a manual, inquiring on what hospitals are affiliated with the health card and who are the doctors whom one can consult without worrying much about professional fee, one still has to call or visit the provider's office. Additionally, no such automated system exists that offers a reservation functionality that would enable users to set a consultation/appointment with affiliated health care professionals online and ahead of time.

C. Objectives of the Study

The objective of this study is to create a web-based health cards manager and appointment reservation system with the following functionalities:

a) allows users to:

    i)   view list of healthcards together with its services offered to cardholders

    ii)   view list of hospitals and clinics with the user's choice of healthcard

    iii)   view list of affiliated doctors with the user's choice of healthcard and hospital or clinic

    iv)   display doctor's schedule in their respective hospitals and clinics

    v)   process online reservation of an available timeslot for consultation/appointment with a doctor (reserve or view available timeslots, cancel reservation).

    vi)   receive SMS notifications (aside from auto-email notifications) for approved/automatically cancelled reservations.

b) system administrator

    i)   update healthcard and its affiliated hospital/clinic/doctor and doctor's schedule

    ii)   update his profile

    iii)   manage reservations (approve pending reservations)

    iv)   view reservations

D. Significance of the Project

The study aims to develop a system which would feature initially, four health cards. It will be a reliable repository and source of information as it would display the range of services the health card offers, its affiliated hospitals and clinics, doctors and their schedules. The system would also entail a reservation functionality in which health card holders can reserve an available timeslot online with the affiliated doctors, for the purpose of appointment/consultation. With regards to setting an appointment, the user will choose from the list of available timeslots which is based on existing reservations and the availability of doctor in the hospital in subject. The card holder has to register to the system to be able to use the reservation functionality. In an event that a reservation is approved or automatically cancelled due to factors considered in approving reservations or updates done by the system administrator, the system will send SMS notifications, aside from auto-email notifications, to the users concerned, so that even if they are not online, they will still know the current status of their reservation.

The proposed system will entail a hassle-free "various-in-one" health cards manager as it would reduce the need for users to collect brochures of different health cards, or call or personally visit the health card providers, in the context of inquiry about health card-hospital/clinic-doctor affiliations.

E. Scope and Limitations

This study will have a health cards manager and online reservation system as final output following the stated conditions below:

a) The system is for inquiry and reservation purposes. It does not support online application of health cards.

b) In the system's reservation functionality, only those reservations made within the duration of 4-14 days before the desired schedule will be allowed. Reservation's status is pending at first until system administrator approves it. It will be on a "first-come-first-serve" basis. Users can wait to at most one day for the approval of their reservations.

c) The reservation functionality is only for users who have successfully registered to the system. Unregistered users' viewing capability is only up to viewing the available timeslots.

d) The system will not support direct communication between the doctor and the user. The system administrator will act as the middle man. In this study, informing the doctor of the reservations will be done on a manual process. Daily automatic data pull to refresh the reservations made on a hospital and a doctor under a certain health card can be considered as one improvement that can be done on the system in future studies. This will require connections to the hospital or health card's database which is not incorporated in the study and is considered as one limitation of the proposed system.

e) Cancellation for approved reservations should be done at least one day before it was scheduled. If remaining time before the scheduled appointment is less than one day, cancellation would already be impossible. Pending reservations can be cancelled anytime.

f) The system will not maintain a database of valid health card identification numbers. In availing the reservation functionality, there will be no verification process to check if user is really a card holder. In lieu of this process, the

system will just asked the user's health card identification number as one of the details of the reservation made.

g)   In deleting a hospital from the database, only those doctors who are exclusively affiliated to the hospital to be removed will be affected by the deletion process. The system administrator will have to re-assign the approved reservations (made on the doctors affected by the deletion process) to a nearby hospital. The factor to be considered in deleting an affiliated doctor is that it must have a "substitute" doctor before its information can be removed from the database.

h)   The system cannot handle multiple reservations set on the same day, same time, same doctor, and same hospital by the same patient -- and other sensible combinations.

F. Assumptions

The assumptions incorporated in this study are:

a)   The overall system administrator is assumed to have contact with all the hospitals to foster easy communication in case updates are needed to be done, especially in sending information regarding reservations made by the users. It is also assumed that the system administrator checks everyday for any pending reservations to be approved.

b)   If all parts of the process are already satisfied, reservation is considered final. All inputs upon submission of reservation details are considered final.

c)   It is assumed that reasons for consultation with the doctor are not based on emergency cases.

d)   It is assumed that the fee covered in sending SMS notifications is already included in the user's monthly premium.

II. Review of Related Literature

In a paper written about reservation management systems for hotels and travel agencies, it was mentioned that online reservation systems provide the most profitable revenue. Capturing online reservations directly from the hotel or agencies' websites is not only the sole purpose of web-based reservation systems. It also enables hotels or agencies to input and modify necessary information about their business at any time and distribute it to all their distribution channels, including their own websites. [1]

Efrat B. in his paper entitled Web Based – Travel Reservation Software said "making multiple searches to find the best deals for the customers is already a thing of the past." He mentioned the relevance of integrating website and online bookings, that there is no longer a need for paper records since data can already be searched and indexed through the computer. Aside from that, he included that putting up online reservation systems can help in expansion once the client base grows. [2]

Tokyu Hotels Online Reservation System is one good example of an online reservation system. The system accepts room reservation requests over the Internet for accommodations provided by Tokyu. It requires users to register for free for online reference. After registering, they can already avail of the reservation functionality and reservations shall be approved when completion of request

procedure is already indicated in the user's Internet browser or when a notification was sent to the user's email address. [3]

"Providing online reservation capability is really about satisfying consumer demand", says Robert Turnbull in the paper Online Reservations: Start of a Leasing Revolution?. This article mentioned that having a reservation functionality would make consumers comfortable with the idea that they are making web-based transactions. In the case of www.propertysolutions.com, they see online reservations as one advance way of advertising since it would give prospective clients listing of live availability of products and "there's no point in them anymore going to visit a community if it doesn't have the units they want available". [4]

www.southwest.com doesn't just offer online bookings for travel purposes. It also includes hotel and car rental reservations. By specifying the city, number of guests, dates, desired amenities, and distance from the airport, online customers can book hotel rooms ahead of time. After required inputs are given, the customer will be asked to choose from list of hotels which will be displayed along with their rates. [5]

The Pelican Hotel Reservation Management System describe online reservations as one good way to be able to come up with a wiser and more effective solution to the hassles of going through paper contracts. Web-based reservation systems can give any registered travel agent/corporate access to the rates and inventory, in real time. Thus, no more phone calls, faxes and email would be needed to confirm customers of the rate changes. Moreover, businesses will no longer worry much about how to keep in touch with travel agents and corporate clients in submitting rates and inventories. [6]

Adriana Jurca, in her study entitled Consumer-Centered Interfaces: Customizing Online Travel Planning, discussed about existing reservation systems in their failure to assist their customers in finding the solution best matching their goals. The study's main purpose is to introduce the context of a consumer-centered design approach in online travel planning. It also suggests that the customer must be involved in the planning process, rather than reducing him to a passive observer. [7]

Wagner, et. al., in their paper, Online Booking on the Net - Problems, Issues and Solutions, talked about the issues in maintaining the tourist information base and presenting the tourist products, which they consider both as, factors constituting prerequisites for online booking. Aside from that, they also included the issues concerning the reservation process. They discussed that the effectiveness of online booking heavily depends on the first factor which is the maintenance of tourist information base. The problems that can be identified with this aspect are decentralized maintenance and legacy systems. Individual presentation of arbitrary products and the computation of fares including the so-called best-buy functionality are the issues being dealt with by the second factor, which is product presentation. And lastly, the issues that concern the reservation process itself are secure payment, actualization of tourist information and long transactions. The paper mentioned that concerning the reservation, severe security problems arise when online payment is included. Updates should also be done accordingly and that appropriate concurrency control and recovery mechanisms should be observed in the reservation process in case the problem of long transactions occur. [8]

Bundorf, et. al., in their study entitled Consumers' Use of the Internet for Health Insurance, examined the consumers' use of the Internet in searching

information about health insurance and manage health benefits. They pointed out imported differences across and within markets on the basis of which factors people depend in search for information about health insurance alternatives and of course, the role of the Internet in the process of searching. The study has showed that the Internet is indeed an important source of health insurance information. [9]

A study was conducted by AOL Europe and Roper Starch Worldwide last 2001 about the European Internet and its effect on the consumers as a medium becoming more central. The study found a significant percentage of adopters coming online. Consumer reliance was also found to be growing with a rough 52% estimate of online Europeans said that the Internet has become a necessity in their lives. An estimate of 62% said that it made their lives better. The study showed that people of the present rely to the Internet as one primary research tool, and making more purchases and transactions the longer they use the medium. [10]

III. Theoretical Framework

A. Health Insurance

Health insurance is a generic term that applies to all types of insurance indemnifying or reimbursing for losses caused by bodily injury or sickness or for expenses of medical treatment necessitated by sickness or accidental bodily injury. [11]

Terms like accident and sickness insurance, medical insurance also refer to health insurance which further means, a policy which would provide payment for medicine, visits to the doctor or emergency room, hospital stays, and other medical expenses. These policies would differ in what they cover, the size of the deductible and/or co-payment, limits of coverage and the options for treatment available to the policy holder. [12]

MaxiCare

With a noble mission of providing peace of mind by providing superior healthcare services, Maxicare Healthcare Corporation serves as a managed care company over 250 of the country's top corporations and over 270, 000 Filipinos. It is the country's third largest healthcare company posting a revenue growth of 40%. MaxiCare has a roster of over 4,000 affiliated specialists, fellows and diplomats, and more than 260 hospitals and clinics.

MaxiCare operates with the partnership of Equitable PCIbank, and with the cream of Philippine medical specialists as major shareholders. Having the most prestigious medical institutions in the country as the foundation of the company's service deliveries, Maxicare envisions itself to be an HMO (health maintenance organization) leader preferred by customers through superior services. [13]

MEDICard

MEDICard is a health maintenance organization (HMO) that provides comprehensive health care program for its members through their accredited hospitals and accredited doctors. These programs include emergency care, hospital confinement, preventive healthcare, dental care, and out-patient consultation services.

Founded in 1987, MEDICard is a pioneer in the industry of healthcare service. It was formed by a group of physicians with a purpose of relieving the problem in providing quality healthcare during the waning years of Marcos rule. With a total of more than 448,000 members, MEDICard Philippines, Inc. is associated with over 8,000 affiliated doctors, specialist and dentists, operating out of over 300 hospitals and clinics all over the country. [14]

MedServ

With a vision to be the health maintenance organization of choice by providing diverse yet need-specific healthcare products and services, MedServ was established to provide affordable, comprehensive quality healthcare programs that will cater to the needs of the various clients.

MedServ has the widest network of doctors and hospitals nationwide. It also has a pool of Customer Service Officers (CSOs) and a fully operational Call Center (24/7) which accepts calls from clients. Aside from that, MedServ has an open door system of accessing Medical Services. They also have what they call the e-HUBS or the electronic healthcare utilization and billing system. [15]

IntelliCare

IntelliCare is a health maintenance organization which operates under the ASALUS Group of Companies. It was once known as the ASALUS Corporation until June 2003, when it adopted the brand name, "Intellicare".

IntelliCare's line of services include HMO Program, which are health plans that provide pre-agreed healthcare services/benefits through IntelliCare's network of affiliated healthcare providers. Fixed periodic fees and other chargeable one-time fees are being paid by the plan subscribers in a specific period of time, in exchange of the services/benefits. Another is the Third Party Administration (TPA) Program, which involves an account wherein IntelliCare agrees to serve as a third party administrator of a client's healthcare needs. The cost of the healthcare services provided are paid through a fund, called the health fund which the client deposits with IntelliCare. In exchange of the services/benefits, IntelliCare charges against the health fund of the organization/company its administration/registration fees, including the medical collectibles availed of by the client which are not covered or in excess of the limits set against the fund. [16]

B. Health Card

A health card is an electronic debit facility that enables the holder to pay his day-to-day and medical expenses at any medical service provider. It is like an ATM card which holds a certain amount depending on the program where the holder's membership belongs.

Payments, through this electronic facility are, safer, easy, and more convenient. If suitable provision is made, there can be financial relief immediately at times when unexpected medical conditions and expenses occur. [17]

Health cards are tokens from health maintenance organizations (HMO) that would identify a person as a member under their one (or more) of their programs. During times of consultations and hospitalizations, these cards are presented to accredited hospitals. Instead of paying in the form of cash, payment will be done in such a manner that hospital and consultation fees will be charged on the card, depending on how much the card can cover.

C. Information System

Information system is defined as a system, whether automated or not, that is comprised of people, machines, and/or methods organized to collect, process, transmit, and disseminate data that represent user information. It refers to the entire infrastructure, organization, personnel, and components which are responsible for the collection, processing, storage, transmission, display, and dissemination of information. [18]

The technology that one can use if he wants to create an automated information system by no means has to be computer technology. [19] We

can define automated information system as any telecommunications and/or computer related equipment or interconnected system or subsystems that is used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of voice and/or data, and includes software, firmware, and hardware. It is the assembly of the computer hardware, firmware and software, or any combination of these, configured to accomplish specific information-handling operations, such as communication, computation, and storage of information.

D. Online Reservation Systems

Online reservation systems are internet-based software systems that secure accommodations in advance. [20] Online reservation systems are usually used in the travel, tourism and airline industries. It is designed to increase guest bookings while reducing the customer's time in ensuring that they will be accommodated the moment they will arrive at the establishment. Since the system is web-based, the online reservation system can be available anytime a guest wants to book and the chances are greater that the request for reservation will be granted when guests have an immediate response.

Depending on the company who manages the systems, online reservation systems can have policies on payment, security deposits, balance due dates and cancellation penalties. Payments are usually done through credit cards and confirmation receipts are sent automatically. Through these systems, customers book themselves by checking real time availabilities. Without having to wait for the system administrator's response, they can make alternate choices in case their desired schedule is fully booked or their desired location is already taken. [21]

Online reservation systems are meant to make booking processes less time-consuming and more convenient on the side of the guests and the management as well. It increases consumer satisfaction and it allows people on the management side to track and manage their inventory easily. [22]

E. Short Messaging Service (SMS)

Short message service (SMS) is a wireless service that transmits alphanumeric messages between mobile subscribers and external systems such as electronic mail, paging, and voice mail systems. Short messages can be sent or received by active mobile handsets anytime.

Through SMS, a network guarantees delivery of short messages. In case of failures, the short messages are temporarily stored in the network until the destination is already capable of receiving the message. SMS is characterized by out-of-band packet delivery and low-bandwidth message.

SMS provides convenience especially on the side of the subscribers since it is flexible and it integrates messaging services and data access in a seamless manner. [23]

GAMMU (GNU All Mobile Management Utilities) SMS Manager

Formerly known as MyGnokii2, GAMMU is a cellular manager for various mobile phones/modems. It supports wide variety of Nokia, Symbian, and AT devices over cables, infrared, or BlueTooth. Aside from that, it also has functions for ringtones, phonebooks, SMS, logos, WAP, date/time, alarm, calls, and more. [24]

GAMMU is a stable and mature codebase with support for many models available on the market and provide functions unavailable in other similar projects. It is oriented towards making a shared API for classes of device rather than supporting single phone models. [25]

F. Simple Mail Transfer Protocol (SMTP)

Simple Mail Transfer Protocol (SMTP) is the *de facto* standard for e-mail transmissions across the Internet. It is a relative simple, text-based protocol, where one or more recipients of a message are specified, then the message text is transferred. It listens to port 25.

One of the downside of using SMTP is that it has no facility for sender authentication. From this problem, the SMTP-AUTH was defined. However, the solution proposed still has impracticalities in such a way that E-mail spamming is not and cannot be addressed by it. [26]

G. Database

Database is defined as an organized collection of logically related data. The data stored in the database comes from a source commonly referred to as a mini-world (some part of the real world for which you are currently interested in). The represented mini-world has events from which the database interacts at a certain level. Adding to that, it has also an audience that is interested in using it.

The term "database" could refer to either manual or computerized database. Data stored in paper files and steel filing cabinets can be regarded as database controlled manually. While those databases controlled by one or several computer applications are referred to as computerized database. Database can be furthermore described as a repository of associated and recorded facts. [27]

H. Definition of terms [28]

a) Reservation – the written record or promise of an arrangement by which accommodations are secured in advance.

b) Health card – a token to be used as patient data card (PDC) or health professional card (HPC)

c) Health insurance – a type of insurance whereby the insurer pays the medical costs of the insured person of the insured becomes sick due to covered causes, or due to accidents.

d) OHCMARS – Online Health Cards Manager and Appointment Reservation System, the proposed system.

e) Gammu - datasuite for Nokia mobile phones (console & X). It is a suite of programs linked against a backend library that allows communication with Nokia phones.

f) Database – a collection of information organized and presented to serve a specific purpose. A computerized database is an updated, organized file of machine readable information that is rapidly searched and retrieved by computer.

g) Relational Database Management System (RDBMS) – a type of database management system (DBMS) that stores data in the form of related tables.

RDBMS are powerful because they require few assumptions about how data is related or how it will be extracted from the database.

h) Standard Query Language (SQL) – is a standard interactive and programming language for getting information from and updating a database.

i) Internet – an electronic communications network that connects computer networks and organizational facilities around the world.

j) Hyperlink – an electronic link providing direct access from one distinctively marked place in a hypertext or hypermedia document to another in the same or a different document.

k) Hypertext MarkUp Language (HTML) – a markup language that is used to create documents on the World Wide Web incorporating text, graphics, sound, video, and hyperlinks.

l) Uniform Resource Locator (URL) – the address of a resource (as a document or Web site) on the internet that consists of communications protocol followed by the name or address of a computer on the network and that often includes additional locating information (as directory and file names).

m) World Wide Web – a part of the Internet accessed through a graphical user interface and containing documents often connected by hyperlinks – called also Web.

IV. Design and Implementation

A. Entity Relationship Diagram

Figure 1 shows the entity relationship diagram (ERD) of the Online Healthcards Manager and Appointment Reservation System. With doccode as primary key, one or many doctors, can be affiliated by one or many hospitals. These hospitals are uniquely identified by their primary key, hospcode. The hospitals and doctors, as well, are affiliated by one or many healthcards with hcname and hccode as primary keys. If a healthcard from which the hospital is affiliated has no office inside that hospital, it can have one or many offices outside the hospital which the health card holders can visit before seeing the doctor. The nearest outside offices are uniquely identified by officecode. The doctor's availability in one hospital is defined by his schedule, uniquely identified by primary key schedcode. This part of the ERD reads as "a doctor is available in a hospital on this day and on this time". The user can be a system administrator or a general user who uses the Internet to know "what hospitals are affiliated with the desired healthcard and its affiliated doctors". To avail of the reservation functionality, the user must register first to the system. If registration is successful, the user will receive an email from the system – confirming that the email he/she registered is indeed correct. After email confirmation, the users can then make a reservation from which they can set an appointment with their chosen doctors online and ahead of time. The set of details given in setting the appointment reservation will be stored in the database and is uniquely identified by

20

primary key reservecode. The reservation has either a pending or approved status. Upon successful reservation, the reservation's status will be pending for the meantime until the system administrator approves or rejects it.
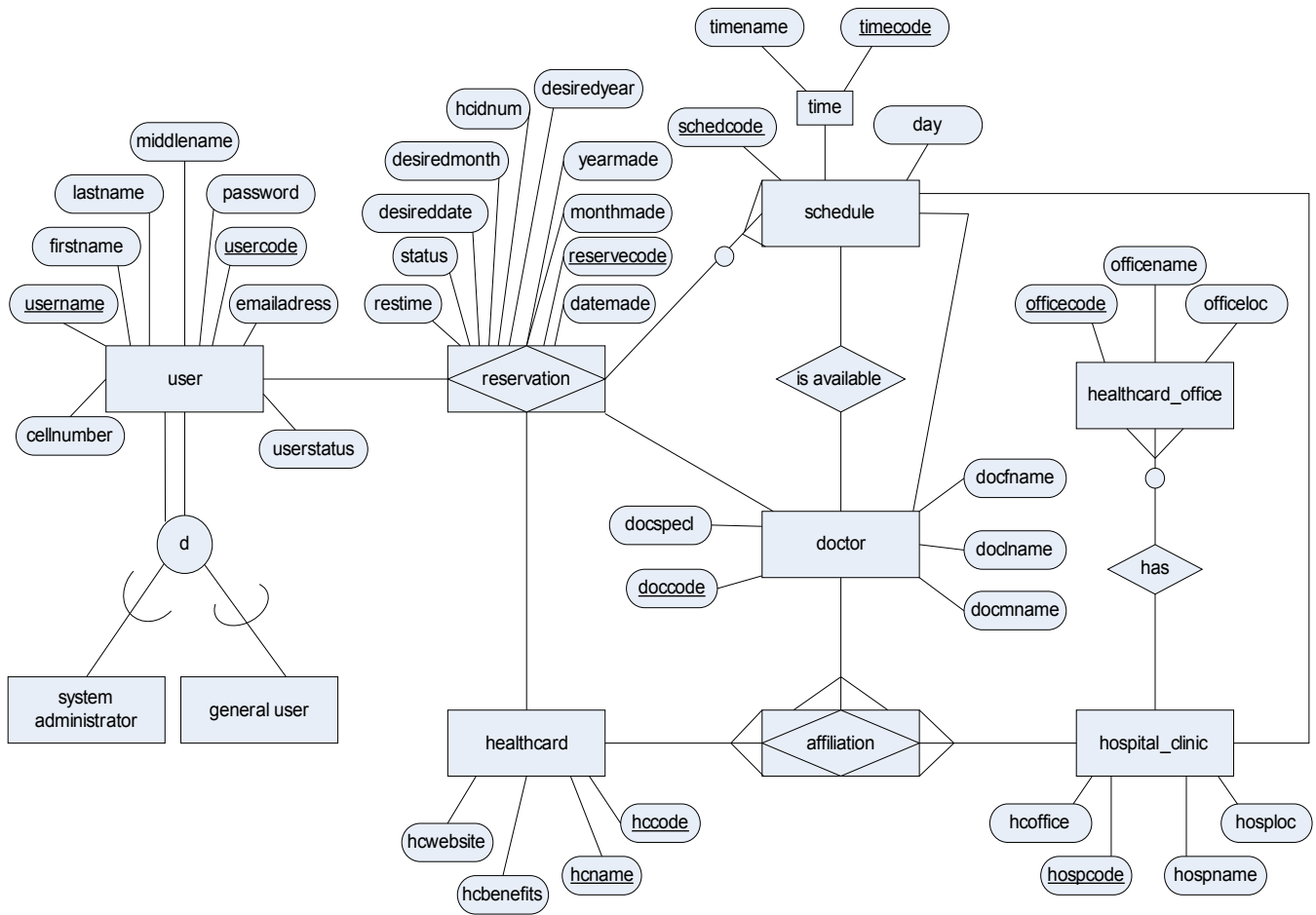
Figure 1: Entity Relationship Diagram, OHCMARS

B. Context Diagram

The context diagram is shown in Figure 2. The system has two types of users: system administrator and the general user. Each of the two usertypes will have their own set of inputs that will be processed by the system. The general user may input a certain healthcard and the system will show all its affiliated hospitals and/or clinics. From the list of affiliated hospitals/clinics, the general user can then choose one and the system will navigate him to a page that will let the user input his choice of doctor's specialization and his preferred date of consultation. Upon submission of the mentioned inputs, the system will display the affiliated doctors specializing in the field specified by the user and at the same time, has a schedule on

the user's preferred date of consultation. From the list of doctors, the user can choose one and the system will display the doctor's schedule and available timeslots on the day the user has indicated. The user can choose one from the available timeslots and reserve it, provided that he is registered to the system. The system administrator's set of inputs is comprised of information about doctors, hospitals/clinics, healthcards, changes in doctor's schedule and many others, mainly for the purpose of managing the contents of the database. Upon keying in a new set of inputs, the system will process the information and will output the changes that were made and any updates he made on his profile.
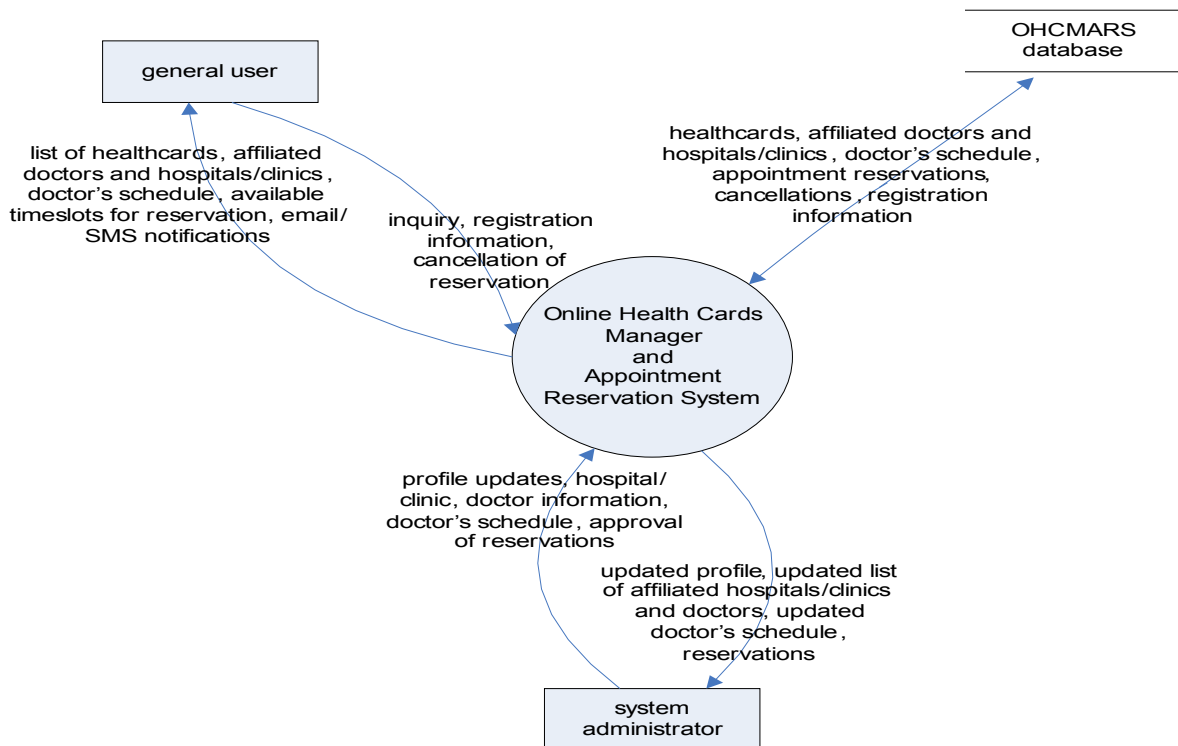
Figure 2: Context Diagram, OHCMARS

C. Data Flow Diagrams

Figure 3 shows the proposed system's top level data flow diagram. The system has five main processes for the two different types of users. These are:

1)   Login

2)   View affiliations

3)   Process reservation

4)   Manage system reservations

5)   Manage system
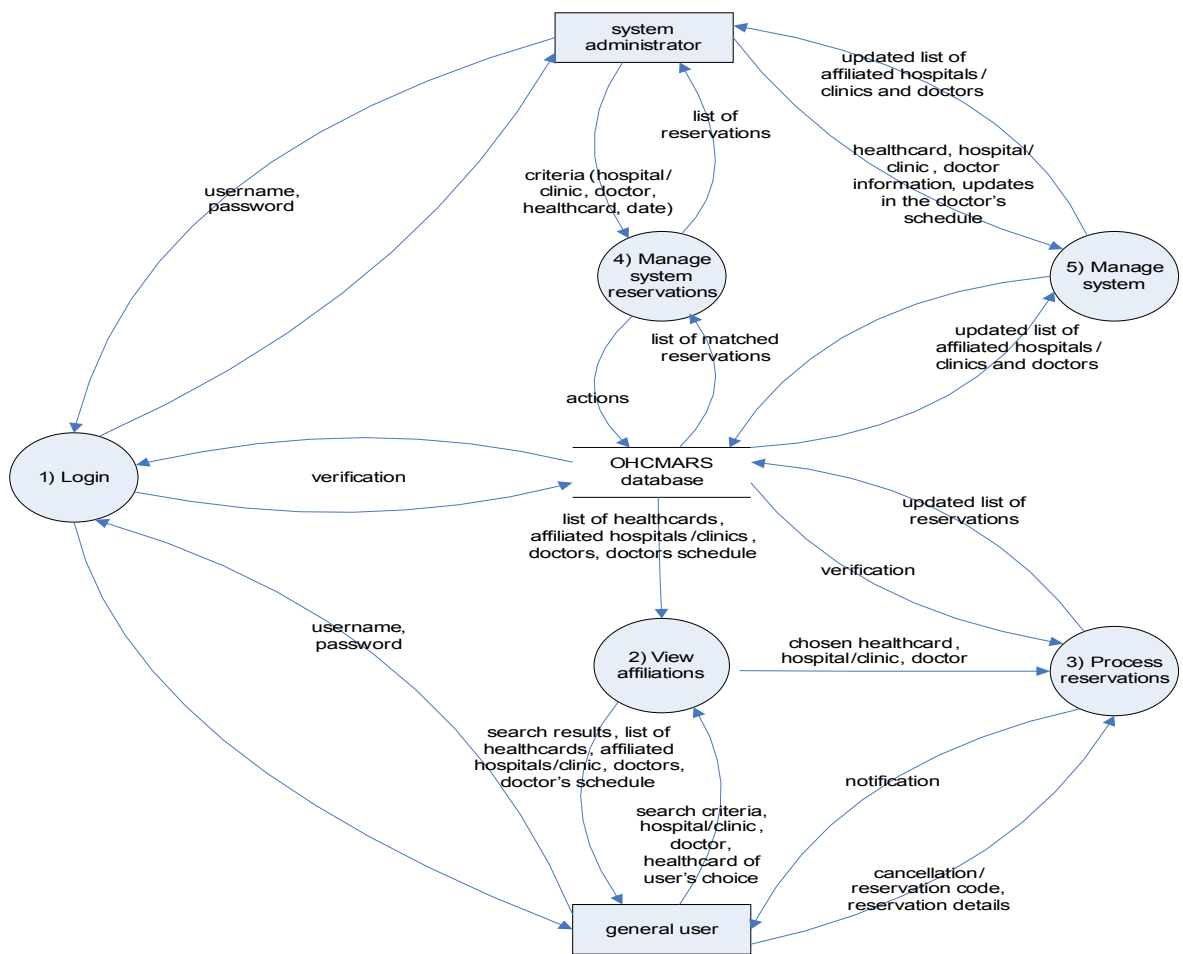
Figure 3: Top Level Data Flow Diagram, OHCMARS

Figure 4 shows the sub-explosion of the login process. This process is for both the system administrator and the user. The email address and password inputted by the two user types will be confirmed by the system. Upon successful login, the system administrator can make updates on his profile, so with the user who can now avail of the reservation functionality.
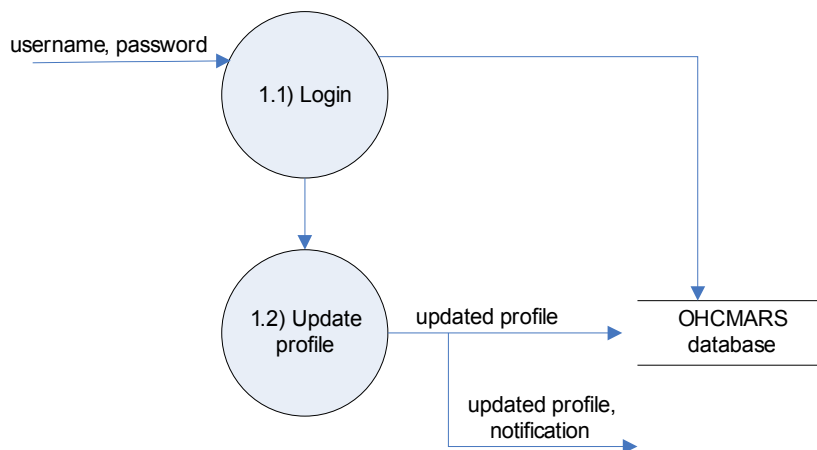
Figure 4: Sub-explosion of Login, OHCMARS

Figure 5 illustrates the sub-explosion of the second process, view affiliations. The user can view list of healthcards first, then the list of hospitals and clinics, then the list of doctors. If the user has already prior knowledge of the doctor or hospital he wants to find, he can opt to use the search function. With this function, the user doesn't have to do the step-by-step process of viewing the list of affiliations. The system will incorporate a "filter" feature to generate more specific results.
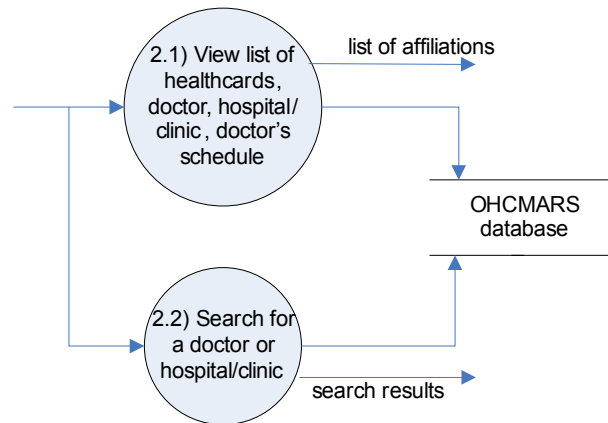
Figure 5: Sub-explosion of View List of Affiliations, OHCMARS

Figure 6 illustrates the sub-explosion of the process 2.1, view list of healthcards, affiliated hospitals and clinics and doctors, and doctor's schedule. The first thing that a user must do is to choose a healthcard. Based on the healthcard chosen, the system will output the list of affiliated hospitals and clinics. From the list of affiliated hospitals and clinics, the user can choose one hospital or clinic and the system will navigate the user to a page that will let him input his choice of doctor's specialization and preferred date of consultation. Based on the inputs supplied by the user, the system will display the list of affiliated doctors who specializes in the field indicated by the user and has a schedule on the user's preferred date of consultation. The user can choose one doctor from the list and OHCMARS will show the doctor's schedule and available timeslots in the hospital/clinic, on the day the user has specified.

The sub-explosion for the search process is shown in figure 7. The search functionality has a "filter" feature in which users are requested to specify the criteria that will be used for searching.
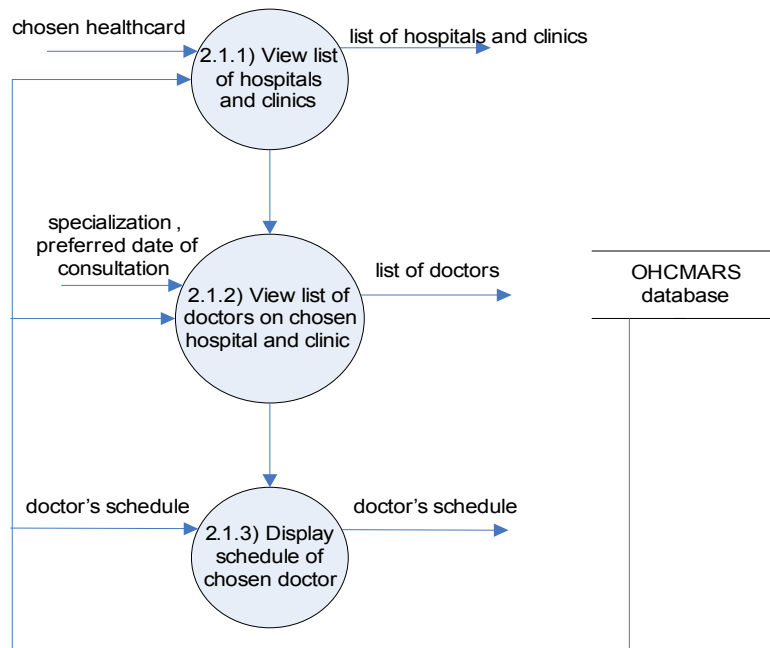
Figure 6: Sub-explosion, View List of Healthcards, Doctors, Hospitals and Clinics, and

Doctor's Schedule, OHCMARS
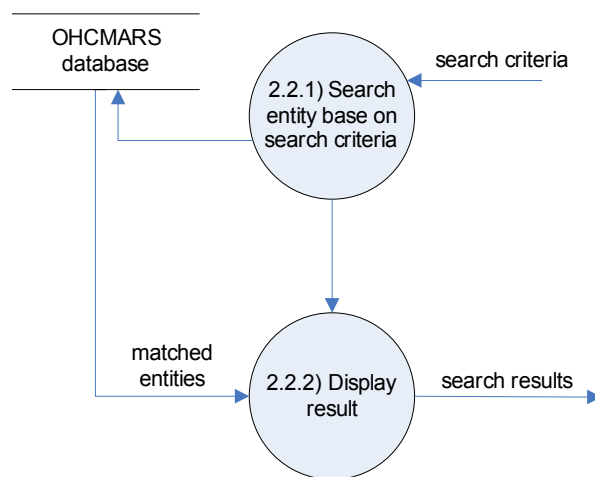
Figure 7: Sub-explosion of Search, OHCMARS

Figure 8 shows the data flow diagram for the third main process which is the processing of the reservations made by registered users. Processing reservations can be reserving an available timeslot for appointment with doctor, or checking the status of the reservation or canceling a reservation.
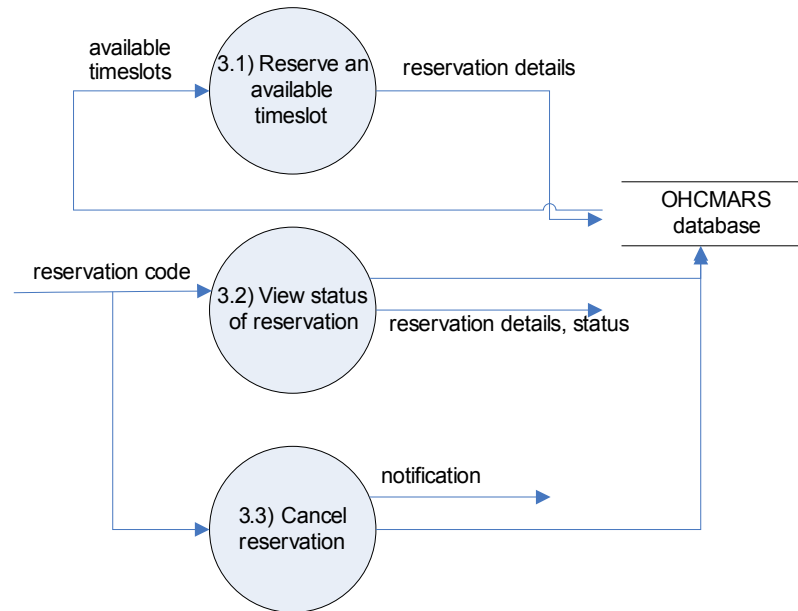
Figure 8: Sub-explosion of Process Reservation, OHCMARS

The data flow diagram for process 3.1, reserving an available timeslot is shown in figure 9. The list of available timeslots will be displayed. The user will have to choose from the available timeslots. After which, he will be navigated to a page that will let him input the personal information for reference.
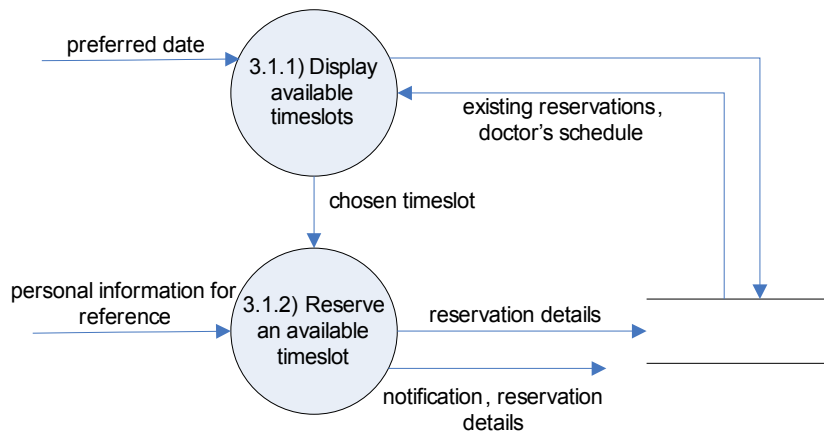
Figure 9: Sub-explosion of Reserving an Available Timeslot, OHCMARS

Figure 10 shows the flowchart of process 3.1.2, reserving an available timeslot for reservation on chosen date. The user will choose his preferred time from the list of available timeslots. After choosing a timeslot, he will be asked to prompt the details of his reservation. The program will then check if current date is within the 4-14 days range of allowable time to reserve. This is for the purpose of realizing the limitation that only reservations made at least 4-14 days before the chosen date will be honored. If this part is satisfied, the reservation details inputted by the user will be then inserted in the database. A notification will be displayed that reservation is not possible if the case is otherwise. Upon successful reservation, reservation's status is pending for the meantime until system administrator approves of it.
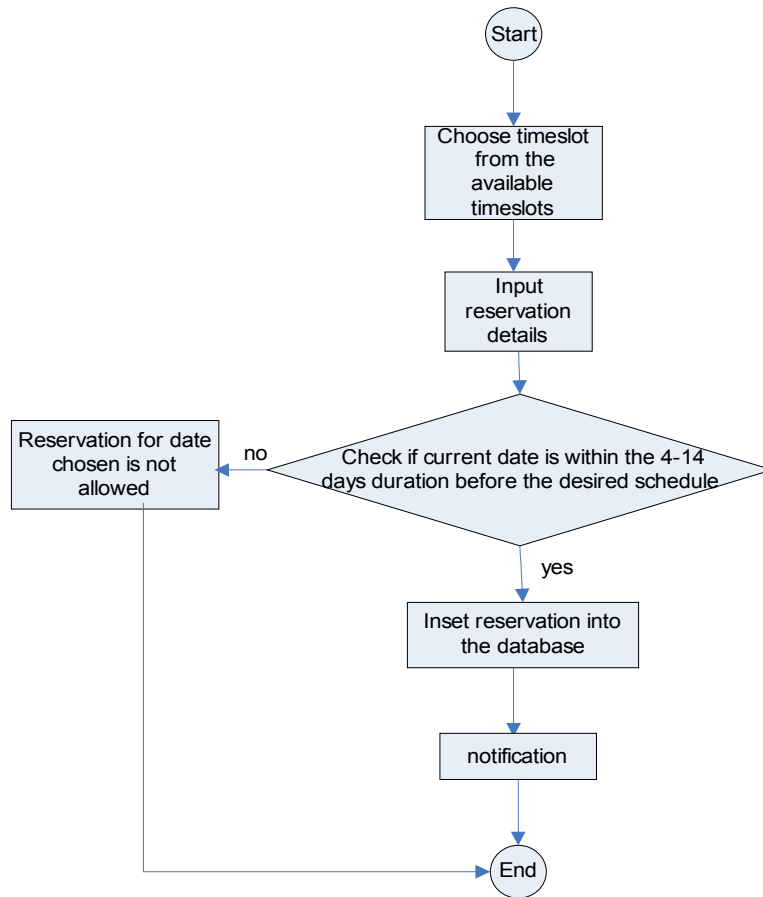
Figure 10: Flowchart for Reserving an Available Timeslot, OHCMARS

Figure 11 represents the data flow diagram of process 3.2, view status of reservation. The user will have to input first the reservation code corresponding to the reservation he has made on the system. If reservation code exists, the system will display the details of the reservation and its current status.
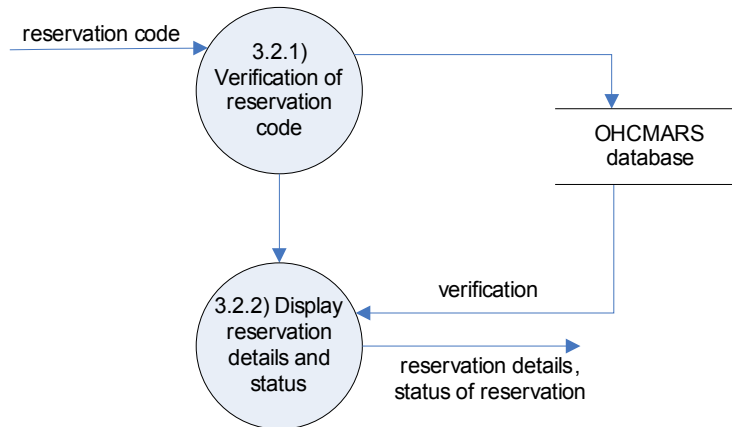
Figure 11: Sub-explosion of View Status of Reservation, OHCMARS

Figure 12 shows the data flow diagram of process 3.3, cancel reservation. The user will be first asked to prompt the code given to him upon successful reservation of timeslot. If reservation code exists in the database, the details of the user's reservation will be displayed and user will be asked to confirm the cancellation of his reserved timeslot. If user confirms, the system will do the process of deletion of the details of the user's reservation, corresponding to the reservation code given by the user on the first part of the process.
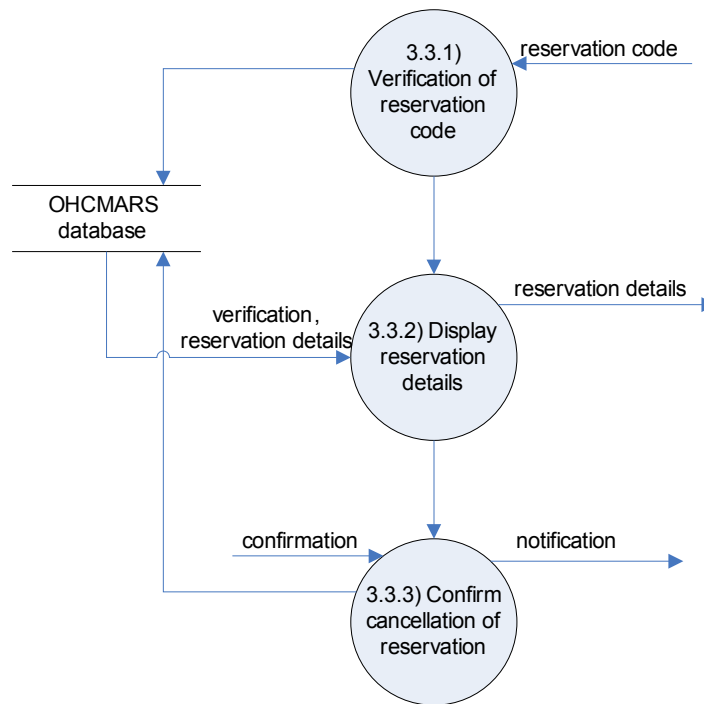
Figure 12: Sub-explosion of Cancel Reservation, OHCMARS

Figure 13 represents the flowchart for process 3.3.3, confirmation for cancellation of reserved timeslot. Prior to the actual deletion of reservation, the user will be first asked to confirm. In this course, the details of the reservation will be displayed and the user will verify the details and the cancellation. If the reservation is approved, the system will check if current date is at least one day ahead of the chosen date for reservation. If otherwise, a message will be displayed notifying user that reservation is already final and cancellation of reserved timeslot is not possible. Pending reservations can be cancelled anytime. If this part is already satisfied, the actual deletion process will then follow.
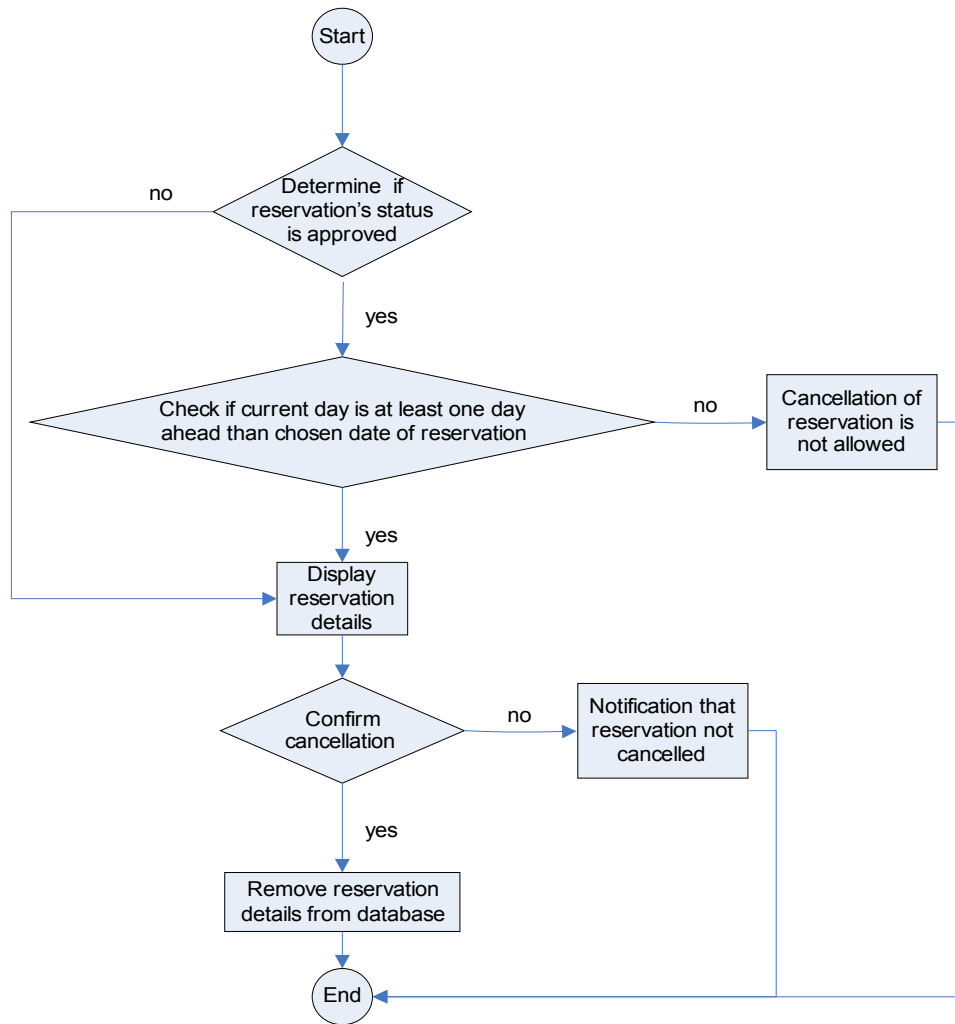
Figure 13: Flowchart of Confirm Cancellation of Reservation, OHCMARS

This fourth main process, manage system reservations, is for the system administrator only. The system administrator can opt to export the list of approved reservations to excel spreadsheet. After approving one pending reservation, all the other pending reservations with the same doctor, hospital/clinic, timeslot and day will automatically be deleted from the database. SMS/email notification will be sent to user whose reservation was approved, and at the same time, to users whose

reservations were disapproved by the system administrator. The sub-explosion of the

fourth main process, manage system reservations, is shown in figure 14.
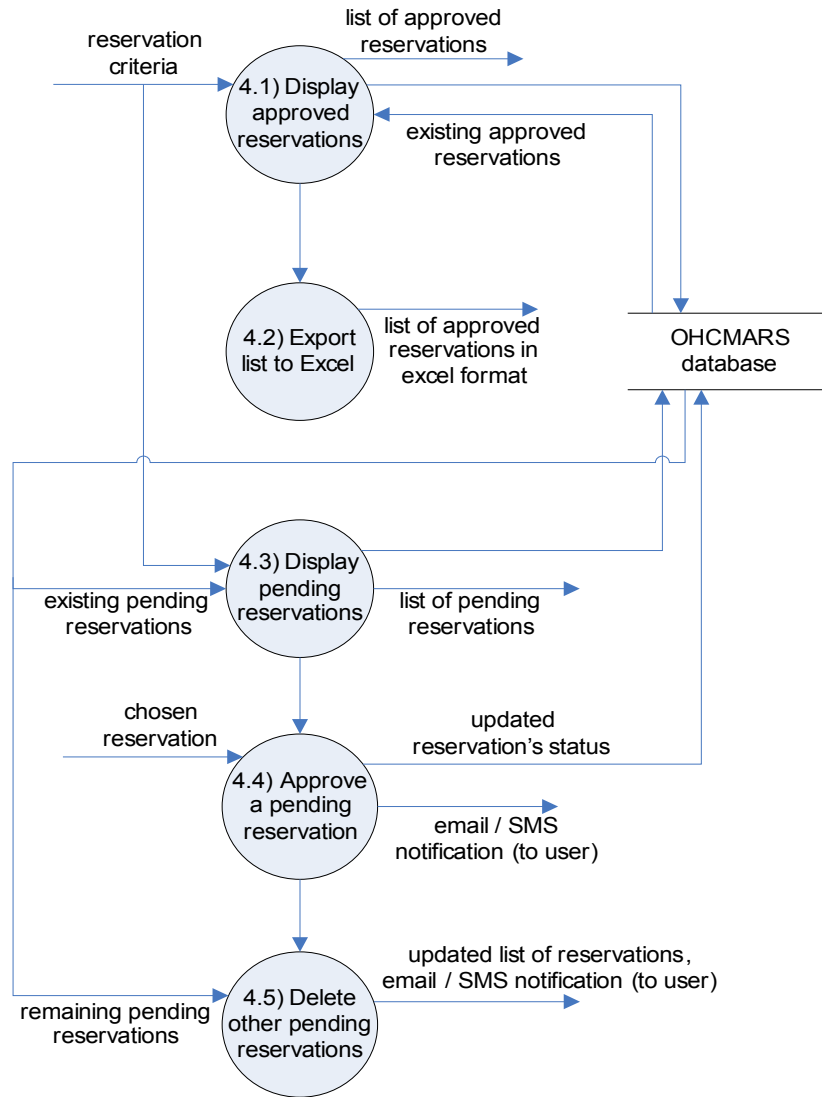
Figure 14: Sub-explosion of Manage System Reservations, OHCMARS

The fifth main process, manage system, is likewise, a

function only for the system administrator. With the fifth process, the system

administrator can add a healthcard, edit a healthcard, or delete a healthcard. The data flow diagram for this process is shown in figure 15.
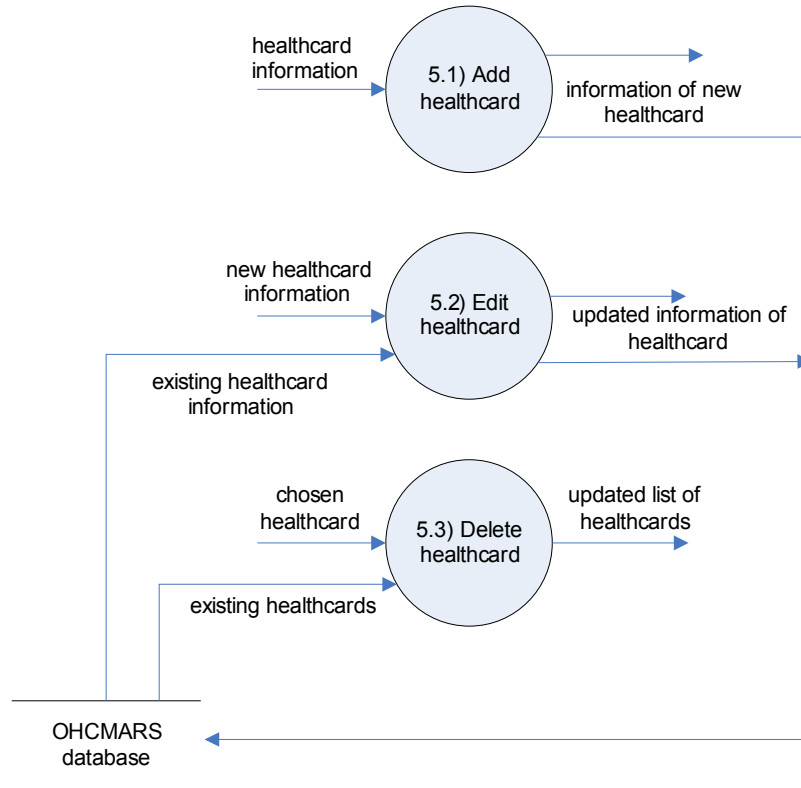
Figure 15: Sub-explosion of Manage System, OHCMARS

Adding a healthcard entails adding hospitals and clinics affiliated with the healthcard, and doctors affiliated with the hospitals and clinics added. A schedule must also be set for the doctors under the hospitals and clinics. Figure 16 illustrates the data flow diagram for this process. Updating a healthcard entails another three subprocesses: editing hospital/clinic information, doctor information or doctor's schedule. The data flow diagram for this process is shown in figure 17. Figure 18 illustrates the data flow diagram for the subprocesses under deleting a healthcard. Deletion of a healthcard involves deletion too, of hospitals and clinics and doctors

affiliated with the healthcard. The schedule corresponding to the deleted doctor will also be removed from the database.

new hospital information → 5.1.1) Add hospital/clinic → new hospital information

new doctor information → 5.1.2) Add doctor → new doctor information

new doctor's schedule → 5.1.3) Add doctor's schedule → new doctor's schedule

OHCMARS database
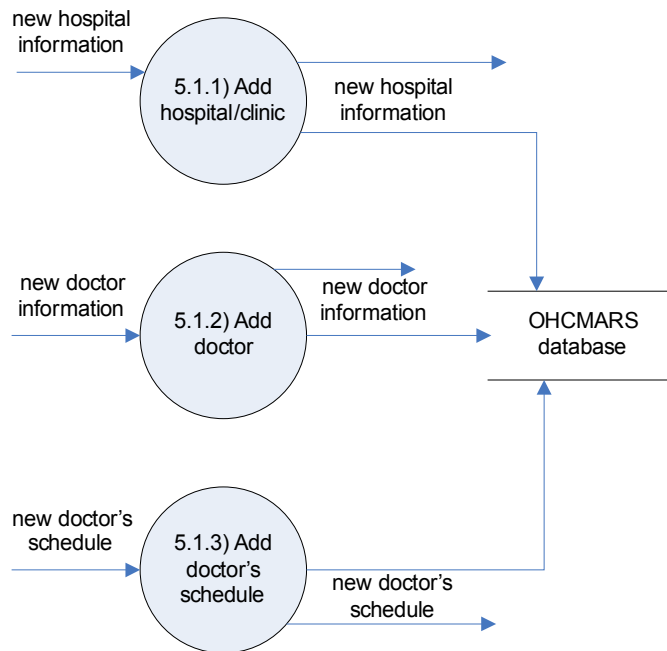
Figure 16: Sub-explosion of Add Healthcard, OHCMARS
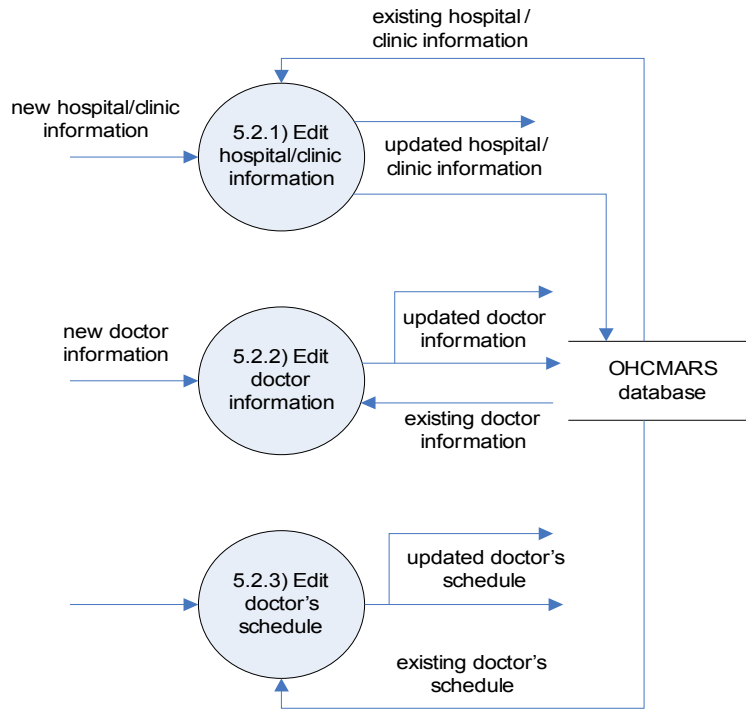
Figure 17: Sub-explosion of Edit Healthcard, OHCMARS
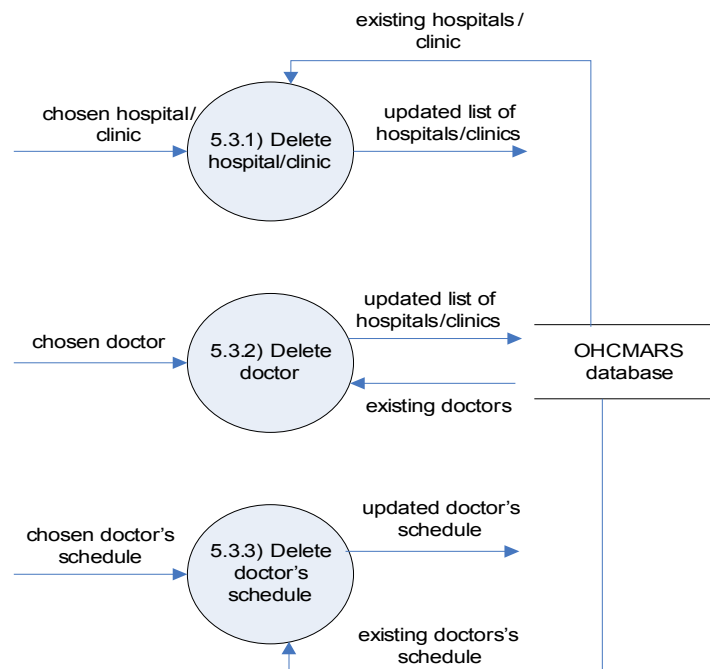
Figure 18: Sub-explosion of Delete Healthcard, OHCMARS

D. Data Dictionary

healthcard – the table for the healthcards that are included in the system

Field name	Type	Description
hccode	varchar	primary key, unique identifier of all healthcards in the system
hcname	varchar	the name of the healthcard, each healthcard must have a unique name
hcbenefits	varchar	services the health card offers on its holders
hcwebsite	varchar	the healthcard's official website

hospital_clinic – the table for the hospitals affiliated with the healthcards

Field name	Type	Description
hospcode	varchar	primary key, unique identifier of all hospitals included in the system
hccode	varchar	foreign key, the healthcard which the hospital is affiliated with
hospname	varchar	the name of the hospital
hosploc	varchar	the location of the hospital
hcoffice	varchar	the location of the health card's office inside the hospital; if value is "none", the health card has no office inside the hospital

healthcard_office – the table that will hold the location of healthcard offices outside

of the hospital

Field name	Type	Description
officecode	varchar	primary key, unique identifier of all offices included in the system
hospcode	varchar	foreign key, would refer to the hospital and the health card which the hospital is affiliated with
officename	varchar	the name of the office
officeloc	varchar	the location of the office

doctor – the table for the doctors that are included in the system

Field name	Type	Description
doccode	varchar	primary key, unique identifier of all doctors included in the system
hospcode	varchar	foreign key, the hospital which the doctor is affiliated with
docfname	varchar	doctor's first name
docmname	varchar	doctor's middle name
doclname	varchar	doctor's last name
docspecl	varchar	doctor's specialization

schedule – the table for doctor's availability in a hospital or clinic

Field name	Type	Description
schedcode	varchar	primary key, unique identifier of all schedules in the system
doccode	varchar	foreign key, the doctor who owns the schedule
hospcode	varchar	foreign key, the hospital where the doctor is available on the time specified
day	varchar	day when the doctor is available on the hospital and on the time specified
timecode	varchar	foreign key, the identifier for the time when the doctor will be available on a certain day in a hospital

time – the table for the time codes that will be used in reservation and the doctor's

schedule

Field name	Type	Description
timecode	varchar	primary key (e.g. 8:00 am-9:00 am = 0001)
timename	varchar	the time ranges corresponding to the time codes (e.g. 8:00 am-9:00 am)

reservation – the table where the details for reservation will be stored

Field name	Type	Description
reservecode	varchar	primary key, unique identifier of each set of reservation details
desireddate	varchar	the user's desired date for consultation
desiredmonth	varchar	the user's desired month for consultation
desiredyear	varchar	the user's desired year for consultation
schedcode	varchar	foreign key, identifies the schedule the user has chosen
datemade	varchar	the date when the reservation was made
monthmade	varchar	the month when the reservation was made
yearmade	varchar	the year when the reservation was made
status	varchar	reservation's status, either pending or approved
restime	varchar	time the reservation was made
hccode	varchar	the health card which the user will use in the reservation
usercode	varchar	the code that would refer to the user who made the reservation
hcidum	varchar	the user's healthcard identification number
doccode	varchar	Refers to the doctor reserved
hospcode	varchar	refers to the hospital or clinic of the user's choice

user – the table that will hold the list of registered users. Only registered users will

be allowed to avail of the reservation functionality.

Field name	Type	Description
usercode	varchar	primary key, the code that would refer

		to the owner of the account
username	varchar	primary key, the user's username, will be used in logging in
emailaddress	varchar	email address of the user which will be validated
password	varchar	the password that will be used in logging into the system
firstname	varchar	user's first name
middlename	varchar	user's middle name
lastname	varchar	user's last name
cellnumber	varchar	the user's mobile phone number
userstatus	varchar	inactive or active, upon registration user will have inactive status at first. This will be changed to active after user has verified the validity of his email address.

system_ad – the table that will contain the profile of the system administrator

Field name	Type	Description
usercode	varchar	primary key, the code that would refer to the system administrator
username	varchar	primary key, the system administrator's username, will be used in logging in
emailaddress	varchar	the system administrator's email address
password	varchar	the password that will be used in logging into the system
firstname	varchar	system administrator's first name
middlename	varchar	system administrator's middle name
lastname	varchar	system administrator's last name
cellnumber	varchar	system administrator's mobile phone number

E. Technical Architecture

The Online Health Cards Manager and Appointment Reservation System will be implemented using PHPTriad 2.2 (with updated packages for Apache 1.3.23, MySQL 3.23.48 and PHP 4.1.1). Another software needed is an SMS Manager (Gammu SMS Manager 1.9.0) and an SMTP server (QK SMTP), which will be used for the SMS and auto-email functions respectively. It will also abide with the client-server architecture. The database will be stored in the server.

The minimum requirements for the client-side computer are the following:

- 900 MHz Pentium III and above

- 128 Mb RAM

- 40 Gb hard disk capacity

- 10/100 Mbps LAN Card/56 Kbps modem

- Windows XP operating system

As for the server-side computer, the minimum requirements are:

- 1.0 GHz Pentium III and above

- 128 Mb RAM

- 40 Gb hard disk capacity

- 10/100 Mbps LAN Card/56 Kbps modem

- Windows XP operating system

V. Results

The homepage is shown in figure 19. Even if not logged in, the user can view the list of healthcards, accredited hospitals and doctors, and the doctor's schedule. The user can also search for a doctor and for unregistered users, they can choose to sign up and register to the system. The links for these functionalities are shown in the left pane.
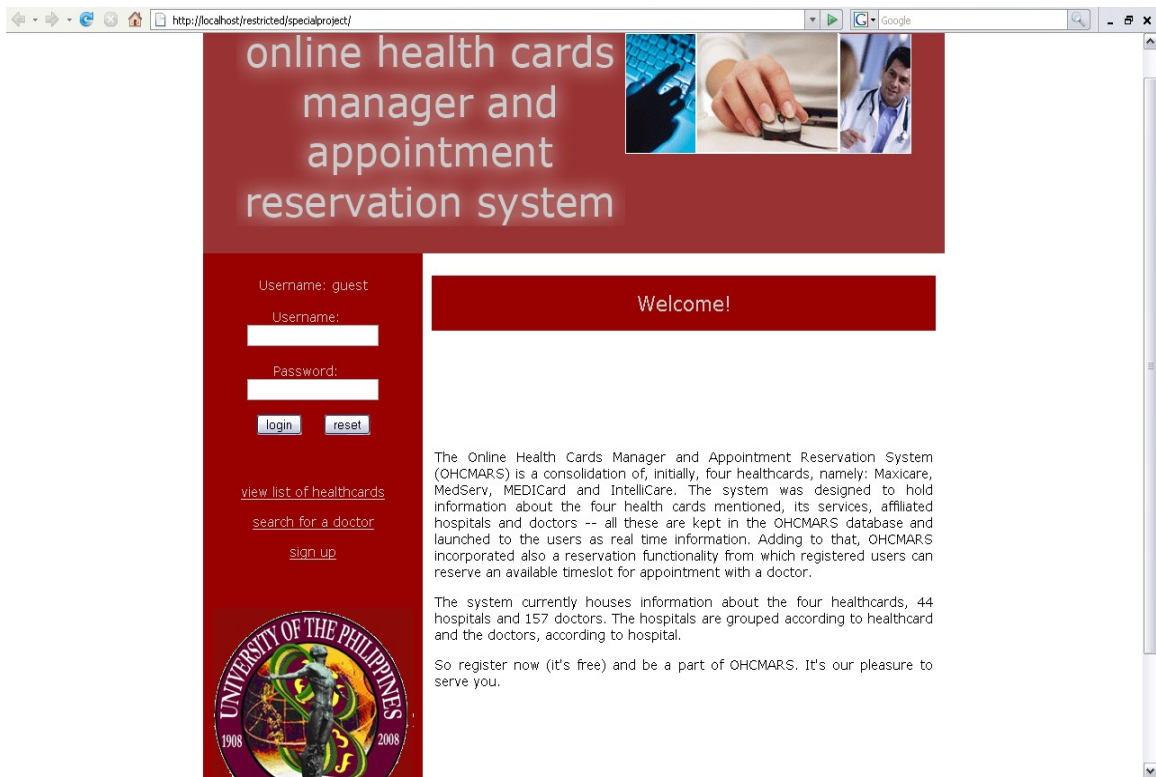
Figure 19: Home Page, OHCMARS

Figure 20 shows the page where the list of healthcards is displayed. The registered user can choose to view the information about the healthcard through the "services" link. The link "application/policies", if clicked, will navigate the users to the healthcard's official website. The name of the healthcard, if clicked by the user, will navigate him to the list of hospitals affiliated with the healthcard. The page that displays the healthcard's services is shown in figure 21.

Figure 20: List of Healthcards, OHCMARS

Figure 21: Healthcard's Services, OHCMARS

The page where the list of hospitals is displayed is shown in Figure 22. On the opposite of each hospital, is its address. The name of the hospital, if clicked, will navigate the user to the page that will let him input the doctor's specialization of his choice and his preferred date of consultation.

Figure 22: List of Affiliated Hospitals, OHCMARS

Figure 23 shows the page that will let the user input his choice of doctor's specialization and preferred date of consultation. Based on the inputs specified by the user, the system will display the affiliated doctors who specialize in the field the user has specified, and at the same time, has a schedule on the date he entered. A sample of the page displaying the list of affiliated doctors after indicating the doctor's specialization and preferred date of consultation is shown in figure 24. From the list of affiliated doctors, the user can choose one by clicking the code corresponding to the doctor. This link will direct the user to the doctor's schedule on his preferred date of consultation. This page at the same time will display the doctor's available timeslots. If a certain timeslot is already reserved, the corresponding word opposite the timeslot is "taken". If the case is otherwise, a clickable "open" is shown opposite the time. Figure 25 shows a sample of this page.

46
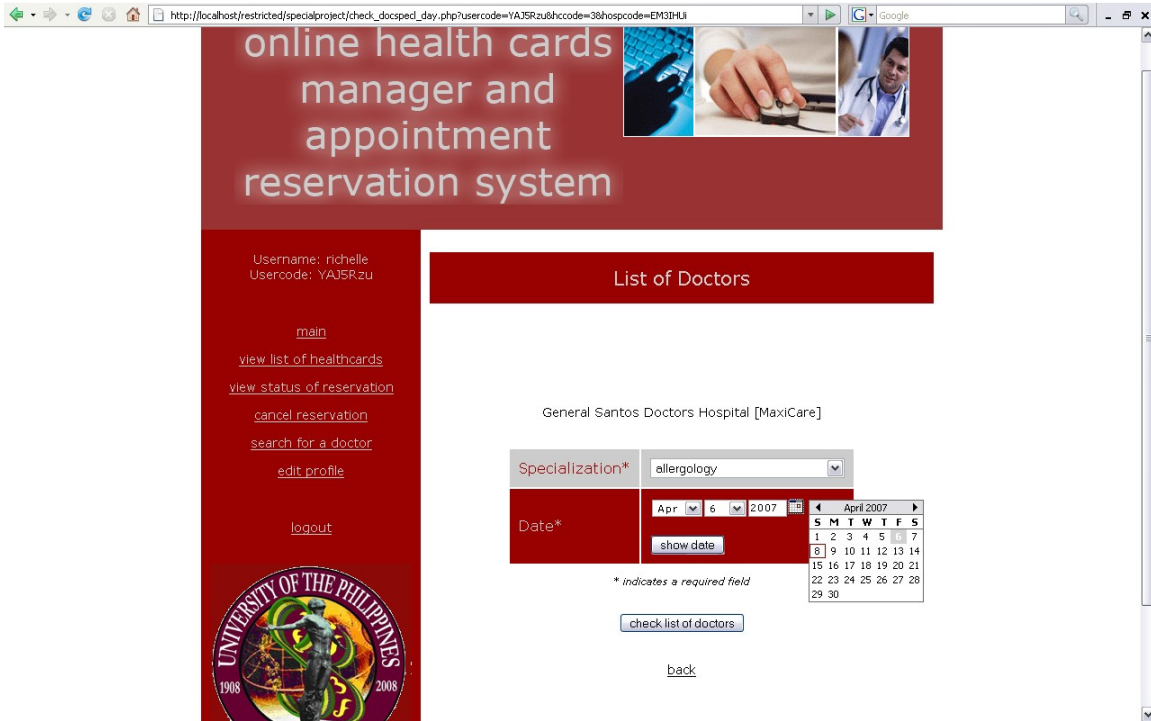
Figure 23: Input Doctor's Specialization and Preferred Date of Consultation,

OHCMARS

Figure 24: List of Affiliated Doctors, OHCMARS
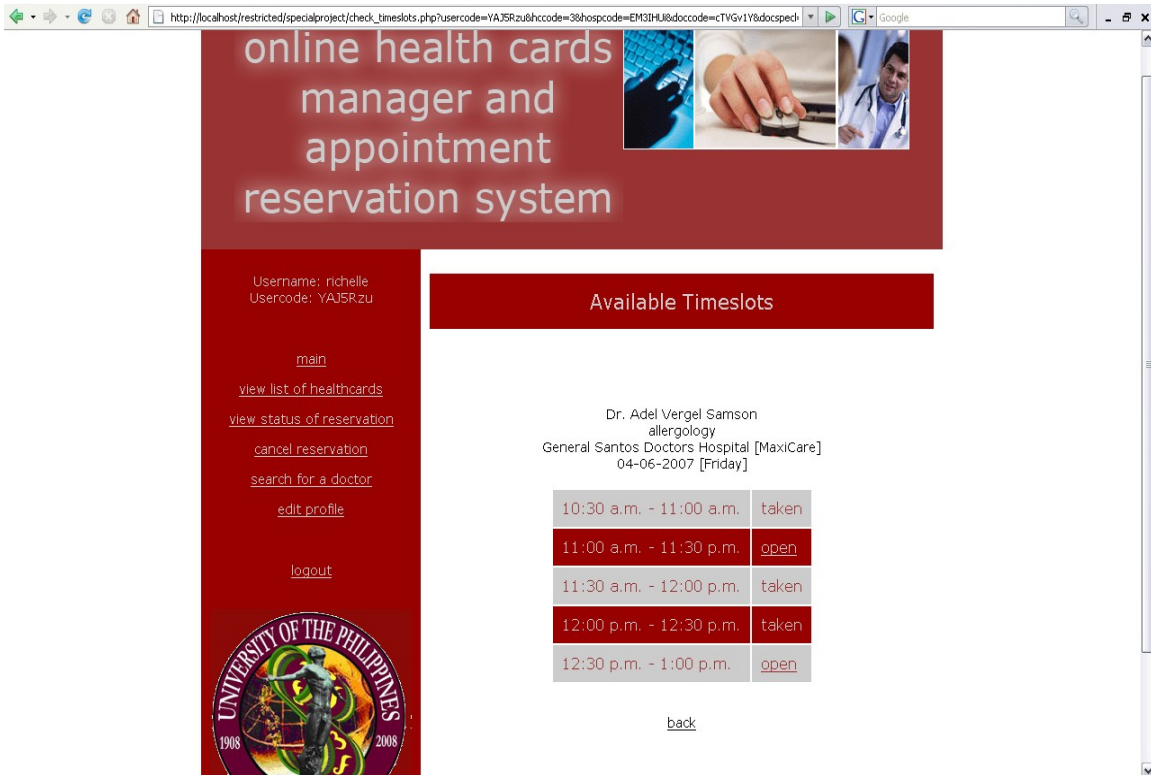
Figure 25: List of Available Timeslots, OHCMARS

Aside from being directed on the page that will display the doctor's schedule on the user's preferred date of consultation, the user can also view the doctor's full availability in the hospital by clicking the link "schedule" which can be seen alongside the doctor's name and code. A sample schedule of the doctor is shown in figure 26. Figure 27 asks the users to input their healthcard identification number after choosing an available timeslot.

Figure 26: Doctor's Schedule, OHCMARS
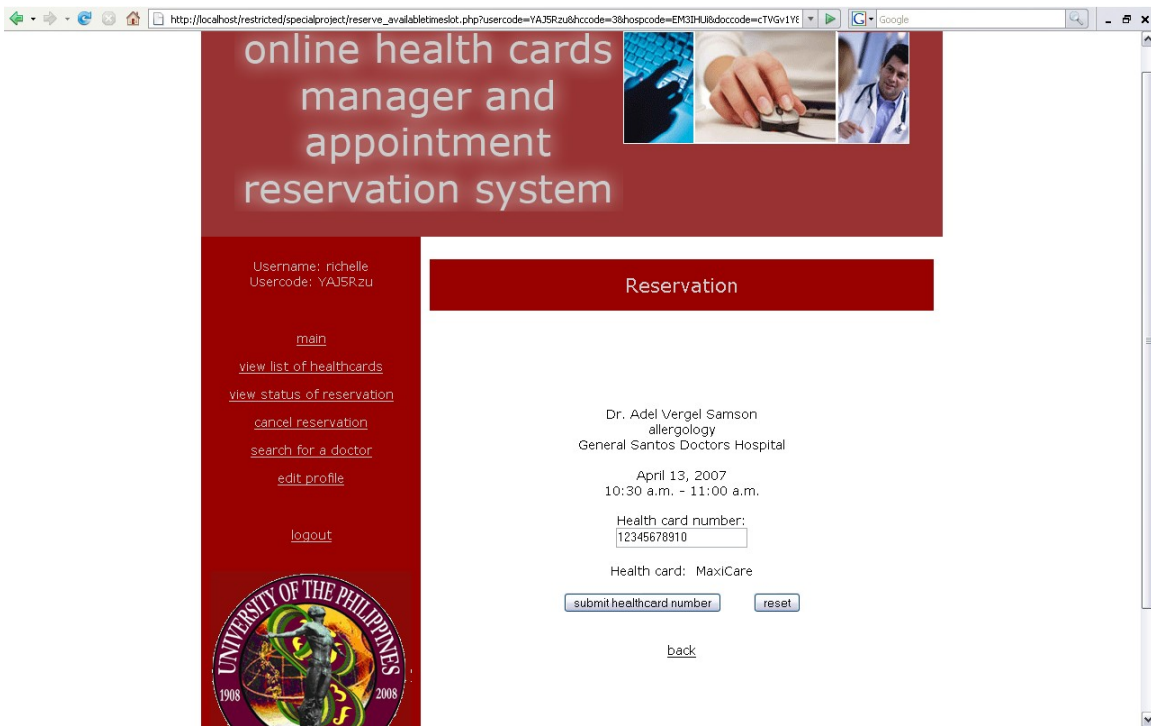
Figure 27: Input Health Card Identification Number, OHCMARS

After successfully reserving the timeslot, the system will display the reservation details inputted by the user along with the confirmation that reservation details are already stored in the database. Figure 28 illustrates a sample display of reservation details.

Figure 28: Display Reservation Details, OHCMARS

In viewing the status of reservation or canceling a reservation, the user is required to supply the reservation code given to him upon successful reservation of chosen timeslot. Figure 29 asks users to supply the reservation code corresponding to the reservation that they want to view or cancel. If the user inputted a correct reservation code, the system will display the details of the reservation. In the case of canceling a reservation, the reservation details will be displayed for the user to verify the reservation. After which, he will be asked to confirm the cancellation process. A sample page that displays the details of reservation for both cancel reservation and view status of reservation processes is shown in figure 30.

Figure 29: Input Reservation Code, OHCMARS

Figure 30: Display Reservation Details, OHCMARS

Figure 31 asks the users to input parameters to be processed by the system using the search function. The user is required to fill out the fields for hospital and healthcard. The fields for specialization, day and timecode can be left blank. Filling out all fields, however, can generate more specific results. A sample page that displays search results is being shown in figure 32. The user can also edit his profile as shown in figure 33.
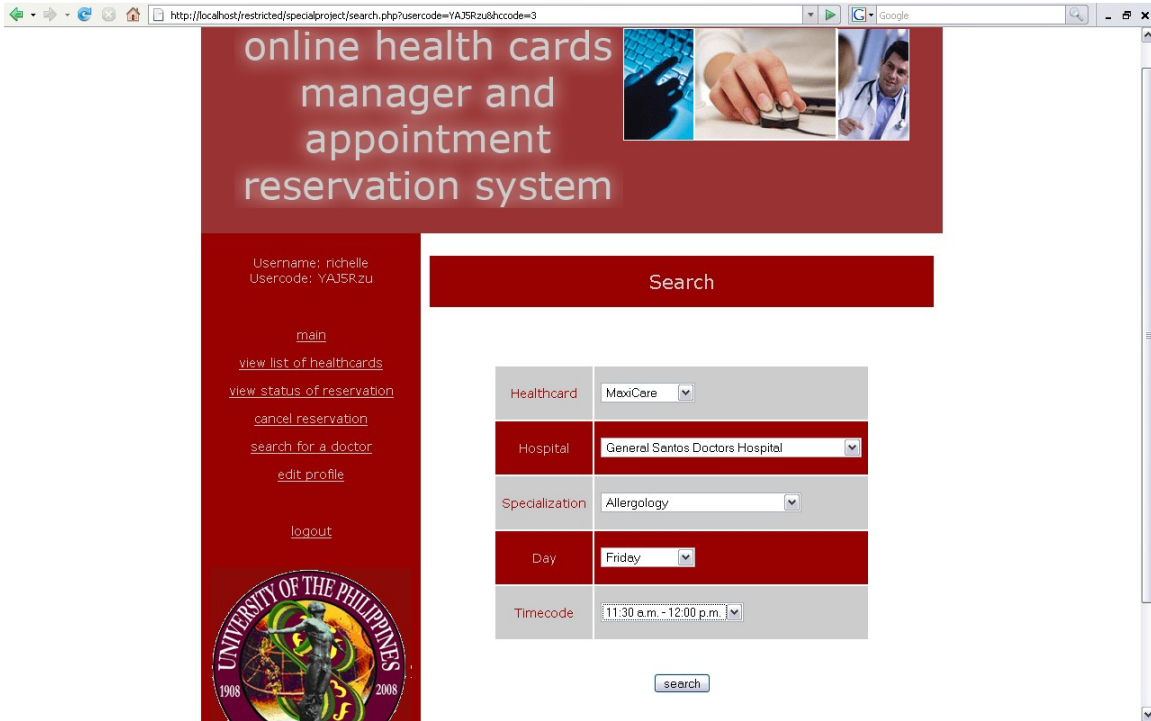
Figure 31: Search Page, OHCMARS
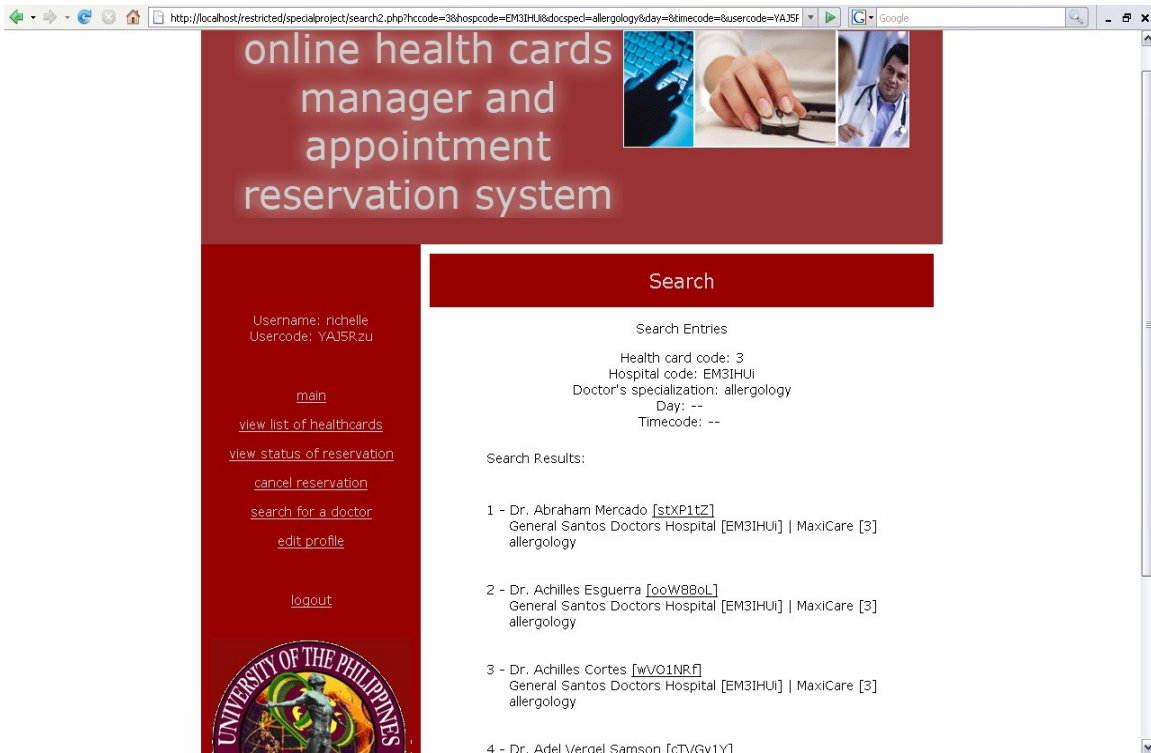
Figure 32: Sample Search Results, OHCMARS
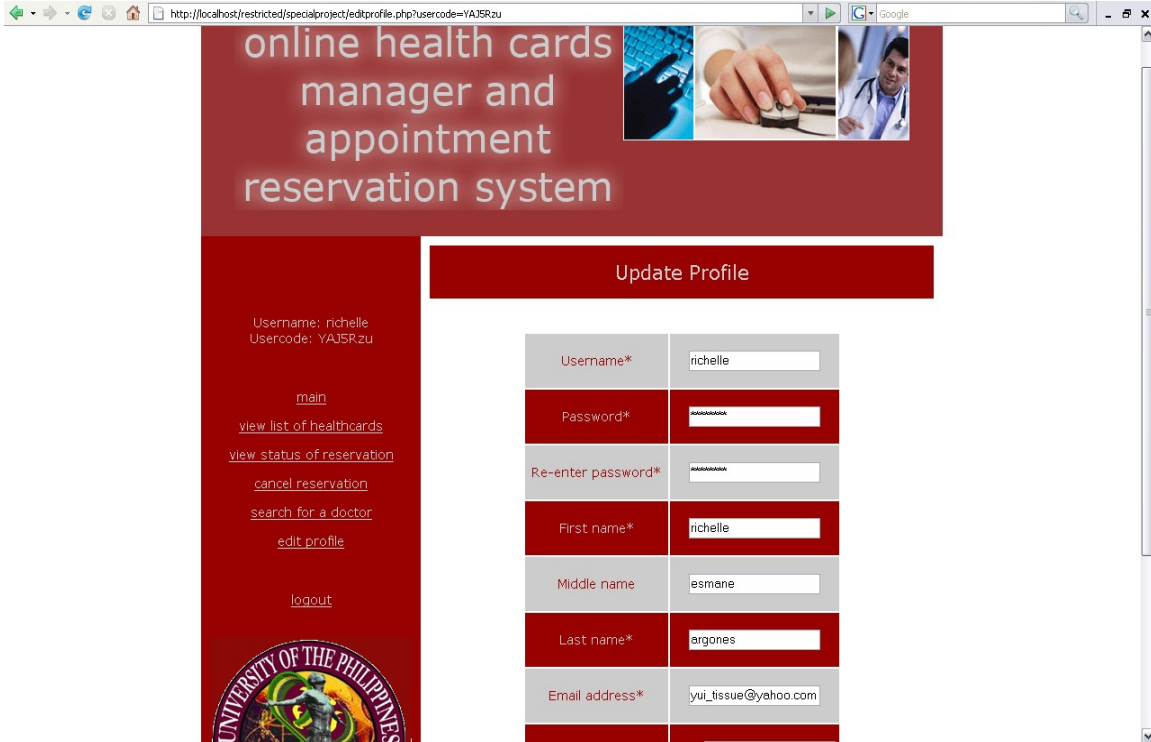
Figure 33: Edit User's Profile, OHCMARS

Figure 34 shows the system administrator's page upon successfully logging in to the system. Quick statistics is shown and the figures are clickable. If clicked, e.g. system administrator clicks in link 9, he will be navigated to the page that will display the 9 hospitals and clinics under MaxiCare. The links for database management are in the left pane.
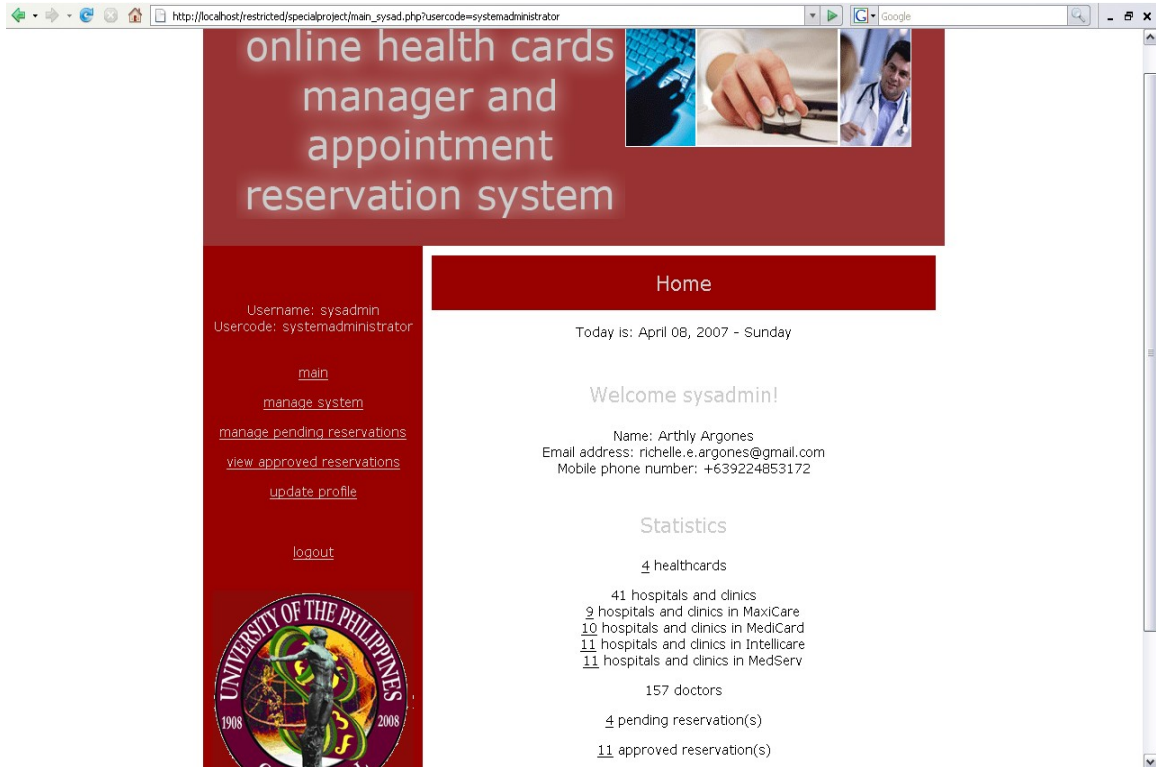
Figure 34: System Administrator's Page, OHCMARS

A list of healthcards is shown in figure 35. In this page, the system administrator can view the information corresponding to chosen healthcard. He can also view the hospitals that are affiliated with the healthcard. He can also add another hospital affiliated with the chosen healthcard. Figure 36 allows the system administrator to edit the information of the chosen healthcard.

Figure 35: List of Healthcards, OHCMARS
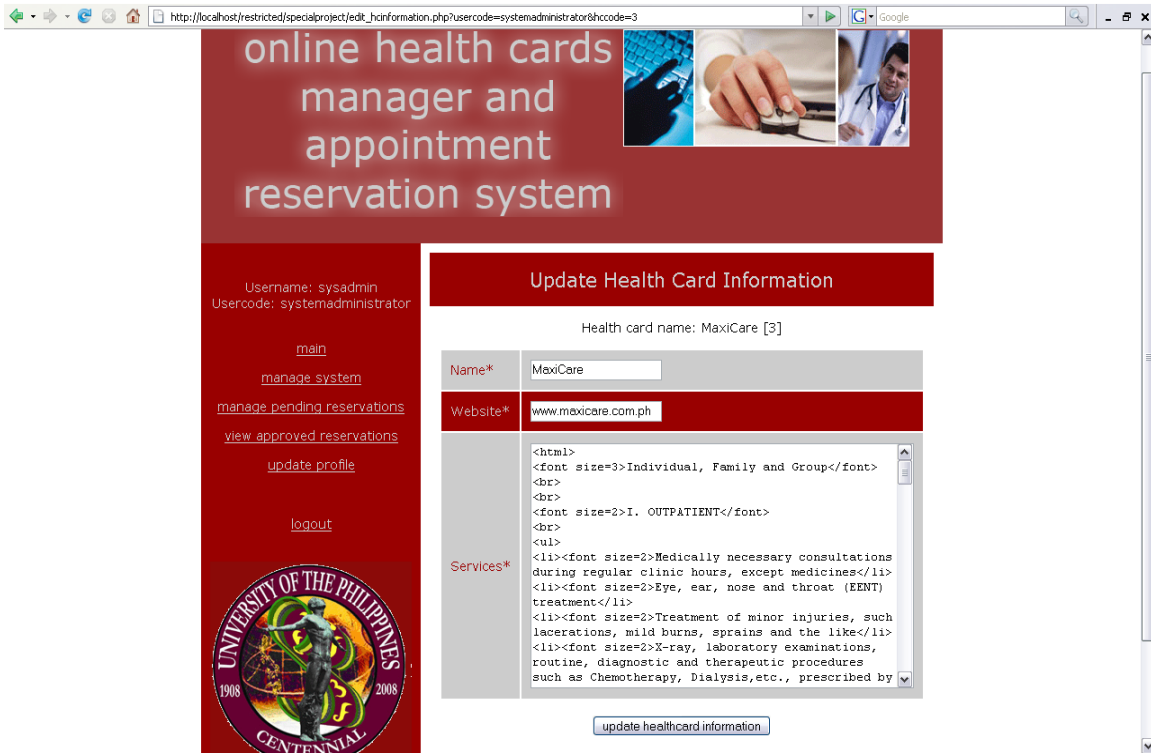
Figure 36: Edit Healthcard Information, OHCMARS

In adding a hospital, the system administrator can add three healthcard offices (outside of the hospital) at a time. The field for healthcard office inside of the hospital and the fields for healthcard office outside of the office must not have values at the same time. Figure 37 displays a sample form when system administrator adds a hospital.

Figure 37: Add Hospital, OHCMARS

Figure 38 displays the list of hospitals affiliated with the chosen healthcard. In this page, the system administrator can edit the information about the hospital, view the doctors affiliated with the hospital, add a doctor affiliated with the hospital, view the offices outside of the hospital (if there is any), add an office outside of the hospital, or delete the hospital.

Figure 38: List of Affiliated Hospitals, OHCMARS

Figure 39 shows a page that will let the system administrator edit the information of chosen hospital. Some constraints are considered in editing the information of a hospital, especially in filling out the field for healthcard office inside of the hospital. If a healthcard has an office inside of the hospital, this field cannot be left blank. If the system administrator goes on with the information update, he will be asked to add an office of the healthcard outside of the hospital. If a healthcard has an office outside of the hospital, the system administrator can go on with the information update even if HCoffice field is not filled out.
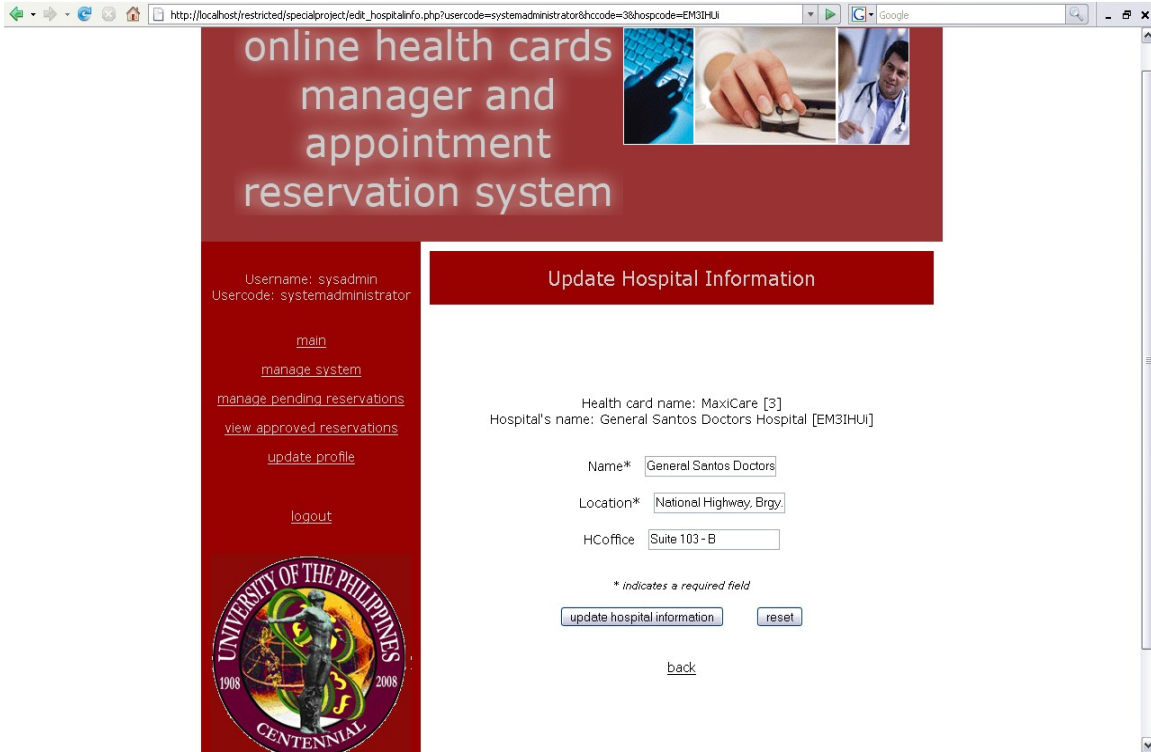
Figure 39: Edit Hospital Information, OHCMARS

A sample form for adding a doctor is shown in figure 40. Figure 41 displays a sample form in adding a healthcard office outside of the hospital. The system administrator can add a healthcard office outside of the hospital if HCoffice field has no value, the hospital has an entry in table healthcard_office.
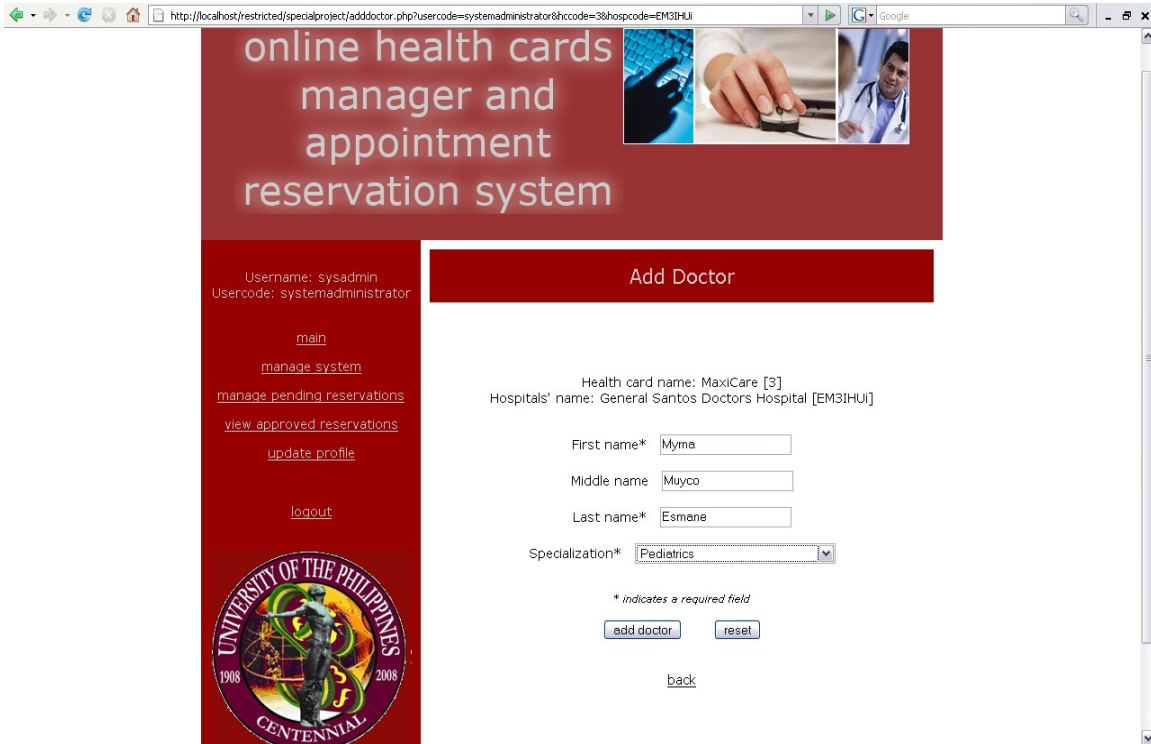
Figure 40: Add Doctor, OHCMARS
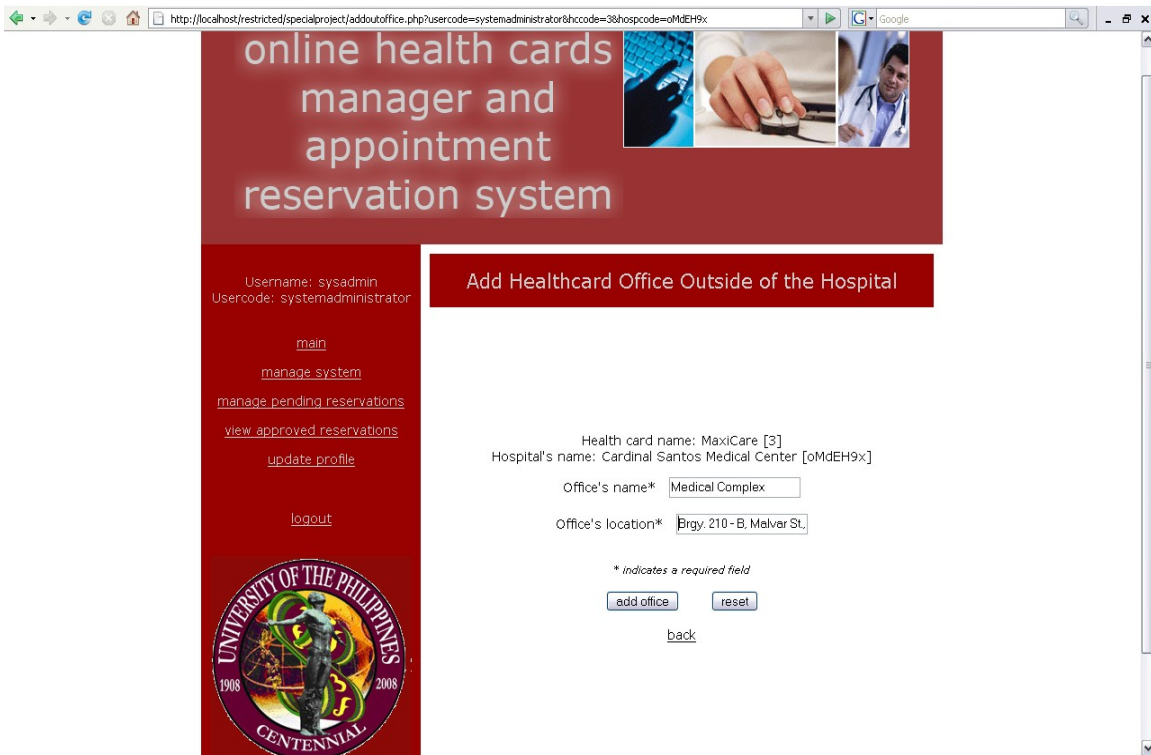
Figure 41: Add a Healthcard Office Outside of the Hospital, OHCMARS

Figure 42 displays the healthcard offices outside of the hospital. In this page, the system administrator can edit the information about the office or delete the office. If the hospital has only one entry in the table healthcard_office, the system administrator will be asked to add another outside office before he can successfully delete the office.

Figure 42: List of Healthcard Offices Outside of the Hospital, OHCMARS

In the page where the list of affiliated doctors is displayed, the system administrator can view and edit the doctor's schedule, edit information about the doctor or delete the doctor from the database. Figure 43 displays the list of affiliated doctors. A sample of the display of the doctor's schedule in the system administrator side is shown in figure 44. In the doctor's schedule, the system administrator can edit or delete a timeslot. He can also view the pending and approved reservations on his chosen timeslot. The reservations in this part are grouped according to healthcard, hospital, doctor, day, and timecode. A sample form for editing the doctor's schedule is shown in figure 45.

Figure 43: List of Affiliated Doctors

Figure 44: Doctor's Schedule (System Administrator's Side), OHCMARS

Figure 45: Edit Doctor's Schedule, OHCMARS

63

If the system administrator wants to view the pending reservations in a certain healthcard, "in this affiliated hospital or clinic, doctor and on this date", he can make use of the "manage pending reservations" link. The results that will be displayed are grouped according to healthcard, hospital or clinic, doctor and preferred date of consultation. The case is the same with viewing the list of approved reservations. The system administrator can likewise, indicate the healthcard, hospital or clinic, doctor, and preferred date of consultation to get more specific results. A sample form is shown in figure 46. The page where the system administrator will be navigated after inputting the needed parameters in viewing the list of pending reservations is illustrated in figure 47. List of approved reservations through the "view approved reservations" can be exported to excel spreadsheet. Figure 48 displays an illustration when list of approved reservations is being exported to excel.

Figure 46: Manage Pending Reservations/View Approved Reservations, OHCMARS

Figure 47: List of Pending Reservations, OHCMARS

Figure 48: Exporting List of Approved Reservations to Excel, OHCMARS

Users who have specified their mobile phone number upon registration can receive notifications via SMS. Figure 49 shows a sample SMS notification regarding the user's status of reservation.

```
----------OHCMARS----------        ----------OHCMARS----------
Your request for                    Your request for
appointment with Dr.                appointment with Dr.
Achilles Cortes at General          Achilles Cortes at General
Santos Doctors Hospital on          Santos Doctors Hospital on
April 03, 2007 has been             April 03, 2007 has been
approved. OHCMARS                   disapproved. OHCMARS


Options              Back           Options              Back
```
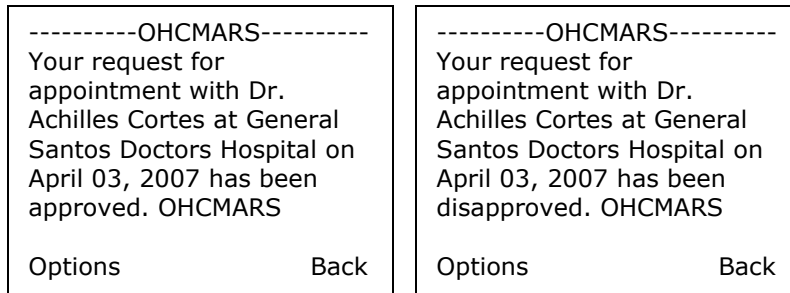
Figure 49: SMS Notification regarding Status of Reservation, OHCMARS

When the schedule of a doctor is updated, the reservations that are affected with the change in schedule are automatically removed from the database. The same thing happens when a doctor's schedule is deleted from the database. All the affected reservations are likewise, removed and users with mobile phone numbers stored in the database are notified via SMS. A sample SMS notification is shown in figure 50.

```
----------OHCMARS----------
The schedule of Dr. Achilles
Cortes was updated. Your
reservation was affected
and was automatically
removed from the
database. OHCMARS


Options              Back
```
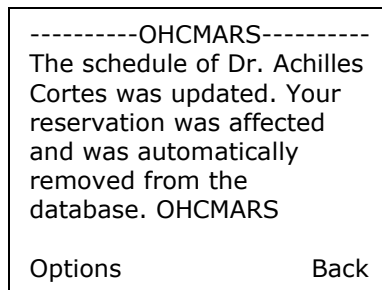
Figure 50: SMS Notification for Edit/Delete Doctor's Schedule, OHCMARS

Figure 51 notifies the users who own pending reservations that are affected by the deletion of a doctor from the database. If the system founds out that the deletion process can affect an approved reservation, it will ask the system administrator first to input a "substitute" doctor. After which, the actual deletion process follows. SMS notification for affected approved reservations is shown in figure 52.

```
----------OHCMARS----------        ----------OHCMARS----------
(1/2) Dr. Achilles Cortes          (2/2) a pending status, with
was removed from our               the doctor mentioned, was
database as an affiliated           also removed. OHCMARS
doctor under General
Santos Doctors Hospital,
MaxiCare. Your reservation
which has a
Options              Back          Options              Back
```
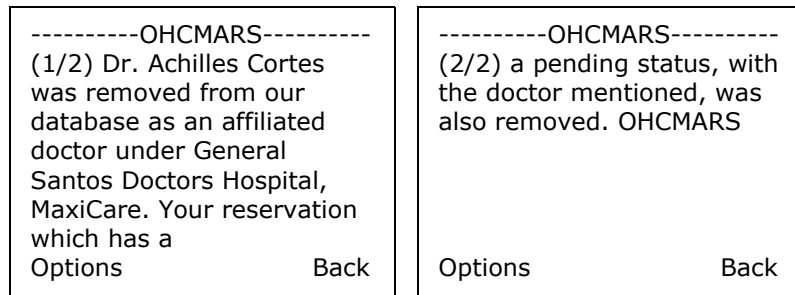
Figure 51: SMS Notification for Pending Reservations on Delete Doctor Process,

OHCMARS

```
----------OHCMARS----------        ----------OHCMARS----------
(1/2) Dr. Achilles Cortes          (2/2) final as Dr. Achilles
was removed from our               Cortes will be substituted
database as an affiliated           by Dr. Abraham Mercado.
doctor under General               OHCMARS
Santos Doctors Hospital,
MaxiCare. Reserved
appointment is still
Options              Back          Options              Back
```
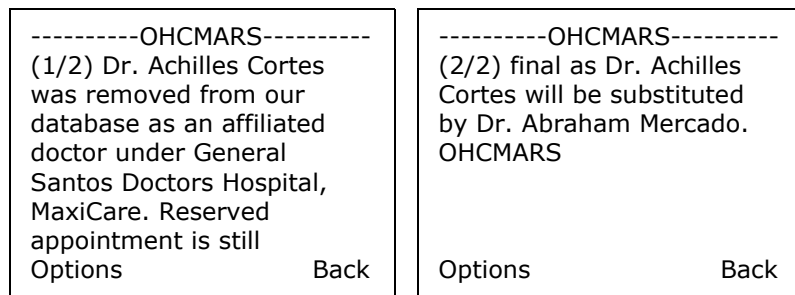
Figure 52: SMS Notification for Approved Reservations on Delete Doctor Process,

OHCMARS

When a hospital is removed from the database, affected approved and pending reservations are likewise deleted from the database. The system will ask first the system administrator to suggest a hospital where users can make new reservations. Figure 53 is a sample SMS notification sent to users affected by the delete hospital process.

```
----------OHCMARS----------        ----------OHCMARS----------
(1/2) General Santos               (2/2) Glan, GenSan City,
Doctors Hospital under             for you to make another
MaxiCare was removed               reservation. OHCMARS
from the database. We
recommend the nearby
hospital, Glan Medical
Center, located at,
Options          Back             Options          Back
```
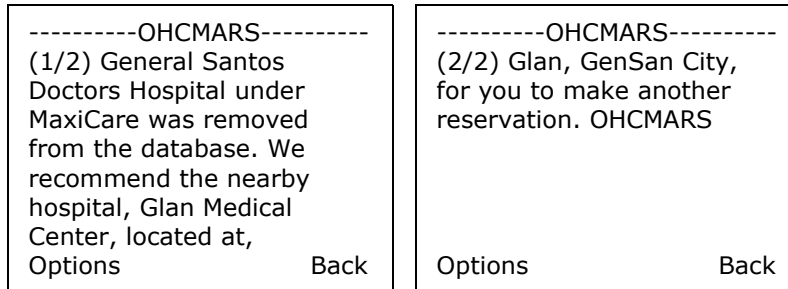
Figure 53: SMS Notification for the Delete Hospital Process, OHCMARS

VI. Discussion

The Online Health Cards Manager and Appointment Reservation System is initially a consolidation of four health cards, namely: MEDICard, MAxiCare, IntelliCare and MedServ. The system administrator can add another healthcard, and another set of hospital and clinics and doctors for this healthcard. The system contains a listing of hospitals and doctors affiliated with the health cards that are included in the system. The user can choose one healthcard, one hospital under the healthcard and one doctor under the hospital and healthcard of his choice. The user can view the schedule of the doctor in the hospital chosen. Aside from all the viewing capabilities, the user can make a reservation through the system. This entails reserving a timeslot for appointment/consultation with the doctor of his choice. The system also features sending of notifications via SMS and electronic mail.

This is advantageous most especially for the health card holders since they don't have to visit a number of sites to inquire on healthcard-hospital-doctor affiliations. With the system's reservation functionality, the card holders are ensured that they will be entertained the moment they come to the doctor's clinic (on the schedule set). Once the registered user is set to an active status, he can then make use of the reservation functionality.

The steps in reserving a timeslot will be done in this manner: first, the user must choose a healthcard. Upon clicking on a certain healthcard, he will be navigated to a page that will display the healthcard's list of affiliated hospitals. The user will be asked to choose one again from this list and upon clicking on a certain hospital, he will be navigated to a page that will ask him to input his preferred date

of consultation and the medical specialization of his choice. Upon submission of the inputs, the system will display the list of doctors affiliated with the hospital, specializing in the field specified and has a schedule on the date the user has entered. The user will have to choose one again from the list. Upon clicking on the code opposite the doctor of his choice, the user will be able to check the doctor's available timeslots on his preferred date of consultation. The user can opt to go on with the date he specified and choose one from the list of available timeslots or specify another date.

OHCMARS entails a lot of tasks for the system administrator. All the updates, any control of the system can only be managed by the system administrator. From this, I can say that the disadvantages of the system are more on the system administrator's side. OHCMARS only incorporates one system administrator to tend to hundreds of doctors and hospitals that needs updates in their respective pieces of information. Aside from that, the process of letting the doctor know of his approved reservations is done manually. It can be suggested that in future developments of this system, a certain functionality will be introduced where the doctor or an HMO coordinator of a certain hospital will play an active role in knowing what are the approved reservations "for this doctor in this hospital on this day".

In general, the system's capabilities can be summarized in the following manner: 1) provide a listing of healthcard-hospital-doctor affilitations, 2) allows a registered user to reserve an available timeslot with his preferred date of consultation/appointment online and ahead of time.

VII. Conclusion

Online Health Cards Manager and Appointment Reservation System is a web-based application which allows users to reserve an appointment with their chosen doctors online and ahead of time. It also allows users to view the listings of healthcard-hospital-doctor affiliations.

With OHCMARS, the users do not have to visit a number of sites to check the listings of affiliated hospitals and doctors since the system incorporated initially, four healthcards which are: MEDICard, MaxiCare, IntelliCare and MedServ. The system administrator can add another healthcard and a set of hospitals and clinics and doctors under this healthcard. The healthcard holders can now make use of the Internet in checking a doctor's availability. Without the limit of office hours, the users can inquire what timeslots are available, what timeslots are already taken. With just a few clicks, the user can make sure that he will be entertained the moment he comes to the doctor's clinic. The user can receive notifications via electronic mail and via SMS too, if the user has specified his mobile phone number the time he registered into the system.

An online system such as the Online Health Cards Manager and Appointment Reservation System is beneficial for the health card holders, since it entails convenience in setting appointments with doctors. They can set an appointment with a doctor without having to call the hospital or HMO coordinator to inquire about the availability of the doctor. In just one sitting, the users can decide which doctor to consult base on his purpose and preferred date of consultation.

VIII. Recommendation

In OHCMARS, the system administrator acts as the middle man. Informing the doctor of the approved reservations is done on a manual process. This process is tedious on the side of the system administrator since the system has more than hundred doctors.

It could helpful to the system administrator if a function will be incorporated in such a way that every affiliated doctor in the database will have access to the system, for him to view his approved reservations. It could also be that there will be a "point-person" per affiliated hospital that would monitor the approved reservations everyday. This "point-person" will be the one who will inform the doctor.

It could also be beneficial if the system will maintain a database of valid healthcard identification numbers to properly screen the users who will avail of the system's reservation functionality.

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X. Appendix (Source Codes)

Note: Source code files are arranged alphabetically and by folder. In the _include folder, the files are arranged alphabetically, in this manner: CSS (cascading style sheets) files, Javascript files, and then the PHP files.

Dumping Schemas

```
# phpMyAdmin MySQL-Dump
# version 2.2.3
# http://phpwizard.net/phpMyAdmin/
# http://phpmyadmin.sourceforge.net/ (download page)
#
# Host: localhost
# Generation Time: Apr 01, 2007 at 05:18 AM
# Server version: 3.23.47
# PHP Version: 4.1.1
# Database : `ohcmars`

# ------------------------------------------------
#
# Table structure for table `doctor`
#

CREATE TABLE doctor (
  doccode varchar(10) NOT NULL default '',
  hospcode varchar(10) NOT NULL default '',
  docfname varchar(50) NOT NULL default '',
  docmname varchar(50) NOT NULL default '',
  doclname varchar(50) NOT NULL default '',
  docspecl varchar(50) NOT NULL default '',
  PRIMARY KEY  (doccode)
) TYPE=MyISAM;


#------------------------------------------------
#
# Table structure for table `dummy_table`
#

CREATE TABLE dummy_table (
  hcname varchar(100) NOT NULL default '',
  hospname varchar(100) NOT NULL default '',
  docname varchar(100) NOT NULL default '',
  reservecode varchar(10) NOT NULL default '',
  usersname varchar(100) NOT NULL default '',
  sched_of_appointment varchar(100) NOT NULL default '',
  time_of_appointment varchar(100) NOT NULL default '',
  date_reservation_made varchar(100) NOT NULL default '',
  time_reservation_made varchar(100) NOT NULL default '',
  status_reservation varchar(100) NOT NULL default ''
) TYPE=MyISAM;

#------------------------------------------------
#
# Table structure for table `healthcard`
#

CREATE TABLE healthcard (
  hccode varchar(100) NOT NULL default '',
  hcname varchar(100) NOT NULL default '',
  hcbenefits longtext NOT NULL,
  hcwebsite varchar(100) NOT NULL default '',
  PRIMARY KEY  (hccode,hcname),
  FULLTEXT KEY hcname (hcname)
) TYPE=MyISAM;

#------------------------------------------------
#
# Table structure for table `healthcard_office`
#

CREATE TABLE healthcard_office (
  officecode varchar(10) NOT NULL default '',
  hospcode varchar(10) NOT NULL default '',
  officename varchar(100) NOT NULL default '',
  officeloc varchar(100) NOT NULL default '',
  PRIMARY KEY  (officecode)
) TYPE=MyISAM;
```

```
#------------------------------------------------
#
# Table structure for table `hospital_clinic`
#

CREATE TABLE hospital_clinic (
  hospcode varchar(10) NOT NULL default '',
  hccode varchar(10) NOT NULL default '',
  hospname varchar(100) NOT NULL default '',
  hosploc varchar(200) NOT NULL default '',
  hcoffice varchar(100) NOT NULL default '',
  PRIMARY KEY  (hospcode,hospname)
) TYPE=MyISAM;

#------------------------------------------------
#
# Table structure for table `reservation`
#

CREATE TABLE reservation (
  reservecode varchar(10) NOT NULL default '',
  desireddate varchar(10) NOT NULL default '',
  desiredmonth varchar(10) NOT NULL default '',
  desiredyear varchar(10) NOT NULL default '',
  schedcode varchar(10) NOT NULL default '',
  datemade varchar(10) NOT NULL default '',
  monthmade varchar(10) NOT NULL default '',
  yearmade varchar(10) NOT NULL default '',
  status varchar(10) NOT NULL default '',
  restime varchar(10) NOT NULL default '',
  hccode varchar(10) NOT NULL default '',
  usercode varchar(10) NOT NULL default '',
  doccode varchar(10) NOT NULL default '',
  hospcode varchar(10) NOT NULL default '',
  hcidnum varchar(50) NOT NULL default '',
  PRIMARY KEY  (reservecode)
) TYPE=MyISAM;

#------------------------------------------------
#
# Table structure for table `schedule`
#

CREATE TABLE schedule (
  schedcode varchar(10) NOT NULL default '',
  doccode varchar(10) NOT NULL default '',
  hospcode varchar(10) NOT NULL default '',
  day varchar(10) NOT NULL default '',
  timecode varchar(10) NOT NULL default '',
  PRIMARY KEY  (schedcode),
  UNIQUE KEY schedcode (schedcode)
) TYPE=MyISAM;

#------------------------------------------------
#
# Table structure for table `system_ad`
#

CREATE TABLE system_ad (
  usercode varchar(50) NOT NULL default '',
  username varchar(50) NOT NULL default '',
  emailaddress varchar(100) NOT NULL default '',
  password varchar(10) NOT NULL default '',
  firstname varchar(100) NOT NULL default '',
  middlename varchar(100) NOT NULL default '',
  lastname varchar(100) NOT NULL default '',
  cellnumber varchar(20) NOT NULL default '',
  PRIMARY KEY  (usercode)
) TYPE=MyISAM;

#------------------------------------------------
#
# Table structure for table `time`
#

CREATE TABLE time (
  timecode varchar(20) NOT NULL default '',
  timename varchar(25) NOT NULL default '',
  PRIMARY KEY  (timecode)
) TYPE=MyISAM;
```

```
#--------------------------------------------------------
#
# Table structure for table `user`
#

CREATE TABLE user (
  usercode varchar(10) NOT NULL default '',
  emailaddress varchar(100) NOT NULL default '',
  password varchar(20) NOT NULL default '',
  firstname varchar(100) NOT NULL default '',
  middlename varchar(100) NOT NULL default '',
  lastname varchar(100) NOT NULL default '',
  cellnumber varchar(15) NOT NULL default '',
  username varchar(100) NOT NULL default '',
  userstatus varchar(20) NOT NULL default '',
  PRIMARY KEY  (usercode,username)
) TYPE=MyISAM;
```

Rootfolder: specialproject/

add_docschedadmin.php

```
<?
/*
add_docschedadmin.php

form when adding a schedule for a doctor
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
include("../specialproject/_include/arrays.php");

$usercode = $_GET['usercode'];
$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$doccode = $_GET['doccode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Add
Schedule</td></tr>";
echo "<tr><td>";

$qry = "select d.*, h.*, hc.* from healthcard as hc, doctor
as d, hospital_clinic as h where d.doccode = '$doccode' and
d.hospcode = '$hospcode' and h.hospcode = '$hospcode'
and h.hccode = '$hccode' and hc.hccode = '$hccode'";
$result = mysql_query($qry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 $fetchnames = mysql_fetch_array($result);
 $docfname = $fetchnames['docfname'];
 $docmname = $fetchnames['docmname'];
 $doclname = $fetchnames['doclname'];
 $hospname = $fetchnames['hospname'];
 $docspecl = $fetchnames['docspecl'];
 $hcname = $fetchnames['hcname'];
}

$docfname2 = ucfirst($docfname);
$docmname2 = ucfirst($docmname);
$doclname2 = ucfirst($doclname);

echo "<center><p class=\"commontext\">Dr. $docfname2
$doclname2 [$doccode]<br>";
echo "$docspecl<br>";
echo "$hospname [$hospcode]<br>";
echo "<html><head><script language=\"Javascript\"
src=\"../specialproject/_include/javascript_fxns.js\"></scri
pt></head><body>";
echo "<form name=\"add_docsched\" method=\"post\"
action=\"\" id=\"add_docsched\"><p>";
echo "<center><p
class=\"commontext\">Day*  ";
echo "<select name=\"day\" size=\"1\"
id=\"day\"></option>";
echo "<option value=\"\" selected></option>";
```

```
echo "<option value=\"Monday\">Monday</option>";
echo "<option value=\"Tuesday\">Tuesday</option>";
echo "<option
value=\"Wednesday\">Wednesday</option>";
echo "<option value=\"Thursday\">Thursday</option>";
echo "<option value=\"Friday\">Friday</option>";
echo "<option value=\"Saturday\">Saturday</option>";
echo "</select>    ";

echo "Timecode*  ";
echo "<select name=\"timecode\" size=\"1\"
id=\"timecode\"></option>";
echo "<option value=\"\" selected></option>";
foreach($tcodes as $key2 => $time)
{
 $qry3 = "select * from time where timecode = '$time'";
 $res3 = mysql_query($qry3);
 $num3 = mysql_num_rows($res3);
 if($num3 != 0)
 {
        $row3 = mysql_fetch_array($res3);
        $timename = $row3['timename'];
 }
 echo "<option value=\"$time\">$timename</option>";
}
echo "</select><br><br>";

echo "<input type=\"hidden\" name=\"doccode\"
value=\"$doccode\">";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\">";
echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
echo "<input type=\"submit\" name=\"submit\"
value=\"submit schedule\" onClick = \"return
add_docschedule();\"><br><br>";
echo "<center><p class=\"linkstext\"><a
href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode\"><font
color=\"#000000\">back</a>";

echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

add_docschedadmin2.php

```
<?
/*
add_docschedadmin2.php

processes the inputs in add_docschedadmin.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_POST['usercode'];
$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$doccode = $_POST['doccode'];
$timecode = $_POST['timecode'];
$day = $_POST['day'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Add
Schedule</td></tr>";
echo "<tr><td>";

$qry = "select d.*, h.*, hc.* from healthcard as hc, doctor
as d, hospital_clinic as h where d.doccode = '$doccode' and
d.hospcode = '$hospcode' and h.hospcode = '$hospcode'
and h.hccode = '$hccode' and hc.hccode = '$hccode'";
$result = mysql_query($qry, $dbaseconnect);
$numrows = mysql_num_rows($result);
```

```php
if($numrows != 0)
{
 $fetchnames = mysql_fetch_array($result);
 $docfname = $fetchnames['docfname'];
 $docmname = $fetchnames['docmname'];
 $doclname = $fetchnames['doclname'];
 $hospname = $fetchnames['hospname'];
 $docspecl = $fetchnames['docspecl'];
 $hcname = $fetchnames['hcname'];
}

$docfname2 = ucfirst($docfname);
$docmname2 = ucfirst($docmname);
$doclname2 = ucfirst($doclname);

include("../specialproject/_include/random_codegen.php");

$qry2 = "select * from schedule where schedcode =
'$code'";
$res2 = mysql_query($qry2);
$num2 = mysql_num_rows($res2);
while($num2 != 0)
{

include("../specialproject/_include/random_codegen.php");
}

$qry1 = "select * from schedule where doccode =
'$doccode' and day = '$day' and timecode = '$timecode'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 echo "<center><p class=\"commontext\">The schedule
set cannot be allowed for Dr. docfname2 doclname2.
System found that schedule already exists for Dr.
$docfname2 $doclname2.<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&timecode=
$timecode&day=$day\"><font
color=\"#000000\">back</a>";
}
else
{
 $insertqry = "insert into schedule (doccode, hospcode,
schedcode, day, timecode) values ('$doccode', '$hospcode',
'$code', '$day', '$timecode')";
 mysql_query($insertqry);

 echo "<center><p class=\"commontext\">Schedule
successfully added under $docfname2
$doclname2.<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"add_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode\"><font color=\"#000000\">add
another schedule</a><br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&timecode=
$timecode&day=$day\"><font
color=\"#000000\">back</a>";
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

add_doctor2.php

```php
<?
/*
add_doctor2.php

processes the inputs in adddoctor.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
```

```php
include("../specialproject/_include/arrays.php");

$firstname = $_POST['firstname'];
$middlename = $_POST['middlename'];
$lastname = $_POST['lastname'];
$specl = $_POST['specl'];
$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$usercode = $_POST['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Add
Doctor</td></tr>";
echo "<tr><td>";


include("../specialproject/_include/random_codegen.php");

$hcnameqry = "select hc.*, h.hospname from healthcard as
hc, hospital_clinic as h where hc.hccode = '$hccode' and
h.hospcode = '$hospcode'";
$nameres = mysql_query($hcnameqry, $dbaseconnect);
$numrow = mysql_num_rows($nameres);
if($numrow != 0)
{
 $fetchname = mysql_fetch_array($nameres);
 $hcname = $fetchname['hcname'];
 $hospname = $fetchname['hospname'];
}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br>";

$codeqry = "select * from hospital_clinic where hospcode =
'$code'";
$coderes = mysql_query($codeqry, $dbaseconnect);
$num = mysql_num_rows($coderes);
while($num != 0)
{

include("../specialproject/_include/random_codegen.php");
}

$docqry = "select * from doctor where docfname =
'$firstname' and doclname = '$lastname' and hospcode =
'$hospcode'";
$res = mysql_query($docqry, $dbaseconnect);
$num = mysql_num_rows($res);
if($num != 0)
{
 echo "<br>The doctor's name under $hospname and
$hcname already exists.<br><br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_doctor" method="post" action=""
id="add_doctor">
<?
echo "<center><p class=\"commontext\">First
name*   <input type=\"text\"
name=\"firstname\" maxlength=\"50\"
value=\"$firstname\"><br><br>";
echo "Middle name   <input
type=\"text\" name=\"middlename\" maxlength=\"50\"
value=\"$middlename\"><br><br>";
echo "Last name*   <input type=\"text\"
name=\"lastname\" maxlength=\"50\"
value=\"$lastname\"><br><br>";
echo "Specialization*   <select
name=\"specl\">";
echo "<option value=\"\"></option>";
foreach($specl_array as $key1 => $specl2)
{
 if($specl == $specl2)
```

```php
   {
            echo "<option value=\"$specl2\"
selected>$specl2</option>";
   }
   else
   {
            echo "<option
value=\"$specl2\">$specl2</option>";
   }
 }
 echo "</select>";
 echo "<p class=\"italictext\">* indicates a required
field</p>";
?>
 <input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
 <input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
 <input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
  <p>
<?
 echo "<input type=\"submit\" name=\"submit\"
value=\"add doctor\" onClick=\"return
adddoctor();\">      "
;
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
?>
  </p>
</form>
</body>
</html>
<?
 }
 else
 {
 $insertqry = "insert into doctor (doccode, hospcode,
docfname, docmname, doclname, docspecl) values ('$code',
'$hospcode', '$firstname', '$middlename','$lastname',
'$specl')";
 mysql_query($insertqry);


 $firstname = ucfirst($firstname);
 $middlename = ucfirst($middlename);
 $lastname = ucfirst($lastname);

 echo "Doctor's name: Dr. $firstname $middlename
$lastname [$code]<br>Specialization: $specl<br><br>";
 echo "The information about new hospital has been
successfully added under $hospname and
$hcname.<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
 }
 echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>
```

add_healthcard.php

```php
<?
/*
add_healthcard.php

form when adding a healthcard
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];
```

```php
 echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
 echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Add New Health
Card</td></tr>";
 echo "<tr><td>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_healthcard" method="post" action=""
id="add_healthcard">
<?
 echo "<center><table cellpadding=\"10\">";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font color=\"#990000\">Health
Card Name*</td><td><input type=\"text\"
name=\"hcname\" maxlength=\"20\"></td></tr>";
 echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font
color=\"#CCCCCC\">Website*</td><td><input
type=\"text\" name=\"website\"
maxlength=\"50\"></td></tr>";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Services*</td><td><center><textare
a name=\"services\" cols=\"50\"
rows=\"10\"></textarea></td></tr>";
 echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
 echo "</table><br><br>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"add healthcard\" onclick=\"return
addhealthcard();\">";
 echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";
 echo "</td></tr></table>";
?>
</form>
</body>
</html>
<?
include("../specialproject/_include/bottom_design.php");
?>
```

add_healthcard2.php

```php
<?
/*
add_healthcard2.php

processes the inputs in add_healthcard.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_POST['usercode'];
$services = $_POST['services'];
$website = $_POST['website'];
$hcname = $_POST['hcname'];

 echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
 echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Add New Health
Card</td></tr>";
 echo "<tr><td>";

$qry1 = "select * from healthcard where hcname =
'$hcname'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
```

78

```php
 echo "<center><p class=\"commontext\">The name of
the healthcard already exists in the database.";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_healthcard" method="post" action=""
id="add_healthcard">
<?
 echo "<center><table cellpadding=\"10\">";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font color=\"#990000\">Health
Card Name*</td><td><input type=\"text\"
name=\"hcname\" maxlength=\"20\"></td></tr>";
 echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font
color=\"#CCCCCC\">Website*</td><td><input
type=\"text\" name=\"website\" value=\"$website\"
maxlength=\"50\"></td></tr>";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Services*</td><td><center><textare
a name=\"services\" cols=\"50\"
rows=\"10\">$services</textarea></td></tr>";
 echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
 echo "</table><br><br>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"add healthcard\" onclick=\"return
addhealthcard();\">";
 echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";
 echo "</td></tr></table>";
 echo "</form></body></html>";

}
else
{
 $qry2  = "select * from healthcard where hccode != "";
 $res2 = mysql_query($qry2, $dbaseconnect);
 $num2 = mysql_num_rows($res2);

 $hcode = $num2 + 1;

 $insertqry = "insert into healthcard (hcname, hcwebsite,
hccode, hcbenefits) values ('$hcname', '$website', '$hcode',
'$services')";
 mysql_query($insertqry);

 echo "<center><p class=\"commontext\">You have
successfully added the new healthcard in the database.";
 echo "<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";
}

 echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

add_hospital2.php

```php
<?
/*
add_hospital2.php

processes the inputs in addhospital.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hospname = $_POST['hospname'];
```

```php
$hosploc = $_POST['hosploc'];
$hcoffice = $_POST['hcoffice'];
$outoffice1 = $_POST['outoffice1'];
$outoffice2 = $_POST['outoffice2'];
$outoffice3 = $_POST['outoffice3'];
$loc_outoffice1 = $_POST['loc_outoffice1'];
$loc_outoffice2 = $_POST['loc_outoffice2'];
$loc_outoffice3 = $_POST['loc_outoffice3'];
$hccode = $_POST['hccode'];
$usercode = $_POST['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Add
Hospital</td></tr>";
echo "<tr><td>";


include("../specialproject/_include/random_codegen.php");

$hcnameqry = "select * from healthcard where hccode =
'$hccode'";
$nameres = mysql_query($hcnameqry, $dbaseconnect);
$numrow = mysql_num_rows($nameres);
if($numrow != 0)
{
 $fetchname = mysql_fetch_array($nameres);
 $hcname = $fetchname['hcname'];
 $hospcount = $fetchname['hospcount'];
}

$codeqry = "select * from hospital_clinic where hospcode =
'$code'";
$coderes = mysql_query($codeqry, $dbaseconnect);
$num = mysql_num_rows($coderes);
while($num != 0)
{

include("../specialproject/_include/random_codegen.php");
}

$hospnameqry = "select * from hospital_clinic where
hospname = '$hospname' and hccode = '$hccode'";
$res = mysql_query($hospnameqry, $dbaseconnect);
$num = mysql_num_rows($res);
if($num != 0)
{
 echo "<center><p class=\"commontext\">The hospital's
name under $hcname already exists.<br><Br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_hospital" method="post" action=""
id="add_hospital">
<?
 echo "<center><p
class=\"commontext\">Name*   <input
type=\"text\" name=\"hospname\" maxlength=\"100\"
value=\"$hospname\"><br><br>";
 echo "Location*   <input type=\"text\"
name=\"hosploc\" maxlength=\"100\"
value=\"$hosploc\"><br><br>";
 echo "$hcname's office inside the
hospital   <input type=\"text\"
name=\"hcoffice\" maxlength=\"100\"
value=\"$hcoffice\">";
 echo "<br><br>If $hcname has no office inside the
hospital, please fill out the spaces intended for $hcname
offices outside of the hospital.<br><br>";
 echo "$hcname's office outside the hospital<br><br>";
 echo "Office 1 Name   <input
type=\"text\" name=\"outoffice1\" maxlength=\"100\"
value=\"$outoffice1\">";
 echo
"<br><br>   Location  &nbs
```

79

```php
p;<input type=\"text\" name=\"loc_outoffice1\"
maxlength=\"100\" value=\"$loc_outoffice1\"><br><br>";
 echo "Office 2 Name   <input
type=\"text\" name=\"outoffice2\" maxlength=\"100\"
value=\"$outoffice2\">";
 echo
"<br><br>   Location  &nbs
p;<input type=\"text\" name=\"loc_outoffice2\"
maxlength=\"100\" value=\"$loc_outoffice2\"><br><br>";
 echo "Office 3 Name   <input
type=\"text\" name=\"outoffice3\" maxlength=\"100\"
value=\"$outoffice3\">";
 echo
"<br><br>   Location  &nbs
p;<input type=\"text\" name=\"loc_outoffice3\"
maxlength=\"100\" value=\"$loc_outoffice3\"><br><br>";
 echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
 echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
 echo "</p>";
 echo "<p class=\"italictext\">* indicates a required
field</p>";
 echo "<p>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"add hospital\" onClick=\"return
addhospital();\">      
";
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
 echo "</p>";
 echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";
 ?>
</form>
</body>
</html>

<?

}
else
{
 if($hcoffice != '')
 {
        $insertqry = "insert into hospital_clinic
(hospcode, hccode, hospname, hosploc, hcoffice) values
('$code', '$hccode', '$hospname', '$hosploc', '$hcoffice')";
        mysql_query($insertqry);
        echo "<center><p class=\"commontext\">The
information about the new hospital has been successfully
added under $hcname.<br><br>";
        echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";

        $hospcount = $hospcount + 1;
        $updateqry = "update healthcard set hospcount
= '$hospcount' where hccode = '$hccode'";
        mysql_query($updateqry);
 }
 elseif($hcoffice == '')
 {
        $insertqry = "insert into hospital_clinic
(hospcode, hccode, hospname, hosploc, hcoffice) values
('$code', '$hccode', '$hospname', '$hosploc', '')";
        mysql_query($insertqry);

        if($outoffice1 != '')
        {
                $random_id_length = 7;
                //generate a random id encrypt it and
store it in $code
                $code1 = crypt(uniqid(rand(),1));
                //to remove any slashes that might
have come
                $code1 =
strip_tags(stripslashes($code1));
```

```php
                //Removing any . or / and reversing
the string
                $code1 = str_replace(".","",$code1);
                $code1 = strrev(str_replace("/","",
$code1));
                //finally take the first 5 characters
from the $reservecode
                $code1 =
substr($code1,0,$random_id_length);

                $insertqry1 = "insert into
healthcard_office (officecode, hospcode, officename,
officeloc) values ('$code1', '$code', '$outoffice1',
'$loc_outoffice1')";
                mysql_query($insertqry1);
        }

        if($outoffice2 != '')
        {
                $random_id_length = 7;
                //generate a random id encrypt it and
store it in $code
                $code2 = crypt(uniqid(rand(),1));
                //to remove any slashes that might
have come
                $code2 =
strip_tags(stripslashes($code2));
                //Removing any . or / and reversing
the string
                $code2 = str_replace(".","",$code2);
                $code2 = strrev(str_replace("/","",
$code2));
                //finally take the first 5 characters
from the $reservecode
                $code2 =
substr($code2,0,$random_id_length);

                $insertqry2 = "insert into
healthcard_office (officecode, hospcode, officename,
officeloc) values ('$code2', '$code', '$outoffice2',
'$loc_outoffice2')";
                mysql_query($insertqry2);
        }

        if($outoffice3 != '')
        {
                $random_id_length = 7;
                //generate a random id encrypt it and
store it in $code
                $code3 = crypt(uniqid(rand(),1));
                //to remove any slashes that might
have come
                $code3 =
strip_tags(stripslashes($code3));
                //Removing any . or / and reversing
the string
                $code3 = str_replace(".","",$code3);
                $code3 = strrev(str_replace("/","",
$code3));
                //finally take the first 5 characters
from the $reservecode
                $code3 =
substr($code3,0,$random_id_length);

                $insertqry3 = "insert into
healthcard_office (officecode, hospcode, officename,
officeloc) values ('$code3', '$code', '$outoffice3',
'$loc_outoffice3')";

                mysql_query($insertqry3);
        }

        $hospcount = $hospcount + 1;
        $updateqry = "update healthcard set hospcount
= '$hospcount' where hccode = '$hccode'";
        mysql_query($updateqry);
        echo "<center><p class=\"commontext\">The
information about the new hospital has been successfully
added under $hcname.<br><br>";
        echo "<center><p class=\"linkstext\"><a
href=\"addhospital.php?
```

```
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">add another hospital</a><br><br>";
            echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";

 }
}
echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>
```

adddoctor.php

```
<?
/*
adddoctor.php

form when adding a doctor
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
include("../specialproject/_include/arrays.php");

$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Add
Doctor</td></tr>";
echo "<tr><td>";


$hcnameqry = "select hc.hcname, h.hospname from
healthcard as hc, hospital_clinic as h where hc.hccode =
'$hccode' and h.hospcode = '$hospcode'";
$res = mysql_query($hcnameqry, $dbaseconnect);
$nums = mysql_num_rows($res);
if($nums != 0)
{
 $fetchname = mysql_fetch_array($res);
 $hcname = $fetchname[hcname];
 $hospname = $fetchname[hospname];
 $doccount = $fetchname[doccount];
}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospitals' name:
$hospname [$hospcode]<br><br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_doctor" method="post" action=""
id="add_doctor">
<?
echo "<center><p class=\"commontext\">First
name*   <input type=\"text\"
name=\"firstname\" maxlength=\"100\"><br><br>";
echo "Middle name   <input
type=\"text\" name=\"middlename\"
maxlength=\"100\"><br><br>";
echo "Last name*   <input type=\"text\"
name=\"lastname\" maxlength=\"100\"><br><br>";
echo "Specialization*   <select
name=\"specl\">";
echo "<option value=\"\"></option>";
foreach($specl_array as $key1 => $specl)
{
 echo "<option value=\"$specl\">$specl</option>";
}
echo "</select><br><br>";
```

```
echo "<p class=\"italictext\">* indicates a required
field</p>";
?>
<input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
<input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
<input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
 <p>
<?
 echo "<input type=\"submit\" name=\"submit\"
value=\"add doctor\" onClick=\"return
adddoctor();\">      "
;
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
?>
 </p>
</form>
</body>
</html>
<?
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

addhospital.php

```
<?
/*
addhospital.php

form when adding a hospital
*/
include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET['hccode'];
$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Add
Hospital</td></tr>";
echo "<tr><td>";


$hcnameqry = "select hcname from healthcard where
hccode = '$hccode'";
$res = mysql_query($hcnameqry, $dbaseconnect);
$nums = mysql_num_rows($res);
if($nums != 0)
{
 $fetchname = mysql_fetch_array($res);
 $hcname = $fetchname[hcname];
}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_hospital" method="post" action=""
id="add_hospital">
<?
echo "<center><p
class=\"commontext\">Name*   <input
type=\"text\" name=\"hospname\"
maxlength=\"100\"><br><br>";
```

```php
echo "Location*   <input type=\"text\"
name=\"hosploc\" maxlength=\"100\"><br><br>";
echo "$hcname's office inside the
hospital   <input type=\"text\"
name=\"hcoffice\" maxlength=\"100\">";
echo "<br><br>If $hcname has no office inside the
hospital, please fill out the spaces intended for $hcname
offices outside of the hospital.<br><br>";
echo "$hcname's office outside the hospital<br><br>";
echo "Office 1 Name   <input
type=\"text\" name=\"outoffice1\" maxlength=\"100\">";
echo
"<br><br>   Location  &nbs
p;<input type=\"text\" name=\"loc_outoffice1\"
maxlength=\"100\"><br><br>";
echo "Office 2 Name   <input
type=\"text\" name=\"outoffice2\" maxlength=\"100\">";
echo
"<br><br>   Location  &nbs
p;<input type=\"text\" name=\"loc_outoffice2\"
maxlength=\"100\"><br><br>";
echo "Office 3 Name   <input
type=\"text\" name=\"outoffice3\" maxlength=\"100\">";
echo
"<br><br>   Location  &nbs
p;<input type=\"text\" name=\"loc_outoffice3\"
maxlength=\"100\"><br><br>";
echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "</p>";
echo "<p class=\"italictext\">* indicates a required
field</p>";
echo "<p>";
echo "<input type=\"submit\" name=\"submit\"
value=\"add hospital\" onClick=\"return
addhospital();\">      
";
echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";
echo "</p>";
?>
</form>
</body>
</html>
<?
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

addoffice2.php

```php
<?
/*
addoffice2.php

adds an office when you choose to add a new healthcard
office instead of filling out the HC office field.
*/
include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hospname = $_POST['hospname'];
$hosploc = $_POST['hosploc'];
$hcoffice = $_POST['hcoffice'];
$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$officename = $_POST['officename'];
$officeloc = $_POST['officeloc'];
$usercode = $_POST['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Office</td></tr>";
echo "<tr><td>";
```

```php
$qry = "select h.*, hc.* from healthcard as hc,
hospital_clinic as h where h.hospcode = '$hospcode' and
hc.hccode = '$hccode' and h.hccode = '$hccode'";
$res = mysql_query($qry, $dbaseconnect);
$num = mysql_num_rows($res);
if($num != 0)
{
 $fetcharray = mysql_fetch_array($res);
 $hcname = $fetcharray[hcname];
 $hospname = $fetcharray[hospname];
}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br>";

$qry1 = "select * from healthcard_office where officename
= '$officename'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 echo "<center><p class=\"commontext\">The name has
already been used by another office outside of a
hospital.<br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_office" method="post" action=""
id="add_office">
<?
echo "<center><p class=\"commontext\">Office's
name:   <input type=\"text\"
name=\"officename\" maxlength=\"100\"><br><br>";
echo "Office's location:   <input
type=\"text\" name=\"officeloc\"
maxlength=\"100\"><br><br>";
?>
<input type="hidden" name="hccode" value="<? echo
$hccode" ;?>">
<input type="hidden" name="hospcode" value="<? echo
$hospcode" ;?>">
<input type="hidden" name="officecode" value="<? echo
$officecode" ;?>">
<input type="hidden" name="usercode" value="<? echo
$usercode" ;?>">
 <p>
<?
 echo "<p class=\"italictext\">* indicates a required
field</p>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"submit form\" onClick=\"return
addoffice2();\">      "
;
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&officecode=$officecode\"><font
color=\"#000000\">back</a><br><br>";
?>
 </p>
</form>
</body>
</html>
<?
}
else
{
 $qry2 = "update hospital_clinic set hcoffice = '' where
hospcode = '$hospcode' and hccode = '$hccode'";
 mysql_query($qry2);


include("../specialproject/_include/random_codegen.php");
```

```php
$insertoffice = "insert into healthcard_office (officecode,
hospcode, officename, officeloc) values
('$code','$hospcode','$officename','$officeloc')";
 mysql_query($insertoffice);

 $delqry = "delete from healthcard_office where officecode
= '$officecode' and hospcode = '$hospcode'";
 mysql_query($delqry);

 echo "$hcname's office outside of $hospname:
$officename [$code]<br>";
 echo "<center><p class=\"commontext\">The outside
offices corresponding to this hospital has also been
deleted.<br>";
 echo "You have succcessfully added an office under
$hospname, $hcname.<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&officecode=$officecode\"><font
color=\"#000000\">back</a><br><br>";

}

echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

addoutoffice.php

```php
<?
/*
addoutoffice.php

form when adding a healthcard office outside of the hospital
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Add Healthcard Office
Outside of the Hospital</td></tr>";
echo "<tr><td>";

$qry = "select h.*, hc.* from healthcard as hc,
hospital_clinic as h where h.hospcode = '$hospcode' and
hc.hccode = '$hccode' and h.hccode = '$hccode'";
$res = mysql_query($qry, $dbaseconnect);
$num = mysql_num_rows($res);
if($num != 0)
{
 $fetcharray = mysql_fetch_array($res);
 $hcname = $fetcharray[hcname];
 $hospname = $fetcharray[hospname];
 $hcoffice = $fetcharray[hcoffice];
}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]";

if($hcoffice == '')
{
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_office" method="post" action=""
id="add_office">
```

```php
<?
echo "<center><p class=\"commontext\">Office's
name*   <input type=\"text\"
name=\"officename\" maxlength=\"100\"><br><br>";
echo "Office's location*   <input
type=\"text\" name=\"officeloc\"
maxlength=\"100\"><br><br>";
echo "<p class=\"italictext\">* indicates a required
field</p>";
echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\">";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "<p>";
echo "<input type=\"submit\" name=\"submit\"
value=\"add office\" onClick=\"return
addoffice();\">      ";
echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br>";
echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
?>
  </p>
</form>
</body>
</html>
<?
}
else
{
 echo "<br><br>System found out that $hcname has an
office inside of $hospname. This must be deleted first to
give way for the new $hcname office outside of $hospname.
Proceed with the deletion?";
?>
<html>
<head>
<script></script>
</head>
<body>
<form name="edithospinfo" method="post"
action="addoutoffice2.php" id="edithospinfo">
<input type="hidden" name="hccode" value="<? echo
$hccode" ;?>">
<input type="hidden" name="hospcode" value="<? echo
$hospcode" ;?>">
<input type="hidden" name="usercode" value="<? echo
$usercode" ;?>">
<?
echo "<input type=\"radio\" name=\"answer\"
value=\"yes\">yes<br>";
echo "<input type=\"radio\" name=\"answer\"
value=\"no\">no<br><br>"
?>
<input type="submit" name="submit" value="submit
answer">
</form>
</body>
</html>
<?
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");

?>
```

addoutoffice2.php

```php
<?
/*
addoutoffice2.php

processes the inputs in addoutoffice.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
```

```php
$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$usercode = $_POST['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Add HealthCard Office
outside of the Hospital</td></tr>";
echo "<tr><td>";

$qry = "select h.*, hc.* from healthcard as hc,
hospital_clinic as h where h.hospcode = '$hospcode' and
hc.hccode = '$hccode' and h.hccode = '$hccode'";
$res = mysql_query($qry, $dbaseconnect);
$num = mysql_num_rows($res);
if($num != 0)
{
 $fetcharray = mysql_fetch_array($res);
 $hcname = $fetcharray[hcname];
 $hospname = $fetcharray[hospname];
 $hcoffice = $fetcharray[hcoffice];
}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]";

if($answer == 'yes')
{
 echo "<br><br>$hcname office inside of $hospname has
already been deleted. You can now go on with the addition
of the new $hcname office outside of $hospname.<br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_office" method="post" action=""
id="add_office">
<?
echo "<center><p
class=\"commontext\">Name*   <input
type=\"text\" name=\"officename\"
maxlength=\"100\"><br><br>";
echo "Location*   <input type=\"text\"
name=\"officeloc\" maxlength=\"100\"><br><br>";
echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\">";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "<p class=\"italictext\">* indicates a required
field</p>";
echo "<p>";
echo "<input type=\"submit\" name=\"submit\"
value=\"add office\" onClick=\"return
addoffice();\">      ";
echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br>";
?>
 </p>
</form>
</body>
</html>
<?
}
elseif($answer == 'no' || $answer == '')
{
 echo "<center><p class=\"commontext\">You have
preferred to retain $hcname's office inside
$hospname.<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=managehospitals.php?
usercode=$usercode&hccode=$hccode><font
```

```php
color=\"#000000\">Please click on me to go back on the
list of hospitals.</a>";
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

addoutside_office.php

```php
<?
/*
addoutside_office.php

form when adding a healthcard office outside of the hospital
- when system administrator wants to edit information
about a hospital which has a healthcard office inside.
System administrator leaves the HCoffice field blank. To go
on with the information update, the system administrator
must add a healthcard office outside of the hospital.
edit_hospitalinfo.php -> edit_hospitalinfo2.php ->
addoutside_office.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$answer = $_POST['answer'];
$hospname = $_POST['hospname'];
$hosploc = $_POST['hosploc'];
$hcoffice = $_POST['hcoffice'];
$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$usercode = $_POST['usercode'];

$hospquery = "select h.*, hc.* from hospital_clinic as h,
healthcard as hc where hc.hccode = '$hccode' and
h.hospcode = '$hospcode' and h.hccode = '$hccode'";
$result = mysql_query($hospquery, $dbaseconnect);
$num = mysql_num_rows($result);
if($num != 0)
{
 $fetchresult = mysql_fetch_array($result);
 $hospname = $fetchresult[hospname];
 $hcname = $fetchresult[hcname];
}

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update Hospital
Information</td></tr>";
echo "<tr><td>";
echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br>";

if($answer == 'yes')
{
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_office" method="post" action=""
id="add_office">
<?
echo "<center><p class=\"commontext\">Office's
name*   <input type=\"text\"
name=\"officename\" maxlength=\"50\"><br><br>";
echo "Office's location*   <input
type=\"text\" name=\"officeloc\"
maxlength=\"50\"><br><br>";
?>
<input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
<input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
```

```php
 <input type="hidden" name="hospname" value="<? echo
"$hospname" ;?>">
 <input type="hidden" name="hcoffice" value="<? echo
"$hcoffice" ;?>">
 <input type="hidden" name="hosploc" value="<? echo
"$hosploc" ;?>">
 <input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
 <p>
<?
 echo "<input type=\"submit\" name=\"submit\"
value=\"add healthcard office\" onClick=\"return
addoffice();\">     ";
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
?>
 </p>
</form>
</body>
</html>
<?
}
elseif($answer == 'no' || $answer == '')
{
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="edithospinformation" method="post"
action="" id="edithospinformation">
<?
 echo "<center><p
class=\"commontext\">Name*   <input
type=\"text\" name=\"hospn\" value=\"$hospname\"
maxlength=\"50\"><br><br>";
 echo "Location*   <input type=\"text\"
name=\"hosploc\" maxlength=\"200\"
value=\"$hosploc\"><br><br>";
 echo "HCoffice   <input type=\"text\"
name=\"hcoffice\" maxlength=\"200\"
value=\"$hcoffice\"><br><br>";
?>
 <input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
 <input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
 <input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
 <p>
<?
 echo "<input type=\"submit\" name=\"submit\"
value=\"edit office information\" onClick=\"return
edithospinfo();\">     &nbsp
;";
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
?>
 </p>
</form>
</body>
</html>
<?
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

addoutside_office2.php

```php
<?
/*
addoutside_office2.php

processes the inputs in addoutside_office2.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hospname = $_POST['hospname'];
$hosploc = $_POST['hosploc'];
$hcoffice = $_POST['hcoffice'];
$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$officename = $_POST['officename'];
$officeloc = $_POST['officeloc'];
$usercode = $_POST['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Add HealthCard Office
outside of Hospital</td></tr>";
echo "<tr><td>";

$qry = "select h.*, hc.* from healthcard as hc,
hospital_clinic as h where h.hospcode = '$hospcode' and
hc.hccode = '$hccode' and h.hccode = '$hccode'";
$res = mysql_query($qry, $dbaseconnect);
$num = mysql_num_rows($res);
if($num != 0)
{
 $fetcharray = mysql_fetch_array($res);
 $hcname = $fetcharray[hcname];
 $hospname = $fetcharray[hospname];
}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br>";

$qry1 = "select * from healthcard_office where officename
= '$officename'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 echo "<center><p class=\"commontext\">The name is
already used by another office outside of a hospital.<br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_office" method="post" action=""
id="add_office">
<?
echo "<center><p class=\"commontext\">Office's
name*   <input type=\"text\"
name=\"officename\" maxlength=\"100\"
value=\"$officename\"><br><br>";
echo "Office's location   <input
type=\"text\" name=\"officeloc\" value=\"$officeloc\"
maxlength=\"100\"><br><br>";
echo "<p class=\"italictext\">* indicates a required
field</p>";
?>
 <input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
 <input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
 <input type="hidden" name="hospname" value="<? echo
"$hospname" ;?>">
 <input type="hidden" name="hcoffice" value="<? echo
"$hcoffice" ;?>">
 <input type="hidden" name="hosploc" value="<? echo
"$hosploc" ;?>">
```

85

```
<input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
 <p>
<?
 echo "<input type=\"submit\" name=\"submit\"
value=\"add healthcard office\" onClick=\"return
addoffice();\">      ";
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br>";
?>
 </p>
</form>
</body>
</html>
<?
 echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
}
else
{

include("../specialproject/_include/random_codegen.php");

 $insertoffice = "insert into healthcard_office (officecode,
hospcode, officename, officeloc) values
('$code','$hospcode','$officename','$officeloc')";
 mysql_query($insertoffice);

 $update = "update hospital_clinic set hcoffice = '' where
hospcode = '$hospcode' and hccode = '$hccode'";
 mysql_query($update);

 echo "$hcname's office outside $hospname: $officename
[$code]<br>";

 echo "<center><p class=\"commontext\">You have
succcessfully added an office under $hospname
[$hcname].<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
}
 echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>
```

approve_reservations.php

```
<?
/*
approve_reservations.php

approves reservation requests
*/
include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
include("../specialproject/for_sms.php");

$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$doccode = $_GET['doccode'];
$reservecode = $_GET['reservecode'];
$ucode = $_GET['ucode'];
$timecode = $_GET['timecode'];
$date = $_GET['rdate'];
$schedcode = $_GET['schedcode'];
$month = $_GET['rmonth'];
$year = $_GET['ryear'];
$usercode = $_GET['usercode'];
$frompage = $_GET['frompage'];
$hcidnum = $_GET['hcidnum'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Approve
Reservation</td></tr>";
echo "<tr><td>";
```

```
$qry1 = "select u.*, d.*, h.*, t.*, hc.* from healthcard as
hc, time as t, user as u, doctor as d, hospital_clinic as h
where h.hospcode = '$hospcode' and h.hccode = '$hccode'
and u.usercode = '$ucode' and d.doccode = '$doccode' and
timecode = '$timecode' and hc.hccode = '$hccode'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 $row1 = mysql_fetch_array($res1);
 $email = $row1[emailaddress];
 $firstname = $row1[firstname];
 $middlename = $row1[middlename];
 $lastname = $row1[lastname];
 $docfname = $row1[docfname];
 $docmname = $row1[docmname];
 $doclname = $row1[doclname];
 $hospname = $row1[hospname];
 $timename = $row1[timename];
 $hcname = $row1[hcname];
 $cellnumber = $row1[cellnumber];
}
if($cellnumber != '')
{
 $cellnum = $cellnumber;
}
$docfname = ucfirst($docfname);
$docmname = ucfirst($docmname);
$doclname = ucfirst($doclname);
$docname = "$docfname"." "."$doclname";
$lastname = ucfirst($lastname);
$firstname = ucfirst($firstname);

$name = "$lastname".","."$firstname";

$userids = array();
$reserve = array();
$qry2 = "select * from reservation where schedcode =
'$schedcode' and desireddate = '$date' and desiredmonth =
'$month' and desiredyear = '$year' and reservecode !=
'$reservecode' and status = 'pending' and doccode =
'$doccode' and hospcode = '$hospcode'";
$res2 = mysql_query($qry2, $dbaseconnect);
$num2 = mysql_num_rows($res2);
if($num2 != 0)
 {
          while($row2 = mysql_fetch_array($res2))
          {
                  $userid = $row2[usercode];
                  $resid = $row2[reservecode];

                  array_push($userids, "$userid");
                  array_push($reserve, "$resid");
          }
 }

$emailadd = array();
$name = array();
$cell = array();
foreach($userids as $key => $id)
{
 $qry3 = "select * from user where usercode = '$id'";
 $res3 = mysql_query($qry3, $dbaseconnect);
 $num3 = mysql_num_rows($res3);
 if($num3 != 0)
 {
          while($row3 = mysql_fetch_array($res3))
          {
                  $email2 = $row3[emailaddress];
                  $fname = $row3[firstname];
                  $mname = $row3[middlename];
                  $lname = $row3[lastname];
                  $mobile = $row3[cellnumber];

                  $fname = ucfirst($fname);
                  $mname = ucfirst($mname);
                  $lname = ucfirst($lname);
                  $wholename = "$fname."
"."$mname"." "."$lname";
                  array_push($emailadd, "$email2");
                  array_push($name, "$wholename");
```

```php
					if($mobile != '')
					{
							array_push($cell,
"$mobile");
					}
			}
	}
}

$count = 0;
foreach($reserve as $key3 => $code)
{
 $delqry = "delete from reservation where reservecode =
'$code' and schedcode = '$schedcode' and desireddate =
'$date' and desiredmonth = '$month' and desiredyear =
'$year' and status = 'pending'";
 mysql_query($delqry);
 $count = $count + 1;
}

$updateqry = "update reservation set status = 'approved'
where reservecode = '$reservecode' and usercode =
'$ucode'";
mysql_query($updateqry);

include("../specialproject/_include/class.phpmailer.php");
include("../specialproject/_include/mailInfo.php");

$subject = "OHCMARS Notification";
$message = "Dear $firstname,\n\nThis mail was sent to
inform you that your request for appointment with Dr.
$docname at $hospname, on $month $date, $year, has
been approved.\nThank you for using Online Healthcards
Manager and Appointment Reservation System. It is our
pleasure to serve you.\n\nOHCMARS System
Administrator";

$msgonsendsuccess = "Message sending successful.";

$mail = new PHPMailer();
$mail->IsSMTP(); // telling the class to use SMTP
$mail->Host = $host; // SMTP server
$mail->From = $from;
$mail->AddAddress($email, $name);
$mail->FromName = $fromName;
$mail->Subject = "OHCMARS Notification";
$mail->Body = $message;
$mail->WordWrap = 70;

if(!$mail->Send())
{
 echo "Message was not sent";
 echo "Mailer Error: " . $mail->ErrorInfo;
}
else
{
 print "";
}

$cellno = "+63"."$cellnum";
$msg = "Your request for appointment with Dr. $docname
at $hospname, on $month $date, $year has been approved.
OHCMARS";
send_sms($cellno, $def_coding, $msg);

for($i = 1; $i <= count($emailadd); $i++)
{
 $e = array_pop($emailadd);
 $u = array_pop($name);

 $subject = "OHCMARS Notification";

 $message = "Dear $uname,\n\nThis mail was sent to
inform you that your request for appointment with Dr.
$docname at $hospname, on $month $date, $year, has
been been disapproved.\n\nOHCMARS System
Administrator";

 $mail = new PHPMailer();
 $mail->IsSMTP(); // telling the class to use SMTP
 $mail->Host = $host; // SMTP server
 $mail->From = $from;
 $mail->AddAddress($e, $u);
 $mail->FromName = $fromName;
 $mail->Subject = "OHCMARS Notification";
 $mail->Body = $message;
 $mail->WordWrap = 70;

if(!$mail->Send())
{
		echo "Message was not sent";
		echo "Mailer Error: " . $mail->ErrorInfo;
}
 else
 {
		print "";
 }
}

foreach($cell as $k => $c)
{
 $cellno2 = "+63"."$c";
 $msg2 = "Your request for appointment with Dr.
$docname at $hospname, on $month $date, $year, has
been disapproved. OHCMARS";
 send_sms($cellno2, $def_coding, $msg2);
}

 echo "<center><table cellpadding=10>";
 echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font
color=\"#CCCCCC\">Healthcard</td><td><font
color=\"#CCCCCC\">$hcname</td></tr>";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Hospital's name</td><td><font
color=\"#990000\">$hospname</td></tr>";
 echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font color=\"#CCCCCC\">Doctor's
name</td><td><font
color=\"#CCCCCC\">$docname</td></tr>";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Reservation Code</td><td><font
color=\"#990000\">$reservecode</td></tr>";
 echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font color=\"#CCCCCC\">User's
name</td><td><font color=\"#CCCCCC\">$firstname
$middlename $lastname</td></tr>";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font color=\"#990000\">Health
card ID</td><td><font
color=\"#990000\">$hcidnum</td></tr>";
 echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font
color=\"#CCCCCC\">Schedule of approved
reservation</td><td><font color=\"#CCCCCC\">$month
$date, $year</td></tr>";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font color=\"#990000\">Time of
approved reservation</td><td><font
color=\"#990000\">$timename</td></tr>";
 echo "</table>";

 echo "<center><p class=\"commontext\">$count pending
reservations deleted.<br>List of pending reservations for
$month $date, $year successfully updated.<br><br>";

if($frompage == 'formpending')
{
 echo "<center><p class=\"linkstext\"><a
href=\"manage_pendingreservations.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";
}
elseif($frompage == 'main')
{
 echo "<center><p class=\"linkstext\"><a
href=\"main_sysad.php?usercode=$usercode\"><font
color=\"#000000\">back</a>";
}
elseif($frompage == 'docschedule')
{
```

```php
 echo "<center><p class=\"linkstext\"><a
href=\"view_pendingreservations.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&timecode=
$timecode&frompage=docschedule\"><font
color=\"#000000\">back</a>";
}
 echo "</td></tr></table>";

 include("../specialproject/_include/bottom_design.php");

?>
```

cancel_reservation.php

```php
<?
/*
cancel_reservation.php

form when canceling a reservation, system asks #for the
code of the reservation the user wants to cancel
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

 echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
 echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\"
align=\"center\">Reservation</td></tr>";
 echo "<tr><td>";

$nameqry = "select * from user where usercode =
'$usercode'";
$result = mysql_query($nameqry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 $fetchres = mysql_fetch_array($result);
 $username = $fetchres['username'];
}
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js">
</script>
</head>
<body>
<form name="cancelres" method="get" action=""
id="cancelres">
<?

 echo "<center><p class=\"commontext\"><font color
= \"#000000\">Reservation
code   <input type=\"text\"
name=\"reservecode\"><br><br>";
 echo "<p>";
 echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
 echo "<input type=\"hidden\" name=\"username\"
value=\"$username\">";
 echo "</p>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"cancel reservation\" onClick = \"return
cancelreserve();\">     &nbs
p;";
?>
</p>
</form>
</body>
</html>
<?
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

cancel_reservation2.php

```php
<?
<?
/*
cancel_reservation2.php

processes the user's input in cancel_reservation.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$reservecode = $_GET['reservecode'];
$usercode = $_GET['usercode'];
$username = $_GET['username'];

 echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
 echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\"
align=\"center\">Reservation</td></tr>";
 echo "<tr><td>";

$cancelqry = "select * from reservation where reservecode
= '$reservecode'";
$result = mysql_query($cancelqry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows == 0)
{
 echo "<center><p class=\"commontext\"><font color
= \"#000000\">You have entered a wrong reservation
code.";
}
else
{
 $fetchres = mysql_fetch_array($result);
 $desireddate = $fetchres['desireddate'];
 $desiredmonth = $fetchres['desiredmonth'];
 $desiredyear = $fetchres['desiredyear'];
 $schedcode = $fetchres['schedcode'];
 $datemade = $fetchres['datemade'];
 $monthmade = $fetchres['monthmade'];
 $yearmade = $fetchres['yearmade'];
 $status = $fetchres['status'];
 $restime = $fetchres['restime'];
 $hccode = $fetchres['hccode'];
 $code = $fetchres['usercode'];

 if($usercode == $code)
 {
         $qry = "select u.*, s.* from user as u, schedule
as s where u.usercode = '$usercode' and u.username =
'$username' and s.schedcode = '$schedcode'";
         $res = mysql_query($qry, $dbaseconnect);
         $num = mysql_num_rows($res);
         if($num != 0)
         {
                 $fetch = mysql_fetch_array($res);
                 $firstname = $fetch['firstname'];
                 $middlename = $fetch['middlename'];
                 $lastname = $fetch['lastname'];
                 $emailaddress =
$fetch['emailaddress'];
                 $doccode = $fetch['doccode'];
                 $hospcode = $fetch['hospcode'];
                 $timecode = $fetch['timecode'];
                 $cellnumber = $fetch['cellnumber'];
         }

         $qry1 = "select hc.*, d.*, h.*, t.* from
healthcard as hc, doctor as d, hospital_clinic as h, time as t
where d.doccode = '$doccode' and h.hospcode =
'$hospcode' and t.timecode = '$timecode' and hc.hccode =
'$hccode'";
         $res1 = mysql_query($qry1, $dbaseconnect);
         $num1 = mysql_num_rows($res1);
         if($num1 != 0)
         {
                 $fetch1 = mysql_fetch_array($res1);
                 $docfname = $fetch1['docfname'];
                 $docmname = $fetch1['docmname'];
                 $doclname = $fetch1['doclname'];
                 $hospname = $fetch1['hospname'];
```

```php
            $timename = $fetch1['timename'];
            $hcname = $fetch1['hcname'];
        }

        $firstname = ucfirst($firstname);
        $middlename = ucfirst($middlename);
        $lastname = ucfirst($lastname);
        $docfname = ucfirst($docfname);
        $docmname = ucfirst($docmname);
        $doclname = ucfirst($doclname);

        echo "<center><p class=\"commontext\"><font
color = \"#000000\">Please confirm your request to delete
the details of your reservation.<br><br>";

        echo "<table align=\"center\" cellpadding =
10><p class=\"commontext\">";
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Reservation code</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">$reservecode</td>";
        echo "<tr><td bgcolor=\"#CCCCCC\"><font
color = \"#990000\">Name</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$firstname $middlename
$lastname</td>";
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Username</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">$username</td>";
        echo "<tr><td bgcolor=\"#CCCCCC\"><font
color = \"#990000\">Email Address</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$emailaddress</td>";
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Mobile phone number</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">+63$cellnumber</td>";
        echo "<tr><td bgcolor=\"#CCCCCC\"><font
color = \"#990000\">Doctor</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$docfname $docmname $doclname</td>";
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Hospital</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">$hospname</td>";
        echo "<tr><td bgcolor=\"#CCCCCC\"><font
color = \"#990000\">Date of Cosultation</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$desiredmonth $desireddate,
$desiredyear</td>";
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Time</td><td bgcolor
= \"#990000\"><font color
= \"#CCCCCC\">$timename</font></td>";
        echo "<tr><td bgcolor=\"#CCCCCC\"><font
color = \"#990000\">Health Card</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$hcname</td>";
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Status</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">$status</td>";
        echo "<tr><td colspan=2
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">Reservation was made last $monthmade
$datemade, $yearmade at $restime.</td></tr>";
        echo "</table>";
?>
<html>
<head>
<script>
</script>
</head>
<body>
<form name="cancelres" method="get"
action="confirm_cancellation.php" id="cancelres">
 <p>
  <input type="hidden" name="username" value="<? echo
"$username"; ?>">
  <input type="hidden" name="usercode" value="<? echo
"$usercode"; ?>">
```

```php
  <input type="hidden" name="reservecode" value="<?
echo "$reservecode"; ?>">
  <input type="hidden" name="status" value="<? echo
"$status"; ?>">
  <input type="hidden" name="desireddate" value="<?
echo "$desireddate"; ?>">
  <input type="hidden" name="desiredmonth" value="<?
echo "$desiredmonth"; ?>">
  <input type="hidden" name="desiredyear" value="<?
echo "$desiredyear"; ?>">
 <?
        echo "<input type=\"submit\" name=\"submit\"
value=\"confirm\">";
 ?>
  </p>
</form>
</body>
</html>
<?
 }
 else
 {
        echo "<center><p
class=\"commontext2\"><font color = \"#000000\">You
have entered a wrong reservation code.";
 }
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

check_docspecl_day.php

```php
<?
/*
check_docspecl_day.php

lets the user input the doctor's specialization of his choice
and preferred date of consultation
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];
$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];

$hcnameqry = "select hc.*, h.* from hospital_clinic as h,
healthcard as hc where hc.hccode = '$hccode' and
h.hospcode = '$hospcode'";
$nameres = mysql_query($hcnameqry, $dbaseconnect);
$numrow = mysql_num_rows($nameres);
if($numrow != 0)
{
 $fetchname = mysql_fetch_array($nameres);
 $hcname = $fetchname['hcname'];
 $hospname = $fetchname['hospname'];
}

?>
<html>
<head>
<link href="../specialproject/_include/ohcmars_css.css"
rel="stylesheet" type="text/css">
<script type="text/javascript"
src="../specialproject/_include/calendarDateInput.js">

/************************************************
* Jason's Date Input Calendar- By Jason Moon
http://calendar.moonscript.com/dateinput.cfm
* Script featured on and available at
http://www.dynamicdrive.com
* Keep this notice intact for use.
************************************************/

</script>
</head>
<body onLoad = "month();">

<?
```

```php
echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\"><font
color='#CCCCCC'>List of Doctors</td></tr>";
echo "<tr><td>";

echo "<br><br><center><p
class=\"commontext\">$hospname [$hcname]<br><br>";

@$hospcode = $HTTP_GET_VARS['hospcode'];

$hcquery = mysql_query("select * from doctor where
hospcode = '$hospcode'");
$bgcolor='#CCCCCC';
$fontcolor='#990000';

echo "<form method = \"get\" name = \"check\" action =
'doctors_list.php' id = \"check\">";

$s = array();
while($row3 = mysql_fetch_array($hcquery))
{
$s2 = $row3['docspecl'];
if(in_array($s2, $s))
{
}
else
{
 array_push($s, "$s2");
}
}

echo "<center><table border=0 cellpadding=10>";
echo "<tr bgcolor=$bgcolor>";
echo "<td><font
color=$fontcolor>Specialization*</td><td><select
name='docspecl'>";
echo "<option value=''></option>";
foreach($s as $k => $specl)
{
 echo  "<option value='$specl'>$specl</option>";
}
echo "</select></td></tr>";

echo "<tr bgcolor='#990000'>";
echo "<td><font color='#CCCCCC'>Date*</td><td>";
echo "<script>DateInput('orderdate', true, 'mm-dd-
yyyy')</script><br><input type=\"button\"
onClick=\"alert(this.form.orderdate.value)\" value=\"show
date\">";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\">";
echo "</td></tr>";
echo "</table>";

echo "<p class=\"italictext\">* indicates a required
field</p><br>";
echo "<input type=\"submit\" name=\"submit\"
value=\"check list of doctors\">";
echo "</form></body></html>";
echo "<br><br><a href=\"view_hospitallist.php?
usercode=$usercode&hccode=$hccode\"><p
class=\"linkstext\"><font color=\"#000000\">back</a>";
echo "</td></tr></table>";


include("../specialproject/_include/bottom_design.php");
?>
```

check_timeslots.php

```php
<?
/*
check_timeslots.php
```

displays the doctor's schedule on the user's preferred date
of consultation
```php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];
$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$doccode = $_GET['doccode'];
$day = $_GET['day'];
$docspecl = $_GET['docspecl'];
$date = $_GET['date'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Available
Timeslots</td></tr>";
echo "<tr><td>";

list($mon, $dnum, $year) = split('[/.-]', $date);
include("../specialproject/_include/convertmon.php");
$month = date("F", (mktime(0, 0, 0, $mon, $dnum,
$year)));

$hcnameqry = "select hc.*, h.*, d.* from doctor as d,
hospital_clinic as h, healthcard as hc where hc.hccode =
'$hccode' and h.hospcode = '$hospcode' and d.doccode =
'$doccode'";
$nameres = mysql_query($hcnameqry, $dbaseconnect);
$numrow = mysql_num_rows($nameres);
if($numrow != 0)
{
 $fetchname = mysql_fetch_array($nameres);
 $hcname = $fetchname['hcname'];
 $hospname = $fetchname['hospname'];
 $docfname = $fetchname['docfname'];
 $docmname = $fetchname['docmname'];
 $doclname = $fetchname['doclname'];

 $docfname = ucfirst($docfname);
 $docmname = ucfirst($docmname);
 $doclname = ucfirst($doclname);
}

echo "<center><p class=\"commontext\">Dr. $docfname
$docmname $doclname<br>$docspecl<br>$hospname
[$hcname]<br>$date [$day]<br><br>";

echo "<table cellpadding=10>";
$bgcolor='#990000';
$fontcolor='#CCCCCC';
$timecodes = array();

$qry1 = "select * from time where timecode != ''";
$res1 = mysql_query($qry1);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 while($row1 = mysql_fetch_array($res1))
 {
        $t = $row1['timecode'];
        array_push($timecodes, "$t");
 }
}

foreach($timecodes as $key => $timecode)
{
 $qry2 = "select * from schedule where timecode =
'$timecode' and doccode = '$doccode' and hospcode =
'$hospcode' and day = '$day'";
 $res2 = mysql_query($qry2);
 $num2 = mysql_num_rows($res2);
 if($num2 != 0)
 {
        $row2 = mysql_fetch_array($res2);
        $schedcode = $row2['schedcode'];

        if($bgcolor == '#990000')
        {
```

```php
                    $bgcolor='#CCCCCC';
            }
            else
            {
                    $bgcolor='#990000';
            }

            if($fontcolor == '#CCCCCC')
            {
                    $fontcolor='#993333';
            }
            else
            {
                    $fontcolor='#CCCCCC';
            }

        $qry4 = "select timename from time where
timecode = '$timecode'";
        $res4 = mysql_query($qry4, $dbaseconnect);
        $num4 = mysql_num_rows($res4);
        if($num4!=0)
        {
                $fetchresult4 =
mysql_fetch_array($res4);
                $timename =
$fetchresult4[timename];
        }

        $qry3 = "select * from reservation where
schedcode = '$schedcode' and doccode = '$doccode' and
hospcode = '$hospcode' and desiredmonth = '$month' and
desireddate = '$dnum' and desiredyear = '$year' and status
= 'approved'";
        $res3 = mysql_query($qry3);
        $num3 = mysql_num_rows($res3);
        if($num3 != 0)
        {
                echo "<tr><td
bgcolor=$bgcolor><font
color=$fontcolor>$timename</td><td
bgcolor=$bgcolor><font
color=$fontcolor>taken</td></tr>";
        }
        else
        {
                echo "<tr><td
bgcolor=$bgcolor><font
color=$fontcolor>$timename</td><td
bgcolor=$bgcolor><a
href=\"reserve_availabletimeslot.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&timecode=$timecode&schedcode=$
schedcode&date=$date\"><font
color=$fontcolor>open</a></td></tr>";
        }
  }
}

echo "</table>";
echo "<p class=\"linkstext\"><br><a
href=\"doctors_list.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&docspecl=$docspecl&orderdate=$date\"><font
color=\"#000000\">back</a>";
echo "</td></tr></table>";

include("../specialproject/_include/bottom_design.php");
?>


**confirm_cancellation.php**

<?
/*
confirm_cancellation.php

let's the user confirm his request for cancellation of
reservation
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
```

```php
$reservecode = $_GET['reservecode'];
$usercode = $_GET['usercode'];
$username = $_GET['username'];
$status = $_GET['status'];
$desireddate = $_GET['desireddate'];
$month = $_GET['desiredmonth'];
$desiredyear = $_GET['desiredyear'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\"
align=\"center\">Reservation</td></tr>";
echo "<tr><td>";

if($status == 'pending')
{
 $delqry = "delete from reservation where reservecode =
'$reservecode' and usercode = '$usercode'";
 mysql_query($delqry);

 echo "<center><p class=\"commontext\">You have
successfully cancelled your reservation.";
}
elseif($status == 'approved')
{
 $currdate = date("F j, Y");
 $currmonth = date("F");
 $currdatenum = date("j");
 $curryear = date("Y");

 include("../specialproject/_include/convertmonth.php");

 $onedayb4desiredconsultation = date("F d, Y", mktime(0,
0, 0, "$mon", "$desireddate"-1, "$desiredyear"));
 $onedayb4desiredconsultation2 = mktime(0, 0, 0, "$mon",
"$desireddate"-1, "$desiredyear");
 $currentdate = mktime($currdate);

 if($currentdate > $onedayb4desiredconsultation2)
 {
        echo "<center><p
class=\"commontext\">Cancellation is not allowed
anymore. Reservation is already considered final.";
 }
 elseif($currentdate == $onedayb4desiredconsultation2 ||
$currentdate < $onedayb4desiredconsultation2)
 {
        $delqry = "delete from reservation where
reservecode = '$reservecode' and usercode = '$usercode'";
        mysql_query($delqry);

        echo "<center><p class=\"commontext\">You
have successfully cancelled your reservation.";
 }
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>


**del_doc.php**

<?
/*
del_doc.php

deletes a doctor from the database
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
include("../specialproject/for_sms.php");

$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$doccode = $_GET['doccode'];
$usercode = $_GET['usercode'];

$month = date("F");
$currdate = date("d");
```

```php
$curryear = date("Y");

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Delete
Doctor</td></tr>";
echo "<tr><td>";

include("../specialproject/_include/convertmonth.php");

$mkdate = mktime(0, 0, 0,"$mon", "$currdate",
"$curryear");

$qry0 = "select d.*, h.*, hc.* from healthcard as hc, doctor
as d, hospital_clinic as h where h.hospcode = '$hospcode'
and h.hccode = '$hccode' and d.doccode = '$doccode' and
hc.hccode = '$hccode'";
$res0 = mysql_query($qry0, $dbaseconnect);
$num0 = mysql_num_rows($res0);
if($num0 != 0)
{
 $row0 = mysql_fetch_array($res0);
 $docfname = $row0[docfname];
 $docmname = $row0[docmname];
 $doclname = $row0[doclname];
 $docspecl = $row0[docspecl];
 $hospname = $row0[hospname];
 $hcname = $row0[hcname];
}

$docfname = ucfirst($docfname);
$docmname = ucfirst($docmname);
$doclname = ucfirst($doclname);

$docname = "$docfname"." "."$doclname";

$scode = array();
$qry1 = "select * from schedule where doccode =
'$doccode' and hospcode = '$hospcode'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
while($row1 = mysql_fetch_array($res1))
{
 $id = $row1['schedcode'];
 array_push($scode, "$id");
}

$reserve_approved = array();
$when_approved = array();
foreach($scode as $key => $schedid)
{
 $qry2 = "select * from reservation where schedcode =
'$schedid' and status = 'approved'";
 $res2 = mysql_query($qry2, $dbaseconnect);
 $num2 = mysql_num_rows($res2);
 while($row2 = mysql_fetch_array($res2))
 {
        $rcode_a = $row2[reservecode];
        $desireddate_a = $row2[desireddate];
        $month = $row2[desiredmonth];
        $desiredyear_a = $row2[desiredyear];

include("../specialproject/_include/convertmonth.php");
        $date2 = mktime(0, 0, 0, "$mon",
"$desireddate_a", "$desiredyear_a");

        array_push($reserve_approved, "$rcode_a");
        array_push($when_approved, "$date2");
 }
}
$count = count($when_approved);
$temp = array();

for($i = 1; $i <= $count; $i++)
{
 $mkdate2 = array_pop($when_approved);
 $reservationcode = array_pop($reserve_approved);
 if($mkdate2 > $mkdate)
 {
        array_push($temp, "$reservationcode");
```

```php
 }
}

echo "<center><p class=\"commontext\">Dr. $docfname
$doclname<br>";
echo "$docspecl<br>";
echo "$hospname<br><br>";

$count2 = count($temp);
if($count2 != 0)
{
 echo "<center><p class=\"commontext\">System has
found that there is an approved reservation for Dr.
$docname beyond the current date. Does she/he have a
substitute doctor? ";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="deldoc" method="post"
action="del_doc2.php" id="deldoc">
<input type="radio" name="answer" value="yes">yes
<br>
<input type="radio" name="answer" value="no">no
<br>
<input type="hidden" name="hccode" value="<? echo
"$hccode"; ?>">
<input type="hidden" name="hospcode" value="<? echo
"$hospcode"; ?>">
<input type="hidden" name="doccode" value="<? echo
"$doccode"; ?>">
<input type="hidden" name="docname" value="<? echo
"$docname"; ?>">
<input type="hidden" name="usercode" value="<? echo
"$usercode"; ?>">
<p>
<?      echo "<input type=\"submit\" name=\"submit\"
value=\"submit answer\">" ?>
</p>
</form>
</body>
</html>
<?
}
else
{
 $qry0 = "select d.*, h.*, hc.* from healthcard as hc,
doctor as d, hospital_clinic as h where h.hospcode =
'$hospcode' and h.hccode = '$hccode' and d.doccode =
'$doccode' and hc.hccode = '$hccode'";
 $res0 = mysql_query($qry0, $dbaseconnect);
 $num0 = mysql_num_rows($res0);
 if($num0 != 0)
 {
        $row0 = mysql_fetch_array($res0);
        $docfname = $row0[docfname];
        $docmname = $row0[docmname];
        $doclname = $row0[doclname];
        $hospname = $row0[hospname];
        $hcname = $row0[hcname];
 }

 $docfname = ucfirst($docfname);
 $docmname = ucfirst($docmname);
 $doclname = ucfirst($doclname);

 $ucodes = array();
 $penrescode = array();
 $docname = "$docfname"." "."$doclname";

 $pendingqry = "select * from reservation where doccode
= '$doccode' and status = 'pending'";
 $penres = mysql_query($pendingqry, $dbaseconnect);
 $numres = mysql_num_rows($penres);
 if($numres != 0)
 {
        while($rowres = mysql_fetch_array($penres))
        {
```

```php
                    $rescode = $rowres['reservecode'];
                    $u = $rowres['usercode'];
                    array_push($ucodes, "$u");

                    $delqry3 = "delete from reservation
where reservecode = '$rescode'";
                    mysql_query($delqry3);
            }
    }

    foreach($scode as $key5 => $s)
    {
            $delqry = "delete from schedule where doccode
= '$doccode' and hospcode = '$hospcode' and schedcode =
'$s'";
            mysql_query($delqry);
    }

    $delqry2 = "delete from doctor where doccode =
'$doccode' and hospcode = '$hospcode'";
    mysql_query($delqry2);

    include("../specialproject/_include/class.phpmailer.php");
    include("../specialproject/_include/mailInfo.php");

    $arraycell = array();
    foreach($ucodes as $key5 => $uc)
    {
            $qry9 = "select * from user where usercode =
'$uc'";
            $res9 = mysql_query($qry9, $dbaseconnect);
            $num9 = mysql_num_rows($res9);
            if($num9 != 0)
            {
                    $row9 = mysql_fetch_array($res9);
                    $emailadd = $row9['emailaddress'];
                    $cellnumber = $row9['cellnumber'];
                    $firstname = $row9['firstname'];
                    $middlename = $row9['middlename'];
                    $lastname = $row9['lastname'];

                    $firstname = ucfirst($firstname);
                    $middlename =
ucfirst($middlename);
                    $lastname = ucfirst($lastname);
            }

            $name = "$lastname".",".".$firstname";

            $subject="OHCMARS Notification";

            $message="Dear $firstname,\n\nThis mail was
sent to inform you that Dr. $docname was deleted from our
database as an affiliated doctor under $hospname
[$hcname]. Your reservation, which has a pending status,
with the doctor mentioned, was also deleted. We are sorry
for the inconvenience.\n\nThank you for using Online
Healthcards Manager and Appointment Reservation System.
It is our pleasure to serve you.\n\nOHCMARS System
Administrator";

            $msgonsendsuccess = "Message sending
successful.";

            $mail = new PHPMailer();
            $mail->IsSMTP(); // telling the class to use
SMTP
            $mail->Host = $host; // SMTP server
            $mail->From = $from;
            $mail->AddAddress($emailadd, $name);
            $mail->FromName = $fromName;
            $mail->Subject = "OHCMARS Notification";
            $mail->Body = $message;
            $mail->WordWrap = 70;

            if(!$mail->Send())
            {
                    echo "Message was not sent";
                    echo "Mailer Error: " . $mail-
>ErrorInfo;
            }
            else
```

```php
            {
                    print "";
            }

            if($cellnumber != '')
            {
                    array_push($arraycell,
"$cellnumber");
            }
    }

    foreach($arraycell as $k => $c)
    {
            $cell = "+63"."$c";
            $msg = "Dr. $docname was removed from our
database as an affiliated doctor under $hospname,
$hcname. Your reservation, which has a pending status,
with the doctor mentioned, was also removed. OHCMARS";
            send_sms($cell, $def_coding, $msg);
    }

    echo "<center><p class=\"commontext\">Dr. $docname
[$doccode, $hospname, $hcname] successfully deleted
from the database.<br>";
    echo "$numres pending reservation(s) deleted from the
database.<br><br>";
    echo "<center><p class=\"linkstext\"><a
href=\"managedoctors.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back</a>";
    }
    echo "</td></tr></table>";
    include("../specialproject/_include/bottom_design.php");
?>
```

del_doc2.php

```php
<?
/*
del_doc2.php

if system found out that there is an approved reservation
for the doctor to be removed, lets the system administrator
input a "substitute" doctor
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$doccode = $_POST['doccode'];
$answer = $_POST['answer'];
$docname = $_POST['docname'];
$usercode = $_POST['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Delete
Doctor</td></tr>";
echo "<tr><td>";

$qry0 = "select d.*, h.*, hc.* from healthcard as hc, doctor
as d, hospital_clinic as h where h.hospcode = '$hospcode'
and h.hccode = '$hccode' and d.doccode = '$doccode' and
hc.hccode = '$hccode'";
$res0 = mysql_query($qry0, $dbaseconnect);
$num0 = mysql_num_rows($res0);
if($num0 != 0)
{
    $row0 = mysql_fetch_array($res0);
    $docfname = $row0[docfname];
    $docmname = $row0[docmname];
    $doclname = $row0[doclname];
    $docspecl = $row0[docspecl];
    $hospname = $row0[hospname];
    $hcname = $row0[hcname];
}

$docfname = ucfirst($docfname);
```

```php
$docmname = ucfirst($docmname);
$doclname = ucfirst($doclname);

$docname = "$docfname"." "."$doclname";

echo "<center><p class=\"commontext\">Dr. $docfname
$doclname<br>";
echo "$docspecl<br>";
echo "$hospname<br><br>";

if($answer == 'no' || $answer == '')
{
 echo "<center><p class=\"commontext\">Dr. $docname
must have a \"substitute\" doctor before he can be
successfully deleted from the database.<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"managedoctors.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back</a>";
}
elseif($answer == 'yes')
{

?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="reliever" method="post" action=""
id="reliever">
<?
echo "<center><p class=\"commontext\">Please input the
name of the substitute doctor<br><br>";
echo "First name*   <input
type=\"text\" name=\"dfname\"
maxlength=\"100\"><br><br>";
echo "Last name*   <input type=\"text\"
name=\"dlname\" maxlength=\"100\"><br><br>";
echo "<p class=\"italictext\">* indicates a required
field</p>";
echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\">";
echo "<input type=\"hidden\" name=\"doccode\"
value=\"$doccode\"><p>";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\"><p>";
echo "<input type=\"submit\" name=\"submit\"
value=\"submit\" onClick=\"return
relieverdoc();\"><br><br>";
echo "<p class=\"linkstext\"><a
href=\"managedoctors.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back</a>";
?>
</p>
</form>
</body>
</html>
<?
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

del_doc3.php

```php
<?
/*
del_doc3.php

deletes the doctor and sends notification to users who own
affected approved reservations
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

include("../specialproject/for_sms.php");

$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$doccode = $_POST['doccode'];
$dfname = $_POST['dfname'];
$dmname = $_POST['dmname'];
$dlname = $_POST['dlname'];
$usercode = $_POST['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Delete
Doctor</td></tr>";
echo "<tr><td>";

$dfname = ucfirst($dfname);
$dmname = ucfirst($dmname);
$dlname = ucfirst($dlname);

$dname = "$dfname"." "."$dlname";

$qry0 = "select d.*, h.*, hc.* from healthcard as hc, doctor
as d, hospital_clinic as h where h.hospcode = '$hospcode'
and h.hccode = '$hccode' and d.doccode = '$doccode' and
hc.hccode = '$hccode'";
$res0 = mysql_query($qry0, $dbaseconnect);
$num0 = mysql_num_rows($res0);
if($num0 != 0)
{
 $row0 = mysql_fetch_array($res0);
 $docfname = $row0[docfname];
 $docmname = $row0[docmname];
 $doclname = $row0[doclname];
 $hospname = $row0[hospname];
 $hcname = $row0[hcname];
}

$docfname = ucfirst($docfname);
$docmname = ucfirst($docmname);
$doclname = ucfirst($doclname);

$docname = "$docfname"." "."$doclname";

include("../specialproject/_include/class.phpmailer.php");
include("../specialproject/_include/mailInfo.php");

$count = 0;
$count1 = 0;
$count2 = 0;
$cell_pending = array();
$cell_approved = array();
$qry1 = "select * from schedule where doccode =
'$doccode' and hospcode = '$hospcode'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 while($row1 = mysql_fetch_array($res1))
 {
        $id = $row1['schedcode'];
        $qry2 = "select * from reservation where
schedcode = '$id'";
        $res2 = mysql_query($qry2, $dbaseconnect);
        $num2 = mysql_num_rows($res2);
        if($num2 != 0)
        {
                while($row2 =
mysql_fetch_array($res2))
                {
                        $rcode =
$row2['reservecode'];
                        $ucode =
$row2['usercode'];
                        $status = $row2['status'];

                        $qry4 = "select * from user
where usercode = '$ucode'";
                        $res4 =
mysql_query($qry4, $dbaseconnect);
```

```php
$num4 = mysql_num_rows($res4);
if($num4 != 0)
{
    $row4 = mysql_fetch_array($res4);
    $email = $row4['emailaddress'];
    $fname = $row4['firstname'];
    $mname = $row4['middlename'];
    $lname = $row4['lastname'];
    $cellnumber = $row4['cellnumber'];

    $fname = ucfirst($fname);
    $mname = ucfirst($mname);
    $lname = ucfirst($lname);
    $name = "$fname"." "."$lname";
}

if($status == 'pending')
{
    $count = $count +1;
    if($cellnumber != '')
    {
        array_push($cell_pending, "$cellnumber");
    }

    $subject="OHCMARS Notification";

    $message="Dear $fname,\n\nThis mail was sent to inform you that Dr. $docname was removed from our database as an affiliated doctor under $hospname [$hcname]. All reservations connected with Dr. $docname were also removed from the database. We are sorry for the inconvenience.\nThank you for using Online Healthcards Manager and Appointment Reservation System. It is our pleasure to serve you.\n\nOHCMARS System Administrator";
    $msgonsendsuccess = "Message sending successful.";

    $mail = new PHPMailer();
    $mail->IsSMTP(); // telling the class to use SMTP
    $mail->Host = $host; // SMTP server
    $mail->From = $from;
    $mail->AddAddress($email, $name);
    $mail->FromName = $fromName;
    $mail->Subject = "OHCMARS Notification";
    $mail->Body = $message;
    $mail->WordWrap = 70;

    if(!$mail->Send())
    {
        echo "Message was not sent";
        echo "Mailer Error: " . $mail->ErrorInfo;
    }
    else
    {
        print "";
    }
}
else
{
    $count1 = $count1 + 1;
    if($cellnumber != '')
    {
        array_push($cell_approved, "$cellnumber");
    }

    $subject="OHCMARS Notification";

    $message="Dear $fname,\n\nThis mail was sent to inform you that Dr. $docname was removed from our database as an affiliated doctor under $hospname [$hcname]. Reserved appointment is still final as Dr. $docname will be substituted by Dr. $dname. We are sorry for the inconvenience.\nThank you for using Online Healthcards Manager and Appointment Reservation System. It is our pleasure to serve you.\n\nOHCMARS System Administrator";

    $msgonsendsuccess = "Message sending successful.";

    $mail = new PHPMailer();
    $mail->IsSMTP(); // telling the class to use SMTP
    $mail->Host = $host; // SMTP server
    $mail->From = $from;
    $mail->AddAddress($email, $name);
    $mail->FromName = $fromName;
    $mail->Subject = "OHCMARS Notification";
    $mail->Body = $message;
    $mail->WordWrap = 70;

    if(!$mail->Send())
    {
        echo "Message was not sent";
        echo "Mailer Error: " . $mail->ErrorInfo;
    }
    else
    {
        print "";
    }
    $deleteqry = "delete from reservation where reservecode = '$rcode'";
    mysql_query($deleteqry);
}
$delqry2 = "delete from schedule where schedcode = '$id'";
mysql_query($delqry2);
$count2 = $count2 + 1;
}
$delqry4 = "delete from doctor where doccode = '$doccode' and hospcode = '$hospcode'";
mysql_query($delqry4);

connect_gammu();
$coding = "Default_No_Compression";
foreach($cell_approved as $key3 => $c)
```

```php
        {
                $mobilenum = "+63"."$c";
                $message = "Dr. $docname was removed from
our database as an affiliated doctor under $hospname,
$hcname. Reserved appointment is still final as Dr.
$docname will be substituted by Dr. $dname. OHCMARS";

                $msglength = strlen($message);

                if($msglength <= 160)
                {
                        $sms_insert = "insert into outbox
(DestinationNumber, Coding, TextDecoded) values
('$mobilenum', '$coding', '$message')";
                        $sms_result =
mysql_query($sms_insert) or die(mysql_error());
                }
                else
                {
                        $n = ceil($msglength/136);

                        $arr_string = array();
                        $msg2 = array();
                        $offset = 0;
                        for($k = 1; $k <= $n; $k++)
                        {
                                $msg = substr($message,
$offset, $offset + 136);
                                array_push($msg2,
"$msg");
                                $offset = $offset + 136;
                        }

                        krsort($msg2);
                        for($ctr = 1; $ctr<= $n; $ctr++)
                        {
                                $smsmsg = "($ctr/$n) ".
$msg2[$ctr-1];
                                $sms_insert = "insert into
outbox (DestinationNumber, Coding, TextDecoded) values
('$mobilenum', '$coding', '$smsmsg')";
                                $sms_result =
mysql_query($sms_insert) or die(mysql_error());
                        }
                }
        }
 foreach($cell_pending as $key4 => $c2)
 {
                $mobilenum = "+63"."$c2";
                $message = "Dr. $docname was removed from
our database as an affiliated doctor under $hospname,
$hcname. Your reservation, which has a pending status,
with the doctor mentioned, was also removed. OHCMARS";

                $msglength = strlen($message);

                if($msglength <= 160)
                {
                        $sms_insert = "insert into outbox
(DestinationNumber, Coding, TextDecoded) values
('$mobilenum', '$coding', '$message')";
                        $sms_result =
mysql_query($sms_insert) or die(mysql_error());
                }
                else
                {
                        $n = ceil($msglength/154);

                        $arr_string = array();
                        $msg2 = array();
                        $offset = 0;
                        for($k = 1; $k <= $n; $k++)
                        {
                                $msg = substr($message,
$offset, $offset + 154);
                                array_push($msg2,
"$msg");
                                $offset = $offset + 154;
                        }

                        rsort($msg2);
                        $c = count($msg2);
```

```php
                for($i = 1; $i <= $c; $i++)
                {
                        $message =
array_pop($msg2);

                        $smsmsg = "($i/$n) ".
$message;

                        $sms_insert = "insert into
outbox (DestinationNumber, Coding, TextDecoded) values
('$mobilenum', '$coding', '$smsmsg')";
                        $sms_result =
mysql_query($sms_insert) or die(mysql_error());
                }
        }
 }
}

 echo "<center><p class=\"commontext\">$count1
approved reservation(s) deleted.<br>";
 echo "<center><p class=\"commontext\">$count pending
reservation(s) deleted.<br>";
 echo "<center><p class=\"commontext\">$count2
schedule(s) deleted.<br>";
 echo "<center><p class=\"commontext\">Dr. $docname
[$doccode, $hospname, $hcname] successfully deleted
from the database.<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"managedoctors.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back</a>";

 echo "</td></td></table>";
 include("../specialproject/_include/bottom_design.php");
?>


delete_docschedadmin.php

<?
/*
delete_docschedadmin.php

let's the system administrator confirm deletion of doctor's
schedule
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$doccode = $_GET['doccode'];
$usercode = $_GET['usercode'];
$schedcode = $_GET['schedcode'];
$timecode = $_GET['timecode'];
$day = $_GET['day'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Delete
Schedule</td></tr>";
echo "<tr><td>";

$qry = "select d.*, h.*, hc.* from healthcard as hc, doctor
as d, hospital_clinic as h where d.doccode = '$doccode' and
d.hospcode = '$hospcode' and h.hospcode = '$hospcode'
and h.hccode = '$hccode' and hc.hccode = '$hccode'";
$result = mysql_query($qry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 $fetchnames = mysql_fetch_array($result);
 $docfname = $fetchnames['docfname'];
 $docmname = $fetchnames['docmname'];
 $doclname = $fetchnames['doclname'];
 $hospname = $fetchnames['hospname'];
 $docspecl = $fetchnames['docspecl'];
 $hcname = $fetchnames['hcname'];
}

$docfname2 = ucfirst($docfname);
```

96

```
$docmname2 = ucfirst($docmname);
$doclname2 = ucfirst($doclname);

$qry2 = "select * from reservation where schedcode =
'$schedcode' and doccode = '$doccode' and hospcode =
'$hospcode' and status = 'pending'";
$res2 = mysql_query($qry2, $dbaseconnect);
$num2 = mysql_num_rows($res2);

$qry4 = "select * from reservation where schedcode =
'$schedcode' and doccode = '$doccode' and hospcode =
'$hospcode' and status = 'approved'";
$res4 = mysql_query($qry4, $dbaseconnect);
$num4 = mysql_num_rows($res4);

echo "<center><p class=\"commontext\">Dr. $docfname2
$doclname2<br>";
echo "$docspecl<br>";
echo "$hospname<br><br>";
echo "$num2 pending reservation(s) will be affected if
schedule is deleted.<br>";
echo "$num4 approved reservation(s) will be affected if
schedule is deleted.<br><br>";
echo "Are you certain you wish to delete this schedule
[$schedcode]?<br>";
?>
<html>
<head>
<script></script>
</head>
<body>
<form name="edithospinfo" method="post"
action="delete_docschedadmin2.php" id="edithospinfo">
<input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
<input type="hidden" name="doccode" value="<? echo
"$doccode" ;?>">
<input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
<input type="hidden" name="schedcode" value="<? echo
"$schedcode" ;?>">
<input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
<input type="hidden" name="timecode" value="<? echo
"$timecode" ;?>">
<input type="hidden" name="day" value="<? echo
"$day" ;?>">
<?
echo "<center><p class=\"commontext\"><input
type=\"radio\" name=\"answer\" value=\"yes\">yes<br>";
echo "<input type=\"radio\" name=\"answer\"
value=\"no\">no<br><br>";
?>
<input type="submit" name="submit"
value="submit"><br><br>
<?
echo "<center><p class=\"linkstext\"><a
href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode\"><font
color=\"#000000\">back</a>";
?>
</form>
</body>
</html>
<?
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>


delete_docschedadmin2.php

<?
/*
delete_docschedadmin2.php

performs the actual deletion of schedule after system
administrator confirms the action to be done
*/

include("../specialproject/_include/top_design.php");
```

```
include("../specialproject/_include/dbaseconnect.php");
include("../specialproject/for_sms.php");

$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$doccode = $_POST['doccode'];
$usercode = $_POST['usercode'];
$schedcode = $_POST['schedcode'];
$answer = $_POST['answer'];
$timecode = $_POST['timecode'];
$day = $_POST['day'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Delete
Schedule</td></tr>";
echo "<tr><td>";

$qry = "select d.*, h.*, hc.*, t.* from time as t, healthcard
as hc, doctor as d, hospital_clinic as h where d.doccode =
'$doccode' and d.hospcode = '$hospcode' and h.hospcode =
'$hospcode' and h.hccode = '$hccode' and hc.hccode =
'$hccode' and t.timecode = '$timecode'";
$result = mysql_query($qry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
  $fetchnames = mysql_fetch_array($result);
  $docfname = $fetchnames['docfname'];
  $docmname = $fetchnames['docmname'];
  $doclname = $fetchnames['doclname'];
  $hospname = $fetchnames['hospname'];
  $docspecl = $fetchnames['docspecl'];
  $hcname = $fetchnames['hcname'];
  $timename = $fetchnames['timename'];
}

$docfname2 = ucfirst($docfname);
$docmname2 = ucfirst($docmname);
$doclname2 = ucfirst($doclname);

echo "<center><p class=\"commontext\">Dr. $docfname2
$doclname2<br>";
echo "$docspecl<br>";
echo "$hospname<br><br>";

include("../specialproject/_include/class.phpmailer.php");
include("../specialproject/_include/mailInfo.php");

$count = 0;
$count1 = 0;
$cell = array();
if($answer == 'no' || $answer == '')
{
  echo "<center><p class=\"commontext\">You have
chosen not to delete schedule [$schedcode], $day,
$timename.<br><br><center><p class=\"linkstext\"><a
href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode\"><font
color=\"#000000\">back</a>";
}
elseif($answer == 'yes')
{
  $qry2 = "select * from reservation where schedcode =
'$schedcode' and doccode = '$doccode' and hospcode =
'$hospcode'";
  $res2 = mysql_query($qry2, $dbaseconnect);
  $num2 = mysql_num_rows($res2);
  if($num2 != 0)
  {
          while($r = mysql_fetch_array($res2))
          {
                  $stat = $r['status'];
                  $ucode = $r['usercode'];
                  $rcode = $r['reservecode'];

                  $qry3 = "select * from user where
usercode = '$ucode'";
                  $res3 = mysql_query($qry3,
$dbaseconnect);
```

```php
                    $num3 = mysql_num_rows($res3);
                    if($num3 != 0)
                    {
                            $row3 =
mysql_fetch_array($res3);
                            $firstname =
$row3['firstname'];
                            $middlename =
$row3['middlename'];
                            $lastname =
$row3['lastname'];
                            $email =
$row3['emailaddress'];
                            $cellnumber =
$row3['cellnumber'];

                            if($cellnumber != '')
                            {
array_push($cell, "$cellnumber");
                            }
                    }

                    $firstname = ucfirst($firstname);
                    $middlename =
ucfirst($middlename);
                    $lastname = ucfirst($lastname);

                    $name =
"$lastname".","."$firstname";
                    if($stat == 'pending')
                    {
                            $count = $count + 1;
                    }
                    else
                    {
                            $count1 = $count1 + 1;
                    }

                    $message = "Dear
$firstname,\n\nThis mail was sent to inform you that your
reservation was affected by a change in Dr. $doclname2's
schedule. All reservations, both pending and approved,
which are connected to the changed schedule were
automatically cancelled.\nThank you for using Online
Healthcards Manager and Appointment Reservation System.
It is our pleasure to serve you.\n\nOHCMARS System
Administrator";

                    $msgonsendsuccess = "Message
sending successful.";

                    $mail = new PHPMailer();
                    $mail->IsSMTP(); // telling the class
to use SMTP
                    $mail->Host = $host; // SMTP server
                    $mail->From = $from;
                    $mail->AddAddress($email, $name);
                    $mail->FromName = $fromName;
                    $mail->Subject = "OHCMARS
Notification";
                    $mail->Body = $message;
                    $mail->WordWrap = 70;

                    if(!$mail->Send())
                    {
                            echo "Message was not
sent";
                            echo "Mailer Error: " .
$mail->ErrorInfo;
                    }
                    else
                    {
                            print "";
                    }

                    $delqry = "delete from reservation
where reservecode = '$rcode' and schedcode =
'$schedcode'";
                    mysql_query($delqry);
            }
 }
```

```php
  $delqry3 = "delete from schedule where schedcode =
'$schedcode'";
  mysql_query($delqry3);

  echo "<center><p class=\"commontext\">$count pending
reservation(s) deleted.<br>";
  echo "$count1 approved reservation(s) deleted.<br>";
  echo "<center><p class=\"commontext\">You have
successfully deleted schedule [$schedcode], $day,
$timename.<br><br>";
  echo "<center><p class=\"linkstext\"><a
href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode\"><font
color=\"#000000\">back</a>";
}
foreach($cell as $key2 => $c)
{
  $cellnum = "+63"."$c";
  $msg = "The schedule of Dr. $docfname2 $doclname2 was
updated. Your reservation was affected and was
automatically removed from the database. OHCMARS";
  send_sms($cellnum, $def_coding, $msg);
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

delete_hospadmin.php

```php
<?
/*
delete_hospadmin.php

checks for reservations that will affected before deleting the
hospital
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];
$hospcode = $_GET['hospcode'];
$hccode = $_GET['hccode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Delete
Hospital</td></tr>";
echo "<tr><td>";

$hcnameqry = "select h.*, hc.* from healthcard as hc,
hospital_clinic as h where hc.hccode = '$hccode' and
h.hccode = '$hccode' and h.hospcode = '$hospcode'";
$res = mysql_query($hcnameqry, $dbaseconnect);
$nums = mysql_num_rows($res);
if($nums != 0)
{
  $fetchname = mysql_fetch_array($res);
  $hcname = $fetchname['hcname'];
  $hospname = $fetchname['hospname'];
  $hosploc = $fetchname['hosploc'];
}

$pen_res = array();
$app_res = array();
$dcodes = array();
$scodes = array();
$qry1 = "select * from reservation where hospcode =
'$hospcode'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
  while($row1 = mysql_fetch_array($res1))
  {
            $doccode = $row1['doccode'];
            $status = $row1['status'];
            $reservecode = $row1['reservecode'];
            $schedcode = $row1['schedcode'];
```

```
            array_push($scodes, "$schedcode");
            array_push($dcodes, "$doccode");

            if($status == 'pending')
            {
                    array_push($pen_res,
"$reservecode");
            }
            elseif($status == 'approved')
            {
                    array_push($app_res,
"$reservecode");
            }
    }
}

$c1 = count($pen_res);
$c2 = count($app_res);

echo "<center><p class=\"commontext\">Healthcard
name: $hcname<br>Hospital: $hospname<br>";
echo "Location: $hosploc<br><br>";
echo "$c1 pending reservation(s) will be affected if hospital
is deleted.<br>";
echo "$c2 approved reservation(s) will be affected if
hospital is deleted.<br><br>";

if($c1 == 0 && $c2 == 0)
{
 echo "<center><p class=\"commontext\">Are you certain
you wish to delete $hospname [$hospcode] under
$hcname?";
?>
<html>
<head>
<script></script>
</head>
<body>
<form name="edithospinfo" method="post"
action="delete_hospadmin2.php" id="edithospinfo">
 <input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
 <input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
 <input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
<?
echo "<center><p class=\"commontext\"><input
type=\"radio\" name=\"answer\" value=\"yes\">yes<br>";
echo "<center><p class=\"commontext\"><input
type=\"radio\" name=\"answer\"
value=\"no\">no<br><br>";
?>
 <input type="submit" name="submit"
value="submit"><br><br>
<?
echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
?>
</form>
</body>
</html>
<?
}
else
{
 echo "Please suggest a nearby hospital where users can
make new reservations.";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="delhosp" method="post" action=""
id="delhosp">
<?
```

```
echo "<center><p class=\"commontext\">Hospital's
name*   <input type=\"text\"
name=\"hname\" maxlength=\"100\"><br><br>";
echo "Hospital's location*   <input
type=\"text\" name=\"hloc\"
maxlength=\"200\"><br><br>";
echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\">";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "<p>";
echo "<p class=\"italictext\">* indicates a required
field</p>";
echo "<input type=\"submit\" name=\"submit\"
value=\"submit\" onClick=\"return
del_hosp();\">      ";
echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br>";
echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
?>
  </p>
</form>
</body>
</html>
<?
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

delete_hospadmin2.php

```
<?
/*
delete_hospadmin2.php

deletes hospital with 0 pending and approved reservations
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_POST['usercode'];
$hospcode = $_POST['hospcode'];
$hccode = $_POST['hccode'];
$answer = $_POST['answer'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Delete
Hospital</td></tr>";
echo "<tr><td>";

$hcnameqry = "select h.*, hc.* from healthcard as hc,
hospital_clinic as h where hc.hccode = '$hccode' and
h.hccode = '$hccode' and h.hospcode = '$hospcode'";
$res = mysql_query($hcnameqry, $dbaseconnect);
$nums = mysql_num_rows($res);
if($nums != 0)
{
 $fetchname = mysql_fetch_array($res);
 $hcname = $fetchname['hcname'];
 $hospname = $fetchname['hospname'];
 $hosploc = $fetchname['hosploc'];
}

if($answer == 'no' || $answer == '')
{
 echo "<center><p class=\"commontext\">You have
chosen not to delete $hospname
[$hospcode].<br><br><center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
}
```

99

```php
else
{
 $dcodes = array();
 $qry1 = "select * from doctor where hospcode =
'$hospcode'";
 $res1 = mysql_query($qry1, $dbaseconnect);
 $num1 = mysql_num_rows($res1);
 if($num1 != 0)
 {
         while($row1 = mysql_fetch_array($res1))
         {
                 $doccode = $row1['doccode'];
                 array_push($dcodes, "$doccode");
         }
 }

 $ocodes = array();
 $qry5 = "select * from healthcard_office where hospcode
= '$hospcode'";
 $res5 = mysql_query($qry5, $dbaseconnect);
 $num5 = mysql_num_rows($res5);
 if($num5 != 0)
 {
         while($row5 = mysql_fetch_array($res5))
         {
                 $officecode = $row5['officecode'];
                 array_push($ocodes, "$officecode");
         }
 }

 $scodes = array();
 foreach($dcodes as $key1 => $d)
 {
         $qry2 = "select * from schedule where hospcode
= '$hospcode' and doccode = '$d'";
         $res2 = mysql_query($qry2, $dbaseconnect);
         $num2 = mysql_num_rows($res2);
         if($num2 != 0)
         {
                 while($row2 =
mysql_fetch_array($res2))
                 {
                         $schedcode =
$row2['schedcode'];
                         array_push($scodes,
"$schedcode");
                 }
         }
 }
 $count = count($scodes);
 $count2 = count($ocodes);

 foreach($scodes as $key2 => $s)
 {
         $delqry = "delete from schedule where
schedcode = '$s' and hospcode = '$hospcode'";
         mysql_query($delqry);
 }

 foreach($dcodes as $key3 => $dc)
 {
         $delqry2 = "delete from doctor where doccode =
'$dc' and hospcode = '$hospcode'";
         mysql_query($delqry2);
 }

 foreach($ocodes as $key4 => $o)
 {
         $delqry4 = "delete from healthcard_office where
hospcode = '$hospcode' and officecode = '$o'";
         mysql_query($delqry4);
 }

 $delqry3 = "delete from hospital_clinic where hospcode =
'$hospcode' and hccode = '$hccode'";
 mysql_query($delqry3);

 echo "<center><p class=\"commontext\">$hospname
[$hospcode, $hcname] successfully deleted from
database.<br>";
 echo "$num1 doctor(s) deleted from database.<br>";
 echo "$count schedule deleted from database.<br>";
```

```php
 echo "$count2 healthcard office(s) deleted from
database.<br><br>";
 echo "<center><p class=\"linktext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

delete_hospadmin3.php

```php
<?
/*
delete_hospadmin3.php

deletes a hospital with pending and approved reservations
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_POST['usercode'];
$hospcode = $_POST['hospcode'];
$hccode = $_POST['hccode'];
$hname = $_POST['hname'];
$hloc = $_POST['hloc'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Delete
Hospital</td></tr>";
echo "<tr><td>";

$hcnameqry = "select h.*, hc.* from healthcard as hc,
hospital_clinic as h where hc.hccode = '$hccode' and
h.hccode = '$hccode' and h.hospcode = '$hospcode'";
$res = mysql_query($hcnameqry, $dbaseconnect);
$nums = mysql_num_rows($res);
if($nums != 0)
{
 $fetchname = mysql_fetch_array($res);
 $hcname = $fetchname['hcname'];
 $hospname = $fetchname['hospname'];
 $hosploc = $fetchname['hosploc'];
}

$dcodes = array();
$qry1 = "select * from doctor where hospcode =
'$hospcode'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 while($row1 = mysql_fetch_array($res1))
 {
         $doccode = $row1['doccode'];
         array_push($dcodes, "$doccode");
 }
}
$delcnt = 0;
$qry2 = "select * from healthcard_office where hospcode =
'$hospcode'";
$res2 = mysql_query($qry2, $dbaseconnect);
$num2 = mysql_num_rows($res2);
if($num2 != 0)
{
 $delcnt = 0;
 while($row2 = mysql_fetch_array($res2))
 {
         $officecode = $row2['officecode'];

         $delqry1 = "delete from healthcard_office where
officecode = '$officecode' and hospcode = '$hospcode'";
         mysql_query($delqry1);
         $delcnt = $delcnt + 1;
 }
}
```

```php
$delcnt2 = 0;
$delcnt4 = 0;
$delcnt3 = 0;
$usercodes = array();
foreach($dcodes as $key2 => $d)
{
 $qry3 = "select * from schedule where hospcode =
'$hospcode' and doccode = '$d'";
 $res3 = mysql_query($qry3, $dbaseconnect);
 $num3 = mysql_num_rows($res3);
 if($num3 != 0)
 {
        while($row3 = mysql_fetch_array($res3))
        {
                $schedcode = $row3['schedcode'];

                $qry4 = "select * from reservation
where hospcode = '$hospcode' and schedcode =
'$schedcode' and doccode = '$d'";
                $res4 = mysql_query($qry4,
$dbaseconnect);
                $num4 = mysql_num_rows($res4);
                if($num4 != 0)
                {
                        while($row4 =
mysql_fetch_array($res4))
                        {
                                $reservecode =
$row4['reservecode'];
                                $ucode =
$row4['usercode'];

        array_push($usercodes, "$ucode");

                                $delqry3 =
"delete from reservation where reservecode =
'$reservecode' and hospcode = '$hospcode'";

mysql_query($delqry3);
                                $delcnt3 =
$delcnt3 + 1;
                        }
                }
                $delqry2 = "delete from schedule
where hospcode = '$hospcode' and schedcode =
'$schedcode'";
                        mysql_query($delqry2);
                        $delcnt2 = $delcnt2 + 1;
                }
        }
 $delqry4 = "delete from doctor where doccode = '$d' and
hospcode = '$hospcode'";
 mysql_query($delqry4);
 $delcnt4 = $delcnt4 + 1;
}
$delqry5 = "delete from hospital_clinic where hospcode =
'$hospcode' and hccode = '$hccode'";
mysql_query($delqry5); //delete the hospital

include("../specialproject/_include/class.phpmailer.php");
include("../specialproject/_include/mailInfo.php");

$phonenum = array();
foreach($usercodes as $key5 => $uc)
{
 $qry5 = "select * from user where usercode = '$uc'";
 $res5 = mysql_query($qry5, $dbaseconnect);
 $num5 = mysql_num_rows($res5);
 if($num5 != 0)
 {
        while($row5 = mysql_fetch_array($res5))
        {
                $email = $row5['emailaddress'];
                $firstname = $row5['firstname'];
                $middlename = $row5['middlename'];
                $lastname = $row5['lastname'];
                $cellnumber = $row5['cellnumber'];

                $firstname = ucfirst($firstname);
                $middlename =
ucfirst($middlename);
                $lastname = ucfirst($lastname);

                $name = "$firstname"."
"."$lastname";

                $subject = "OHCMARS Notification";

                $message = "Dear
$firstname,\n\nThis mail was sent to inform you that
$hospname under $hcname has been removed from the
database. All the doctors, schedules, reservations
connected with the hospital were also removed. We
recommend the nearby hospital, $hname, located at $hloc
for you to make another reservation.\n\nThank you for
using Online Health Cards Manager and Appointment
Reservation System. It is our pleasure to serve
you.\n\nOHCMARS System Administrator";

                $mail = new PHPMailer();
                $mail->IsSMTP(); // telling the class
to use SMTP

                $mail->Host = $host; // SMTP server
                $mail->From = $from;
                $mail->AddAddress($email, $name);
                $mail->FromName = $fromName;
                $mail->Subject = "OHCMARS
Notification";

                $mail->Body = $message;
                $mail->WordWrap = 70;

                if(!$mail->Send())
                {
                        echo "Message was not
sent";
                        echo "Mailer Error: " .
$mail->ErrorInfo;
                }
                else
                {
                        print "";
                }

                if($cellnumber != '')
                {
                        array_push($phonenum,
"$cellnumber");
                }
        }
 }
}

include("../specialproject/for_sms.php");
foreach($phonenum as $key6 => $p)
{
 $c1 = "+63"."$p";
 $msg = "$hospname under $hcname was removed from
the database. We recommend the nearby hospital, $hname,
located at $hloc, for you to make another reservation.
OHCMARS";

 send_sms($c1, $def_coding, $msg);
}

echo "<center><p class=\"commontext\">$hospname
[$hospcode, $hcname] successfully deleted from
database.<br>";
echo "$delcnt healthcard office(s) deleted from
database.<br>";
echo "$delcnt2 schedule(s) deleted from database.<br>";
echo "$delcnt3 reservation(s) deleted from
database.<br>";
echo "$delcnt4 doctor(s) deleted from
database.<br><br>";

echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

deloffice.php

```php
<?
/*
deloffice.php

delete an office outside of the hospital, checks if there is
only one office outside of the hospital. If the case is so, this
php file asks the system administrator what action to take:
fill HCoffice of the hospital or add another outside office.
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$officecode = $_GET['officecode'];
$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Delete
Office</td></tr>";
echo "<tr><td>";

$names = "select h.*, ho.*, hc.* from hospital_clinic as h,
healthcard as hc, healthcard_office as ho where
ho.officecode = '$officecode' and ho.hospcode =
'$hospcode' and hc.hccode = '$hccode' and h.hospcode =
'$hospcode' and h.hccode = '$hccode'";
$result = mysql_query($names, $dbaseconnect);
$nums = mysql_num_rows($result);
if($nums != 0)
{
 $fetchname = mysql_fetch_array($result);
 $hcname = $fetchname['hcname'];
 $hospname = $fetchname['hospname'];
 $officename = $fetchname['officename'];

}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br>$hcname's office outside of
$hospname: $officename [$officecode]<br><br>";

$hospquery2 = "select * from healthcard_office where
hospcode = '$hospcode'";
$result2 = mysql_query($hospquery2, $dbaseconnect);
$num2 = mysql_num_rows($result2);

if($num2 == 1)
{
 echo "<center><p class=\"commontext\">$hospname
[$hcname] has only 1 office outside of the hospital vicinity.
Before you can delete the information corresponding to this
office, you must first add another office or fill out the field
for $hcname's office inside of the hospital. Please choose
one from the two options.";
?>
<html>
<head>
<script></script>
</head>
<body>
<form name="edithospinfo" method="post"
action="deloffice2.php" id="edithospinfo">
<input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
<input type="hidden" name="officecode" value="<? echo
"$officecode" ;?>">
<input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
<input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
<?
echo "<center><p class=\"commontext\"<input
type=\"radio\" name=\"answer\" value=\"op1\">Add
another office outside of the hospital<br>";

echo "<center><p class=\"commontext\"<input
type=\"radio\" name=\"answer\" value=\"op2\">Fill out
field for $hcname's office inside of the hospital<br><br>";

echo "<center><p class=\"linkstext\"><a
href=\"manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&officecode=$officecode\"><font color=\"#000000\">My
mind has changed. I would like to retain the information
about the office.</a><br><br>";
?>
<input type="submit" name="submit" value="submit
answer">
</form>
</body>
</html>
<?
}
elseif($num2 > 1)
{
 $delqry = "delete from healthcard_office where officecode
= '$officecode' and hospcode = '$hospcode'";
 mysql_query($delqry);
 echo "<center><p class=\"commontext\">You have
successfully removed the office's information from the
database.<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back<br><br>";
}
echo "<td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

deloffice2.php

```php
<?
/*
deloffice2.php

processes the answer given by the system administrator in
deloffice.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$officecode = $_POST['officecode'];
$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$answer= $_POST['answer'];
$usercode= $_POST['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Delete
Office</td></tr>";
echo "<tr><td>";

$qry = "select h.*, hc.* from healthcard as hc,
hospital_clinic as h where h.hospcode = '$hospcode' and
hc.hccode = '$hccode' and h.hccode = '$hccode'";
$res = mysql_query($qry, $dbaseconnect);
$num = mysql_num_rows($res);
if($num != 0)
{
 $fetcharray = mysql_fetch_array($res);
 $hcname = $fetcharray[hcname];
 $hospname = $fetcharray[hospname];
 $hosploc = $fetcharray[hosploc];
}
echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br><br>";

if($answer == 'op1')
{
?>
<html>
```

102

```
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="add_office" method="post" action=""
id="add_office">
<?
echo "<center><p
class=\"commontext\">Name*   <input
type=\"text\" name=\"officename\"
maxlength=\"50\"><br><br>";
echo "Location*   <input type=\"text\"
name=\"officeloc\" maxlength=\"50\"><br><br>";
echo "<p class=\"italictext\">* indicates a required
field</p>";
?>
 <input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
 <input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
 <input type="hidden" name="officecode" value="<? echo
"$officecode" ;?>">
 <input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
 <p>
<?
 echo "<input type=\"submit\" name=\"submit\"
value=\"add healthcard office\" onClick=\"return
addoffice2();\">      "
;
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&officecode=$officecode\"><font
color=\"#000000\">back</a><br><br>";
?>
 </p>
</form>
</body>
</html>
<?
}
elseif($answer == 'op2')
{
 echo "Location: $hosploc<br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="fillhcoffice" method="post" action=""
id="fillhcoffice">
<?
echo "<center><p class=\"commontext\">Health card
office*   <input type=\"text\"
name=\"hcoffice\" maxlength=\"50\">";
echo "<p class=\"italictext\">* indicates a required
field</p>";
?>
 <input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
 <input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
 <input type="hidden" name="officecode" value="<? echo
"$officecode" ;?>">
 <input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
 <p>
<?
 echo "<input type=\"submit\" name=\"submit\"
value=\"submit HCoffice\" onClick=\"return
fillouthcoffice();\">     &nbs
p;";
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
```

```
 echo "<center><p class=\"linkstext\"><a
href=\"manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&officecode=$officecode\"><font
color=\"#000000\">back</a><br><br>";
?>
 </p>
</form>
</body>
</html>
<?
}
elseif($answer == '')
{
 echo "<center><p class=\"commontext\">$hospname
[$hcname] has only 1 office outside of the hospital vicinity.
Before you can delete the information corresponding to this
office, you must first add another office or fill out the field
for $hcname's office inside of the hospital. Please choose
one from the two options.";
?>
<html>
<head>
<script></script>
</head>
<body>
<form name="edithospinfo" method="post"
action="deloffice2.php" id="edithospinfo">
 <input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
 <input type="hidden" name="officecode" value="<? echo
"$officecode" ;?>">
 <input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
 <input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
<?
echo "<center><p class=\"commontext\"<input
type=\"radio\" name=\"answer\" value=\"op1\">Add
another outside office<br>";
echo "<center><p class=\"commontext\"<input
type=\"radio\" name=\"answer\" value=\"op2\">Fill out
field for $hcname's office inside of the hospital<br><br>";

echo "<center><p class=\"linkstext\"><a
href=\"manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&officecode=$officecode\"><font color=\"#000000\">My
mind has changed. I would like to retain the information
about the office.</a><br><br>";
?>
 <input type="submit" name="submit" value="submit">
</form>
</body>
</html>
<?
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>


deloutside_office.php

<?
/*
deloutside_office.php

when the system administrator inputs something in the
HCoffice field in editing information about a hospital, which
has healthcard offices outside of the hospital
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hospname = $_POST['hospname'];
$hosploc = $_POST['hosploc'];
$hcoffice = $_POST['hcoffice'];
$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$answer = $_POST['answer'];
```

```php
$usercode = $_POST['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update Hospital
Information</td></tr>";
echo "<tr><td>";

$qry = "select h.*, hc.* from healthcard as hc,
hospital_clinic as h where h.hospcode = '$hospcode' and
hc.hccode = '$hccode' and h.hccode = '$hccode'";
$res = mysql_query($qry, $dbaseconnect);
$num = mysql_num_rows($res);
if($num != 0)
{
 $fetcharray = mysql_fetch_array($res);
 $hcname = $fetcharray[hcname];
 $hospname = $fetcharray[hospname];
}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br>";

if($answer == 'yes')
{
 $del_outsideoffice = "select * from healthcard_office
where hospcode = '$hospcode'";
 $result = mysql_query($del_outsideoffice,
$dbaseconnect);
 $numrows = mysql_num_rows($result);
 if($numrows != 0)
 {
          while($delofis = mysql_fetch_array($result))
          {
                    $delqry = "delete from
healthcard_office where hospcode = '$hospcode'";
                    mysql_query($delqry);
          }
 }

 $updateqry = "update hospital_clinic set hospname =
'$hospname', hosploc = '$hosploc', hcoffice = '$hcoffice'
where hospcode = '$hospcode' and hccode = '$hccode'";
 mysql_query($updateqry);
 echo "<center><p class=\"commontext\">$numrows
outside offices corresponding to the $hospname [$hcname]
has been successfully deleted.<br>";
 echo "<center><p class=\"commontext\">You have
successfully updated the hospital's information.<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
}
elseif($answer == 'no' || $answer == '')
{
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="edithospinformation" method="post"
action="" id="edithospinformation">
<?
echo "<center><p
class=\"commontext\">Name:   <input
type=\"text\" name=\"hospn\" value=\"$hospname\"
maxlength=\"50\"><br><br>";
echo "Location:   <input type=\"text\"
name=\"hosploc\" maxlength=\"100\"
value=\"$hosploc\"><br><br>";
echo "Health card office:   <input
type=\"text\" name=\"hcoffice\" maxlength=\"100\"
value=\"$hcoffice\"><br><br>";
?>
<input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
```

```php
<input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
<input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
<?
echo "<p>";
echo "<input type=\"submit\" name=\"submit\"
value=\"update hospital information\" onClick=\"return
edithospinfo();\">     &nbsp
;";
echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
?>
  </p>
</form>
</body>
</html>
<?
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

doctors_list.php

```php
<?
<?
/*
doctors_list.php

displays list of doctors based on the specialization inputted
by the user and preferred date of consultation, in
check_docspecl_day.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];
$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$orderdate = $_GET['orderdate'];
$docspecl = $_GET['docspecl'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\"><font
color='#CCCCCC'>List of Doctors</td></tr>";
echo "<tr><td>";

if($docspecl == '' || $orderdate == '')
{
 echo "<center><p class=\"commontext\"><font
color=\"#000000\">You have not filled out one of the
fields.<br><br><a href=\"check_docspecl_day.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><p class=\"linkstext\"><font
color=\"#000000\">back</a>";
}
else
{
 $hcnameqry = "select hc.*, h.* from hospital_clinic as h,
healthcard as hc where hc.hccode = '$hccode' and
h.hospcode = '$hospcode'";
 $nameres = mysql_query($hcnameqry, $dbaseconnect);
 $numrow = mysql_num_rows($nameres);
 if($numrow != 0)
 {
          $fetchname = mysql_fetch_array($nameres);
          $hcname = $fetchname['hcname'];
          $hospname = $fetchname['hospname'];
 }

list($mon, $date, $year) = split('[/.-]', $orderdate);
```

```
$day = date("l", mktime(0, 0, 0, $mon, $date, $year));

$dcode = array();
$qry1 = "select * from doctor where docspecl = '$docspecl'
and hospcode = '$hospcode'";
$res1 = mysql_query($qry1);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 while($row1 = mysql_fetch_array($res1))
 {
        $doccode = $row1['doccode'];

        $qry2 = "select * from schedule where doccode
= '$doccode' and hospcode = '$hospcode' and day =
'$day'";
        $res2 = mysql_query($qry2);
        $num2 = mysql_num_rows($res2);
        if($num2 != 0)
        {
                while($row2 =
mysql_fetch_array($res2))
                {
                        $doccode2 =
$row2['doccode'];
                        if(in_array($doccode2,
$dcode))
                        {
                        }
                        else
                        {

array_push($dcode, "$doccode2");
                        }
                }
        }
 }
}
$count = count($dcode);
echo "<center><p class=\"commontext\">$hospname
[$hcname]<br>$docspecl<br>$mon-$date-$year
[$day]<br><br>";

$bgcolor='#990000';
$fontcolor='#CCCCCC';
echo "<center><table border=0 cellpadding = 10>";
if($count != 0)
{
 foreach($dcode as $key => $d)
 {
        if($bgcolor == '#990000')
        {
                $bgcolor='#CCCCCC';
        }
        else
        {
                $bgcolor='#990000';
        }

        if($fontcolor == '#CCCCCC')
        {
                $fontcolor='#993333';
        }
        else
        {
                $fontcolor='#CCCCCC';
        }

        $qry3 = "select * from doctor where doccode =
'$d'";
        $res3 = mysql_query($qry3);
        $num3 = mysql_num_rows($res3);
        if($num3 != 0)
        {
                $row3 = mysql_fetch_array($res3);
                $docfname = $row3['docfname'];
                $docmname = $row3['docmname'];
                $doclname = $row3['doclname'];

                $docfname = ucfirst($docfname);
                $docmname = ucfirst($docmname);
                $doclname = ucfirst($doclname);
```

```
        }

 echo "<tr><td bgcolor = $bgcolor><font color =
$fontcolor>$docfname $docmname $doclname</td>";
 echo "<td bgcolor = $bgcolor><a
href=\"check_timeslots.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$d&docspecl=$docspecl&date=$orderdate&da
y=$day\"><font color = $fontcolor>$d</a></td><td
bgcolor = $bgcolor><a href=\"view_schedule.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$d&orderdate=$orderdate&docspecl=$docspe
cl&day=$day&frompage=doctorslist\"><font color =
$fontcolor>schedule</a></td></tr>";
 }
}
else
{
 echo "<center><p class=\"commontext\"><font
color=\"#000000\">System found 0 doctor(s) specializing
in $docspecl, which has a schedule on $day.";
}
echo "</table>";
echo "<br><br><a href=\"check_docspecl_day.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><p class=\"linkstext\"><font
color=\"#000000\">back</a>";

}
echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>
```

edit_docinfo.php

```
<?
/*
edit_docinfo.php

form when editing doctor's information
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
include("../specialproject/_include/arrays.php");

$doccode = $_GET['doccode'];
$hospcode = $_GET['hospcode'];
$usercode = $_GET['usercode'];
$hccode = $_GET['hccode'];
$docspecl = $_GET['docspecl'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Edit Doctor
Information</td></tr>";
echo "<tr><td>";

$editqry = "select d.*, h.* from doctor as d, hospital_clinic
as h where h.hospcode = '$hospcode' and d.doccode =
'$doccode' and d.hospcode = '$hospcode'";
$result = mysql_query($editqry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows > 0)
{
 $fetcharray = mysql_fetch_array($result);
 $docfname = $fetcharray[docfname];
 $docmname = $fetcharray[docmname];
 $doclname = $fetcharray[doclname];
 $specl = $fetcharray[docspecl];
 $hospname = $fetcharray[hospname];
}

$docfname = ucfirst($docfname);
$docmname = ucfirst($docmname);
$doclname = ucfirst($doclname);

$docname = "$docfname"." "."$doclname";
```

```php
echo "<center><p class=\"commontext\">Dr. $docfname
$doclname [$doccode]<br>";
echo "$specl";
echo "<br>";
echo "$hospname [$hospcode]";
echo "<br>";
echo "<br>";
echo "<br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="edit_docinfo" method="post" action=""
id="edit_docinfo">
<?
echo "<center><p class=\"commontext\">First
name*   <input type=\"text\"
name=\"firstname\" value=\"$docfname\"
maxlength=\"100\"><br><br>";
echo "Middle name   <input
type=\"text\" name=\"middlename\"
value=\"$docmname\" maxlength=\"100\"><br><br>";
echo "Last name*   <input type=\"text\"
name=\"lastname\" value=\"$doclname\"
maxlength=\"100\"><br><br>";
echo "Specialization*   <select
name=\"specl\">";
echo "<option value=\"\"></option>";
foreach($specl_array as $key => $specl)
{
  if($docspecl == $specl)
  {
          echo "<option value=\"$specl\"
selected>$specl</option>";
  }
  else
  {
          echo "<option
value=\"$specl\">$specl</option>";
  }
}

echo "</select>";
echo "<p class=\"italictext\">* indicates a required
field</p>";
echo "<input type=\"hidden\" name=\"doccode\"
value=\"$doccode\">";
echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\">";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
echo "<input type=\"submit\" name=\"submit\"
value=\"update doctor information\" onClick=\"return
editdocinfo();\">      
";
echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
echo "<center><p class=\"linkstext\"><a
href=\"managedoctors.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back</a>";
?>
</form>
</body>
</html>
<?
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

edit_docinfo2.php

```php
<?
/*
edit_docinfo2.php
```

```php
processes the inputs in edit_docinfo.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
include("../specialproject/_include/arrays.php");

$hospcode = $_POST['hospcode'];
$doccode = $_POST['doccode'];
$firstname = $_POST['firstname'];
$middlename = $_POST['middlename'];
$lastname = $_POST['lastname'];
$specl = $_POST['specl'];
$usercode = $_POST['usercode'];
$hccode = $_POST['hccode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Edit Doctor
Information</td></tr>";
echo "<tr><td>";

$editqry = "select d.*, h.* from doctor as d, hospital_clinic
as h where h.hospcode = '$hospcode' and d.doccode =
'$doccode' and d.hospcode = '$hospcode'";
$result = mysql_query($editqry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows > 0)
{
  $fetcharray = mysql_fetch_array($result);
  $docfname = $fetcharray[docfname];
  $docmname = $fetcharray[docmname];
  $doclname = $fetcharray[doclname];
  $docspecl = $fetcharray[docspecl];
  $hospname = $fetcharray[hospname];
}

$docfname = ucfirst($docfname);
$docmname = ucfirst($docmname);
$doclname = ucfirst($doclname);

$docname = "$docfname"." "."$doclname";

echo "<center><p class=\"commontext\">Dr. $docfname
$doclname [$doccode]<br>";
echo "$docspecl";
echo "<br>";
echo "$hospname [$hospcode]";
echo "<br>";
echo "<br>";
echo "<br>";

$checkqry = "select * from doctor where doccode !=
'$doccode' and docfname = '$firstname' and doclname =
'$lastname' and hospcode = '$hospcode'";
$result = mysql_query($checkqry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
  echo "<center><p class=\"commontext\">The name you
have entered already exists under $hospname.";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="edit_docinfo" method="post" action=""
id="edit_docinfo">
<?
echo "<center><p class=\"commontext\">First
name*   <input type=\"text\"
name=\"firstname\" value=\"$firstname\"
maxlength=\"100\"><br><br>";
echo "Middle name&nbsp  <input
type=\"text\" name=\"middlename\"
value=\"$middlename\" maxlength=\"100\"><br><br>";
```

106

```php
echo "Last name*   <input type=\"text\"
name=\"lastname\" value=\"$lastname\"
maxlength=\"100\"><br><br>";
echo "Specialization*   <select
name=\"specl\">";
echo "<option value=\"\"></option>";
foreach($specl_array as $key => $s)
{
 if($specl == $s)
 {
          echo "<option value=\"$s\"
selected>$s</option>";
 }
 else
 {
          echo "<option value=\"$s\">$s</option>";
 }
}
echo "</select><br><br>";
echo "<input type=\"hidden\" name=\"doccode\"
value=\"$doccode\">";
echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\">";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
echo "<input type=\"submit\" name=\"submit\"
value=\"edit doctor information\" onClick=\"return
editdocinfo();\">      
";
echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
echo "<center><p class=\"linkstext\"><a
href=\"managedoctors.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back</a>";
?>
</form>
</body>
</html>
<?
}
else
{
 $updateqry = "update doctor set docfname = '$firstname',
docmname = '$middlename', doclname = '$lastname',
docspecl = '$specl' where hospcode = '$hospcode' and
doccode = '$doccode'";
 mysql_query($updateqry);

 echo "<center><p class=\"commontext\">You have
successfully updated the doctor's information.";
 echo "<center><p class=\"linkstext\"><a
href=\"managedoctors.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back</a>";
}

 echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>
```

edit_docschedadmin.php

```php
<?
/*
edit_docschedadmin.php

form when editing the doctor's schedule
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
include("../specialproject/_include/arrays.php");

$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$doccode = $_GET['doccode'];
$usercode = $_GET['usercode'];
$schedcode = $_GET['schedcode'];
```

```php
$timecode = $_GET['timecode'];
$day = $_GET['day'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update
Schedule</td></tr>";
echo "<tr><td>";

$qry = "select d.*, h.*, hc.*, t.* from time as t, healthcard
as hc, doctor as d, hospital_clinic as h where d.doccode =
'$doccode' and d.hospcode = '$hospcode' and h.hospcode =
'$hospcode' and h.hccode = '$hccode' and hc.hccode =
'$hccode' and timecode = '$timecode'";
$result = mysql_query($qry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 $fetchnames = mysql_fetch_array($result);
 $docfname = $fetchnames['docfname'];
 $docmname = $fetchnames['docmname'];
 $doclname = $fetchnames['doclname'];
 $hospname = $fetchnames['hospname'];
 $docspecl = $fetchnames['docspecl'];
 $hcname = $fetchnames['hcname'];
}

$docfname2 = ucfirst($docfname);
$docmname2 = ucfirst($docmname);
$doclname2 = ucfirst($doclname);

echo "<center><p class=\"commontext\">Dr. $docfname2
$doclname2<br>";
echo "$docspecl<br>";
echo "$hospname<br>";

?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="edit_docsched" method="post" action=""
id="edit_docsched">
  <p>
<?
$day_array = array('Monday', 'Tuesday', 'Wednesday',
'Thursday', 'Friday', 'Saturday');
$c = count($day_array);
echo "<center><p
class=\"commontext\">Day*  ";
echo "<select name=\"day\" size=\"1\" id=\"day\">";
foreach($day_array as $key1 => $d)
{
 if($day == $d)
 {
          echo "<option value=\"$d\"
selected>$d</option>";
 }
 else
 {
          echo "<option value=\"$d\">$d</option>";
 }
}

echo
"</select>      ";
echo "Time*  <select name=\"timecode\"
size=\"1\" id=\"timecode\">";
foreach($tcodes as $key2 => $time)
{
 $qry3 = "select * from time where timecode = '$time'";
 $res3 = mysql_query($qry3);
 $num3 = mysql_num_rows($res3);
 if($num3 != 0)
 {
          $row3 = mysql_fetch_array($res3);
          $timename = $row3['timename'];
 }
```

```php
   if($timecode == $time)
   {
              echo "<option value=\"$time\"
selected>$timename</option>";
   }
   else
   {
              echo "<option
value=\"$time\">$timename</option>";
   }
 }

   echo "</select>";
   echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
   echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
   echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\">";
   echo "<input type=\"hidden\" name=\"doccode\"
value=\"$doccode\">";
   echo "<input type=\"hidden\" name=\"schedcode\"
value=\"$schedcode\">";
   echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\"><br><br>";
   echo "<input type=\"submit\" name=\"submit\"
value=\"update schedule\" onClick = \"return
edit_docschedule();\"><br><br>";
   echo "<center><p class=\"linkstext\"><a
href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&timecode=
$timecode&day=$day\"><font
color=\"#000000\">back</a>";
?>
   </p>
</form>
</body>
</html>

<?
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

edit_docschedadmin2.php

```php
<?
/*
edit_docschedadmin2.php

processes the inputs in edit_docschedadmin.php
*/


include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
include("../specialproject/_include/arrays.php");
include("../specialproject/for_sms.php");

$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$doccode = $_POST['doccode'];
$usercode = $_POST['usercode'];
$schedcode = $_POST['schedcode'];
$timecode = $_POST['timecode'];
$day = $_POST['day'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update
Schedule</td></tr>";
echo "<tr><td>";

$qry = "select d.*, h.*, hc.* from healthcard as hc, doctor
as d, hospital_clinic as h where d.doccode = '$doccode' and
d.hospcode = '$hospcode' and h.hospcode = '$hospcode'
and h.hccode = '$hccode' and hc.hccode = '$hccode'";
$result = mysql_query($qry, $dbaseconnect);
```

```php
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 $fetchnames = mysql_fetch_array($result);
 $docfname = $fetchnames['docfname'];
 $docmname = $fetchnames['docmname'];
 $doclname = $fetchnames['doclname'];
 $hospname = $fetchnames['hospname'];
 $docspecl = $fetchnames['docspecl'];
 $hcname = $fetchnames['hcname'];
}

$docfname2 = ucfirst($docfname);
$docmname2 = ucfirst($docmname);
$doclname2 = ucfirst($doclname);

include("../specialproject/_include/random_codegen.php");

$qry2 = "select * from schedule where schedcode =
'$code'";
$res2 = mysql_query($qry2);
$num2 = mysql_num_rows($res2);
while($num2 != 0)
{

include("../specialproject/_include/random_codegen.php");
}

$rcodes = array();
$unames = array();
$ucodes = array();
$cell = array();
$adds = array();
$cnt = 0;
$qry1 = "select * from schedule where doccode =
'$doccode' and day = '$day' and timecode = '$timecode'
and schedcode != '$schedcode'";
$res1 = mysql_query($qry1);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 echo "<center><p class=\"commontext\">The schedule
set cannot be allowed for Dr. docfname2 doclname2. A
schedule like this already exists in the database with Dr.
$docfname2 $doclname2 in another hospital.<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&timecode=
$timecode&day=$day\"><font
color=\"#000000\">back</a>";
}
else
{
 $qry2 = "select * from reservation where schedcode =
'$schedcode' and hospcode = '$hospcode' and doccode =
'$doccode'";
 $res2 = mysql_query($qry2, $dbaseconnect);
 $num2 = mysql_num_rows($res2);
 if($num2 != 0)
 {
          while($row2 = mysql_fetch_array($res2))
          {
                    $reservecode = $row2['reservecode'];
                    $ucode = $row2['usercode'];

                    $del1 = "delete from reservation
where reservecode = '$reservecode' and schedcode =
'$schedcode' and doccode = '$doccode' and hospcode =
'$hospcode'";
                    mysql_query($del1);
                    $cnt = $cnt + 1;

                    array_push($ucodes, "$ucode");
          }
 }
 $updateqry = "update schedule set day = '$day', timecode
= '$timecode' where schedcode = '$schedcode'";
 mysql_query($updateqry);


 foreach($ucodes as $key2 => $u)
```

```php
		{
			$qry3 = "select * from user where usercode =
'$u'";
			$res3 = mysql_query($qry3, $dbaseconnect);
			$num3 = mysql_num_rows($res3);
			if($num3 != 0)
			{
				while($row3 =
mysql_fetch_array($res3))
				{
					$firstname =
$row3['firstname'];
					$middlename =
$row3['middlename'];
					$lastname =
$row3['lastname'];
					$email =
$row3['emailaddress'];
					$cellnumber =
$row3['cellnumber'];

					$firstname =
ucfirst($firstname);
					$middlename =
ucfirst($middlename);
					$lastname =
ucfirst($lastname);

					$name = "$firstname"."
"."$lastname";
					array_push($unames,
"$name");
					array_push($adds,
"$email");
					if($cellnumber != '')
					{
array_push($cell, "$cellnumber");
					}
				}
			}
		}

		include("../specialproject/_include/class.phpmailer.php");
		include("../specialproject/_include/mailInfo.php");

		$count = count($adds);
		for($i = 1; $i <= $count; $i++)
		{
			$n = array_pop($unames);
			$e = array_pop($adds);

			$message = "Dear $n,\n\nThis mail was sent to
inform you that $docname's schedule was updated. All the
reservations connected and affected with the schedule were
removed from the database.  We are deeply sorry for the
inconvenience. Thank you for using Online Health Cards
Manager and Appointment Reservation System. It is our
pleasure to serve you.\n\nOHCMARS System
Administrator";

			$msgonsendsuccess = "Message sending
successful.";

			$mail = new PHPMailer();
			$mail->IsSMTP(); // telling the class to use
SMTP
			$mail->Host = $host; // SMTP server
			$mail->From = $from;
			$mail->AddAddress($e, $n);
			$mail->FromName = $fromName;
			$mail->Subject = "OHCMARS Notification";
			$mail->Body = $message;
			$mail->WordWrap = 70;

			if(!$mail->Send())
			{
				echo "Message was not sent";
				echo "Mailer Error: " . $mail-
>ErrorInfo;
			}
			else
```

```php
			{
				print "";
			}
		}

	foreach($cell as $key => $c)
	{
		$cellnum = "+63"."$c";
		$msg = "The schedule of Dr. $docfname2
$doclname2 was updated. Your reservation was affected
and was automatically removed from the database.
OHCMARS";
			send_sms($cellnum, $def_coding, $msg);
	}

  echo "<center><p class=\"commontext\">$cnt
reservation(s) deleted.";
  echo "<center><p class=\"commontext\">You have
successfully update Dr. $docfname2 $doclname2's
schedule.<br><br><center><p class=\"linktext\"><a
href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&timecode=
$timecode&day=$day\"><font
color=\"#000000\">back</a>";
}

echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

edit_hcinformation.php

```php
<?
/*
edit_hcinformation.php

form when editing information about healthcard
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET[hccode];
$usercode = $_GET[usercode];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update Health Card
Information</td></tr>";
echo "<tr><td>";

$qry1 = "select * from healthcard where hccode =
'$hccode'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
  $row1 = mysql_fetch_array($res1);
  $benefits = $row1[hcbenefits];
  $hcname = $row1[hcname];
  $website = $row1[hcwebsite];
}
  echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="edithcinfo" method="post" action=""
id="edithcinfo">
<?
echo "<center><table cellpadding=\"10\">";
echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Name*</td><td><input type=\"text\"
```

```
name=\"hcname\" value=\"$hcname\"
maxlength=\"50\"></td></tr>";
 echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font
color=\"#CCCCCC\">Website*</td><td><input
type=\"text\" name=\"website\" value=\"$website\"
maxlength=\"50\"></td></tr>";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Services*</td><td><center><textare
a name=\"benefits\" cols=\"50\"
rows=\"15\">$benefits</textarea></td></tr>";
 echo "</table>";
 echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
 echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
 echo "<p>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"update healthcard information\" onClick=\"return
edit_hcinformation();\">";
 echo "</p>";
 echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";
 ?>
 </form>
 </body>
 </html>
 <?
 echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php"); ?
>
```

edit_hcinformation2.php

```
<?
/*
edit_hcinformation2.php

processes the inputs in edit_hcinformation.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update Health Card
Information</td></tr>";
echo "<tr><td>";

$hccode = $_POST[hccode];
$benefits = $_POST[benefits];
$usercode = $_POST[usercode];
$website = $_POST[website];
$hcname = $_POST[hcname];

$qry1 = "select * from healthcard where hcname =
'$hcname' and hccode != '$hccode'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 echo "<center><p class=\"commontext\">The name of
the healthcard already exists in the database.";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="edithcinfo" method="post" action=""
id="edithcinfo">
<?
echo "<center><table cellpadding=\"10\">";
```

```
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font color=\"#990000\">Health
Card Name*</td><td><input type=\"text\"
name=\"hcname\" maxlength=\"20\"></td></tr>";
 echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font
color=\"#CCCCCC\">Website*</td><td><input
type=\"text\" name=\"website\" value=\"$website\"
maxlength=\"50\"></td></tr>";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Services*</td><td><center><textare
a name=\"benefits\" cols=\"50\"
rows=\"15\">$benefits</textarea></td></tr>";
 echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
 echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
 echo "</table><br><br>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"update healthcard information\" onclick=\"return
edit_hcinformation();\">";
 echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";
 echo "</td></tr></table>";
 echo "</form></body></html>";
}
else
{
 $updateqry = "update healthcard set hcbenefits =
'$benefits', hcwebsite = '$website', hcname = '$hcname'
where hccode = '$hccode'";
 mysql_query($updateqry);

 echo "<center><p class=\"commontext\">You have
successfully updated the information about the
healthcard.<br><br>";
 echo "<br><a href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";
 echo "</td></tr></table>";
}

include("../specialproject/_include/bottom_design.php");
?>
```

edit_hospitalinfo.php

```
<?
/*
edit_hospitalinfo.php

form when editing information about the hospital
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update Hospital
Information</td></tr>";
echo "<tr><td>";

$hospquery = "select h.*, hc.* from hospital_clinic as h,
healthcard as hc where hc.hccode = '$hccode' and
h.hospcode = '$hospcode' and h.hccode = '$hccode'";
$result = mysql_query($hospquery, $dbaseconnect);
$num = mysql_num_rows($result);
if($num != 0)
{
 $fetchresult = mysql_fetch_array($result);
```

110

```php
$hospname = $fetchresult[hospname];
$hosploc = $fetchresult[hosploc];
$hcoffice = $fetchresult[hcoffice];
$hcname = $fetchresult[hcname];
}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br><br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="edithospinformation" method="post"
action="" id="edithospinformation">
<?
echo "<center><p
class=\"commontext\">Name*   <input
type=\"text\" name=\"hospn\" value=\"$hospname\"
maxlength=\"100\"><br><br>";
echo "Location*   <input type=\"text\"
name=\"hosploc\" maxlength=\"100\"
value=\"$hosploc\"><br><br>";
echo "HCoffice   <input type=\"text\"
name=\"hcoffice\" maxlength=\"100\"
value=\"$hcoffice\"><br><br>";
echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\">";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "</p>";
echo "<p class=\"italictext\">* indicates a required
field</p>";
echo "<p>";
echo "<input type=\"submit\" name=\"submit\"
value=\"update hospital information\" onClick=\"return
edithospinfo();\">     &nbsp
;";
echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
?>
  </p>
</form>
</body>
</html>
<?       echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php"); ?
>


edit_hospitalinfo2.php

<?
/*
edit_hospitalinfo2.php

processes the inputs in edit_hospitalinfo.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hospn = $_POST['hospn'];
$hosploc = $_POST['hosploc'];
$hcoffice = $_POST['hcoffice'];
$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$usercode = $_POST['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
```

```php
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update Hospital
Information</td></tr>";
echo "<tr><td>";


$hospquery = "select h.*, hc.* from hospital_clinic as h,
healthcard as hc where hc.hccode = '$hccode' and
h.hospcode = '$hospcode' and h.hccode = '$hccode'";
$result = mysql_query($hospquery, $dbaseconnect);
$num = mysql_num_rows($result);
if($num != 0)
{
 $fetchresult = mysql_fetch_array($result);
 $hospname = $fetchresult[hospname];
 $hcname = $fetchresult[hcname];
}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br>";

$qry1 = "select * from hospital_clinic where hospname =
'$hospn' and hospcode != '$hospcode' and hccode =
'$hccode'";
$res1 = mysql_query($qry1, $dbaseconnect);
$numrows2 = mysql_num_rows($res1);
if($numrows2 != 0)
{
 echo "<center><p class=\"commontext\">The hospital's
name already exists under $hcname.<br><br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="edithospinformation" method="post"
action="" id="edithospinformation">
<?
echo "<center><p
class=\"commontext\">Name*   <input
type=\"text\" name=\"hospn\" value=\"$hospn\"
maxlength=\"100\"><br><br>";
echo "Location*   <input type=\"text\"
name=\"hosploc\" maxlength=\"100\"
value=\"$hosploc\"><br><br>";
echo "HCoffice   <input type=\"text\"
name=\"hcoffice\" maxlength=\"100\"
value=\"$hcoffice\"><br><br>";
echo "<input type=\"hidden\" name=\"hccode\"
value=\"$hccode\">";
echo "<input type=\"hidden\" name=\"hospcode\"
value=\"$hospcode\">";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "</p>";
echo "<p class=\"italictext\">* indicates a required
field</p>";
echo "<p>";
echo "<input type=\"submit\" name=\"submit\"
value=\"update hospital information\" onClick=\"return
edithospinfo();\">     &nbsp
;";
echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
echo "</p></form></body></html>";
}
else
{

$hospquery2 = "select * from healthcard_office where
hospcode = '$hospcode'";
$result2 = mysql_query($hospquery2, $dbaseconnect);
$num2 = mysql_num_rows($result2);
```

```php
if($hcoffice != '')
{
 if($num2 != 0)
 {
         echo "<center><p class=\"commontext\">The
hospital has $num2 entry/entries in the list of outside
offices. These will all be deleted to give way for the new
health card office inside the hospital. Proceed with the
deletion?<br>";
?>
<html>
<head>
<script></script>
</head>
<body>
<form name="edithospinfo" method="post"
action="deloutside_office.php" id="edithospinfo">
 <input type="hidden" name="hccode" value="<? echo
$hccode" ;?>">
 <input type="hidden" name="hospname" value="<? echo
$hospname" ;?>">
 <input type="hidden" name="hosploc" value="<? echo
$hosploc" ;?>">
 <input type="hidden" name="hcoffice" value="<? echo
$hcoffice" ;?>">
 <input type="hidden" name="hospcode" value="<? echo
$hospcode" ;?>">
 <input type="hidden" name="usercode" value="<? echo
$usercode" ;?>">
<?
echo "<input type=\"radio\" name=\"answer\"
value=\"yes\">yes<br>";
echo "<input type=\"radio\" name=\"answer\"
value=\"no\">no<br><br>";
echo "<input type=\"submit\" name=\"submit\"
value=\"submit answer\">";
?>
</p>
</form>
</body>
</html>
<?
 }
 else
 {
         echo "<center><p
class=\"commontext\">$hcname's office inside of
$hospname: $hcoffice<br><br>";

         $updateqry = "update hospital_clinic set
hospname = '$hospn', hosploc = '$hosploc', hcoffice =
'$hcoffice' where hospcode = '$hospcode' and hccode =
'$hccode'";
         mysql_query($updateqry);
         echo "<center><p class=\"commontext\">You
have successfully updated the hospital's
information.<br><br>";
         echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
 }
}
else
{
 if($num2 != 0)
 {
         $updateqry = "update hospital_clinic set
hospname = '$hospn', hosploc = '$hosploc', hcoffice =
'$hcoffice' where hospcode = '$hospcode' and hccode =
'$hccode'";
         mysql_query($updateqry);
         echo "<center><p class=\"commontext\">You
have successfully updated the hospital's information.";
         echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
 }
 else
 {
```

```php
         echo "<center><p class=\"commontext\">The
hospital has no entry in the list of outside offices. The
hospital must have an office where users can visit first
before going to the doctor. Want to add an outside office?";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="edithosp1" method="post"
action="addoutside_office.php" id="edithosp1">
 <input type="hidden" name="hccode" value="<? echo
$hccode" ;?>">
 <input type="hidden" name="hospname" value="<? echo
$hospname" ;?>">
 <input type="hidden" name="hosploc" value="<? echo
$hosploc" ;?>">
 <input type="hidden" name="hcoffice" value="<? echo
$hcoffice" ;?>">
 <input type="hidden" name="hospcode" value="<? echo
$hospcode" ;?>">
 <input type="hidden" name="usercode" value="<? echo
$usercode" ;?>">
<?
echo "<input type=\"radio\" name=\"answer\"
value=\"yes\">yes<br>";
echo "<input type=\"radio\" name=\"answer\"
value=\"no\">no<br><br>";
echo "<input type=\"submit\" name=\"submit\"
value=\"submit answer\" onClick=\"return
edithosp();\"><br><br>";
echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
?>
</p>
</form>
</body>
</html>
<?
 }
}
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

edit_officeinfo.php

```php
<?
/*
edit_officeinfo.php

form when editing information about an office
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$officecode = $_GET['officecode'];
$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update Office
Information</td></tr>";
echo "<tr><td>";

$ofisqry = "select ho.*, hc.*, h.* from hospital_clinic as h,
healthcard as hc, healthcard_office as ho where hc.hccode
= '$hccode' and ho.officecode = '$officecode' and
ho.hospcode = '$hospcode' and h.hospcode = '$hospcode'
and h.hccode = '$hccode'";
```

112

```
$result = mysql_query($ofisqry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 $fetchinfo = mysql_fetch_array($result);
 $officename = $fetchinfo['officename'];
 $officeloc = $fetchinfo['officeloc'];
 $hospname = $fetchinfo['hospname'];
 $hcname = $fetchinfo['hcname'];
}

 echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br>Office's name: $officename
[$officecode]<br><br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="editofficeinfo" method="post" action=""
id="editofficeinfo">
<?
echo "<center><p class=\"commontext\">Office's
name*   <input type=\"text\"
name=\"officename\" value=\"$officename\"
maxlength=\"100\"><br><br>";
echo "Office's location*   <input
type=\"text\" name=\"officeloc\" maxlength=\"100\"
value=\"$officeloc\"><br><br>";
echo "<p class=\"italictext\">* indicates a required
field</p>";
?>
<input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
<input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
<input type="hidden" name="officecode" value="<? echo
"$officecode" ;?>">
<input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
 <p>
<?
 echo "<input type=\"submit\" name=\"submit\"
value=\"edit office information\" onClick=\"return
edit_officeinformation();\">    &nb
sp; ";
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
 echo "<p class=\"linkstext\"><a
href=\"manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back</a>";
?>
 </p>
</form>
</body>
</html>
<?
echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>


edit_officeinfo2.php

<?
/*
edit_officeinfo2.php

processes the input in edit_officeinfo.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$officecode = $_POST['officecode'];
```

```
$officename = $_POST['officename'];
$officeloc = $_POST['officeloc'];
$usercode = $_POST['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update Office
Information</td></tr>";
echo "<tr><td>";

$nameqry = "select h.*, hc.*, ho.* from healthcard_office
as ho, hospital_clinic as h, healthcard as hc where
h.hospcode = '$hospcode' and h.hccode = '$hccode' and
hc.hccode = '$hccode' and ho.hospcode = '$hospcode' and
ho.officecode = '$officecode'";
$res = mysql_query($nameqry, $dbaseconnect);
$num = mysql_num_rows($res);
if($num != 0)
{
 $row = mysql_fetch_array($res);
 $hcname = $row[hcname];
 $hospname = $row[hospname];
 $office = $row[officename];
}

$qry1 = "select * from healthcard_office where officename
= '$officename' and officecode != '$officecode'";
$result = mysql_query($qry1, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 echo "<center><p class=\"commontext\">The name you
entered is already been used by another office outside of a
hospital.<br><br>";
 echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br>Office's name: $office
[$officecode]<br><br>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="editofficeinfo" method="post" action=""
id="editofficeinfo">
<?
echo "<center><p class=\"commontext\">Office's
name*   <input type=\"text\"
name=\"officename\" value=\"$officename\"
maxlength=\"100\"><br><br>";
echo "Office's location*   <input
type=\"text\" name=\"officeloc\" maxlength=\"100\"
value=\"$officeloc\"><br><br>";
echo "<p class=\"italictext\">* indicates a required
field</p>";
?>
<input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
<input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
<input type="hidden" name="officecode" value="<? echo
"$officecode" ;?>">
<input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
 <p>
<?
 echo "<input type=\"submit\" name=\"submit\"
value=\"edit office information\" onClick=\"return
edit_officeinformation();\">    &nb
sp; ";
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br><br>";
 echo "<p class=\"linkstext\"><a
href=\"manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back</a>";
?>
```

```php
  </p>
</form>
</body>
</html>
<?
}
else
{
 $qry = "update healthcard_office set officename =
'$officename', officeloc = '$officeloc' where hospcode =
'$hospcode' and officecode = '$officecode'";
 mysql_query($qry);

 echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]<br>Hospital's name:
$hospname [$hospcode]<br>Office's name: $officename
[$officecode]<br><br>";

 echo "<center><p class=\"commontext\">You have
successfully edited the office's information.<br><br>";
 echo "<center><p class=\"linkstext\"><a
href=\"manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back</a><br><br>";
}
 echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>


**editprofile.php**

<?
/*
editprofile.php

allows the user and system administrator to edit their
profile
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update
Profile</td></tr>";
echo "<tr><td>";

if($usercode == 'systemadministrator')
{
 $editqry = "select * from system_ad where usercode =
'systemadministrator'";
}
else
{
 $editqry = "select * from user where usercode =
'$usercode'";
}

$result = mysql_query($editqry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 $fetcharray = mysql_fetch_array($result);
 $uname = $fetcharray[username];
 $password = $fetcharray[password];
 $firstname = $fetcharray[firstname];
 $middlename = $fetcharray[middlename];
 $lastname = $fetcharray[lastname];
 $emailaddress = $fetcharray[emailaddress];
 $cellnumber = $fetcharray[cellnumber];
}
echo "<br><br><center><table border=0
cellpadding=4>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="edit_profile" method="post" action=""
id="edit_profile">
<?
echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font
color=\"#990000\">Username*</td><td
bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"uname\" value=\"$uname\"
maxlength=\"20\"></td></tr>";
 echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font
color=\"#CCCCCC\">Password*</td><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"password\" name=\"password\"
value=\"$password\" maxlength=\"20\"></td></tr>";
 echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Re-enter
password*</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"password\" name=\"repassword\"
value=\"$password\" maxlength=\"20\"></td></tr>";
 echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">First
name*</td><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\"><input
type=\"text\" name=\"firstname\" value=\"$firstname\"
maxlength=\"50\"></td></tr>";
 echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Middle
name</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"middlename\"
value=\"$middlename\" maxlength=\"50\"></td></tr>";
 echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">Last
name*</td><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\"><input
type=\"text\" name=\"lastname\" value=\"$lastname\"
maxlength=\"50\"></td></tr>";
 echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Email
address*</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"emailaddress\"
value=\"$emailaddress\"></td></tr>";
 echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">Mobile
phone number</td><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font
color=\"#CCCCCC\">+63 <input type=\"text\"
name=\"mbphonenumber\" value=\"$cellnumber\"
maxlength=\"10\"></td></tr>";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "</tR></td></table>";
echo "<hr></hr>";
if($usercode == 'systemadministrator')
{
 echo "<p class=\"italictext\">* indicates a required
field</p>";
 echo "<p>";
 echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\"></p>";
 echo "<p>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"update profile\" onClick = \"return
editprofilesysad();\">     &n
bsp;";
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br>";
 echo "</p>";
}
else
{
```

```
 echo "<p class=\"italictext\">* indicates a required
field<br>Note: If email address is changed, account will be
set to \"inactive\" status and you will have to log in to the
new email address you entered to activate your account
again. If you want to receive notifications via SMS, just fill
out the field for mobile phone number.</p>";
 echo "<p>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"update profile\" onClick=\"return
editprofile();\">      "
;
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br>";
 echo "</p>";
}
?>
</form>
</body>
</html>
<?
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

editprofile_sysad2.php

```
<?
/*
editprofile_sysad2.php

processes the updates done by the system administrator on
his profile
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$emailaddress = $_POST['emailaddress'];
$password = $_POST['password'];
$repassword = $_POST['repassword'];
$firstname = $_POST['firstname'];
$middlename = $_POST['middlename'];
$lastname = $_POST['lastname'];
$user = $_POST['user'];
$usercode = $_POST['usercode'];
$mbphonenumber = $_POST['mbphonenumber'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update
Profile</td></tr>";
echo "<tr><td>";

$unameqry = "select * from user where username =
'$uname'";
$result = mysql_query($unameqry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 echo "<center><p class=\"commontext\">The username
you entered has already been used by a user.";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="editprofile2" method="post" action=""
id="editprofile2">
<?
echo "<center><table cellpadding=\"10\">";
echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Username*</td><td><input
type=\"text\" name=\"uname\"
maxlength=\"20\"></td></tr>";
echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font
```

```
color=\"#CCCCCC\">Password*</td><td><input
type=\"password\" name=\"password\"
value=\"$password\" maxlength=\"20\"></td></tr>";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font color=\"#990000\">Re-enter
password*</td><td><input type=\"password\"
name=\"repassword\" value=\"$repassword\"
maxlength=\"20\"></td></tr>";
 echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font color=\"#CCCCCC\">First
name*</td><td><input type=\"text\" name=\"firstname\"
value=\"$firstname\" maxlength=\"50\"></td></tr>";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font color=\"#990000\">Middle
name</td><td><input type=\"text\"
name=\"middlename\" value=\"$middlename\"
maxlength=\"50\"></td></tr>";
 echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font color=\"#CCCCCC\">Last
name*</td><td><input type=\"text\" name=\"lastname\"
value=\"$lastname\" maxlength=\"50\"></td></tr>";
 echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font color=\"#990000\">Email
address*</td><td><input type=\"text\"
name=\"emailaddress\" value=\"$emailaddress\"
maxlength=\"50\"></td></tr>";
 echo "<tr bgcolor=\"#990000\"><td><p
class=\"commontext\"><font color=\"#CCCCCC\">Mobile
phone number</td><td><font
color=\"#CCCCCC\">+63 <input type=\"text\"
name=\"mbphonenumber\" value=\"$mbphonenumber\"
maxlength=\"10\"></td></tr>";
 echo "</table>";
 echo "<p class=\"italictext\">* indicates a required
field</p>";
 echo "<p>";
 echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\"></p>";
 echo "<p>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"update profile\" onClick = \"return
editprofile();\">      "
;
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br>";
 echo "</p>";
?>
 </p>
</form>
</body>
</html>
<?
}
else
{
 $updateqry = "update system_ad set emailaddress =
'$emailaddress', password = '$password', firstname =
'$firstname', middlename = '$middlename', lastname =
'$lastname', username = '$uname', cellnumber =
'$mbphonenumber' where usercode = '$usercode'";
 mysql_query($updateqry);

 echo "<center><p class=\"commontext\">You have
successfully updated your profile.";
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

editprofile2.php

```
<?
/*
editprofile2.php

processes the inputs done by the user in editprofile.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
```

```php
$usernameqry = "select * from user where usercode =
'$usercode'";
$result = mysql_query($usernameqry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 $fetchuname = mysql_fetch_array($result);
 $username = $fetchuname[username];
 $emailadd = $fetchuname[emailaddress];
}

$uname = $_POST['uname'];
$firstname = $_POST['firstname'];
$middlename = $_POST['middlename'];
$lastname = $_POST['lastname'];
$emailaddress = $_POST['emailaddress'];
$mbphonenumber = $_POST['mbphonenumber'];
$repassword = $_POST['repassword'];
$password = $_POST['password'];

echo "<table width=\"560\" height=\"590\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update
Profile</td></tr>";
echo "<tr><td>";

$usernameqry2 = "select * from user where username =
'$uname' and usercode != '$usercode'";
$result2= mysql_query($usernameqry2, $dbaseconnect);
$numrows2 = mysql_num_rows($result2);

if(($numrows2 == 0) && ($emailadd == $emailaddress))
{
 echo "<center><p class=\"commontext\"><font
color=\"#000000\">You have successfully edited your
account settings.";
 $updateqry = "update user set firstname = '$firstname',
middlename = '$middlename', lastname = '$lastname',
username = '$uname', password = '$password',
emailaddress = '$emailaddress', cellnumber =
'$mbphonenumber' where usercode = '$usercode'";
 mysql_query($updateqry);
}
elseif(($numrows2 != 0) && ($emailadd ==
$emailaddress))
{
 echo "<center><p class=\"commontext\"><font
color=\"#000000\">The username you have entered has
already been used by another user. Please input another
username.<br>";
?>
 <html>
 <head>
 <script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
 </head>
 <body>
 <form name="edit_profile" method="post" action=""
id="edit_profile">
 <p>
<?
            echo "<center><table border=0
cellpadding=4>";
            echo "<tr><td
bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font
color=\"#990000\">Username*</td><td
bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"uname\" value=\"$uname\"
maxlength=\"20\"></td></tr>";
            echo "<tr><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font
color=\"#CCCCCC\">Password*</td><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"password\" name=\"password\"
value=\"$password\" maxlength=\"20\"></td></tr>";

            echo "<tr><td
bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Re-enter
password*</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"password\" name=\"repassword\"
value=\"$password\" maxlength=\"20\"></td></tr>";
            echo "<tr><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">First
name*</td><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\"><input
type=\"text\" name=\"firstname\" value=\"$firstname\"
maxlength=\"50\"></td></tr>";
            echo "<tr><td
bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Middle
name</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"middlename\"
value=\"$middlename\" maxlength=\"50\"></td></tr>";
            echo "<tr><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">Last
name*</td><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\"><input
type=\"text\" name=\"lastname\" value=\"$lastname\"
maxlength=\"50\"></td></tr>";
            echo "<tr><td
bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Email
address*</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"emailaddress\"
value=\"$emailaddress\"></td></tr>";
            echo "<tr><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">Mobile
phone number</td><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font
color=\"#CCCCCC\">+63 <input type=\"text\"
name=\"mbphonenumber\" value=\"$mbphonenumber\"
maxlength=\"10\"></td></tr>";
            echo "<input type=\"hidden\"
name=\"usercode\" value=\"$usercode\">";
            echo "</tR></td></table>";
            echo "<hr></hr>";
            echo "<p class=\"italictext\">* indicates a
required field<br>Note: If email address is changed,
account will be set to \"inactive\" status and you will have
to log in to the new email address you entered to activate
your account again. If you want to receive notifications via
SMS, just fill out the field for mobile phone number.</p>";
            echo "<p>";
            echo "<input type=\"submit\" name=\"submit\"
value=\"update profile\" onClick=\"return
editprofile();\">      "
;
            echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br>";
            echo "</p>";
?>
 </p>
 </form>

 </body>
 </html>
<?
}
elseif(($numrows2 == 0) && ($emailadd !=
$emailaddress))
{
 $updateqry = "update user set userstatus = 'inactive',
username = '$uname', firstname = '$firstname',
middlename = '$middlename', lastname = '$lastname',
cellnumber = '$mbphonenumber', password = '$password',
emailaddress = '$emailaddress' where usercode =
'$usercode'";
 mysql_query($updateqry);

 include("../specialproject/_include/class.phpmailer.php");
```

```php
include("../specialproject/_include/mailInfo.php");

$name = "$lastname".",".."$firstname";

$link =
"http://localhost/restricted/specialproject/insertreginformati
on_edit.php?username=$username&usercode=$usercode";
$subject = "OHCMARS Account Activation";

$message = "Dear $firstname,\n\nThis mail was sent to
confirm the validity of your email address. Please click on
the link below to successfully activate your account.\nThank
you for using Online Healthcards Manager and Appointment
Reservation System. It is our pleasure to serve
you.\n\n$link";

$mail = new PHPMailer();
$mail->IsSMTP(); // telling the class to use SMTP
$mail->Host = $host; // SMTP server
$mail->From = $from;
$mail->AddAddress($emailaddress, $name);
$mail->FromName = $fromName;
$mail->Subject = "OHCMARS Account Activation";
$mail->Body = $message;
$mail->WordWrap = 70;

if(!$mail->Send())
{
        echo "Message was not sent";
        echo "Mailer Error: " . $mail->ErrorInfo;
}
else
{
        print "";
}


echo "<center><p class=\"commontext\"><font
color=\"#000000\">Your account was set to inactive
because of the change you made in your email address. A
notification has been sent to confirm the validity of the new
email address. Upon validation of the new email address,
the account will be back into active status.";
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>


**exportlist.php**

<?
/*
exportlist.php

exports the list of approved reservations viewed through
"view approved reservations" link, into excel format
*/

include("../specialproject/_include/dbaseconnect.php");

header('Content-type: application/csv');
header('Content-Disposition: attachment;
filename="export.csv"');

$hccode = $_GET['hccode'];
$doccode = $_GET['doccode'];
$hospcode = $_GET['hospcode'];
$month = $_GET['month'];
$date = $_GET['date'];
$year = $_GET['year'];
$usercode = $_GET['usercode'];

$out = '';

include ("../specialproject/_include/convertmonth.php");

$day = date("l", mktime(0, 0, 0, "$mon", "$date",
"$year"));

$appointmentdate = "$month"." "."$date".","." "."$year";
```

```php
$qry = "select * from reservation where desireddate =
'$date' and desiredmonth = '$month' and desiredyear =
'$year' and hccode = '$hccode' and status = 'approved' and
doccode = '$doccode' and hospcode = '$hospcode'";
$res = mysql_query($qry, $dbaseconnect);
$num = mysql_num_rows($res);
if($num != 0)
{
  while($row = mysql_fetch_array($res))
  {
        $datemade = $row[datemade];
        $monthmade = $row[monthmade];
        $yearmade = $row[yearmade];
        $restime = $row[restime];
        $ucode = $row[usercode];
        $schedcode = $row[schedcode];
        $reservecode = $row[reservecode];

        $reservationmade = "$monthmade"."
"."$datemade".","." "."$yearmade";

        $qry3 = "select h.*, d.*, hc.*, u.*,s.* from
schedule as s, hospital_clinic as h, doctor as d, user as u,
healthcard as hc where hc.hccode = '$hccode' and
h.hospcode = '$hospcode' and h.hccode = '$hccode' and
d.doccode = '$doccode' and d.hospcode = '$hospcode' and
u.usercode = '$ucode' and s.schedcode = '$schedcode'";
        $res3 = mysql_query($qry3, $dbaseconnect);
        $num3 = mysql_num_rows($res3);
        if($num3 != 0)
        {
                $row3 = mysql_fetch_array($res3);
                $hcname = $row3[hcname];
                $hospname = $row3[hospname];
                $docfname = $row3[docfname];
                $doclname = $row3[doclname];
                $docmname = $row3[docmname];
                $userfname = $row3[firstname];
                $usermname = $row3[middlename];
                $userlname = $row3[lastname];
                $timecode = $row3[timecode];
                $firstname = $row3[firstname];
                $middlename = $row3[middlename];
                $lastname = $row3[lastname];
        }

        $docfname = ucfirst($docfname);
        $docmname = ucfirst($docmname);
        $doclname = ucfirst($doclname);

        $docname = "$docfname"." "."$doclname";

        $firstname = ucfirst($firstname);
        $middlename = ucfirst($middlename);
        $lastname = ucfirst($lastname);
        $uname = "$firstname"." "."$middlename"."
"."$lastname";

        $qry2 = "select * from schedule where
schedcode = '$schedcode' and doccode = '$doccode' and
hospcode = '$hospcode'";
        $res2 = mysql_query($qry2, $dbaseconnect);
        $num2 = mysql_num_rows($res2);
        if($num2 != 0)
        {
                $row2 = mysql_fetch_array($res2);
                $timecode = $row2[timecode];
        }

        $qry4 = "select * from time where timecode =
'$timecode'";
        $res4 = mysql_query($qry4, $dbaseconnect);
        $num4 = mysql_num_rows($res4);
        if($num4 != 0)
        {
                $row4 = mysql_fetch_array($res4);
                $timename = $row4[timename];
        }

        $insertqry = "insert into dummy_table (hcname,
hospname, docname, reservecode, usersname,
sched_of_appointment, time_of_appointment,
```

```
date_reservation_made, time_reservation_made,
status_reservation) values ('$hcname', '$hospname',
'$docname', '$reservecode', '$uname', '$appointmentdate',
'$timename', '$reservationmade', '$restime', 'approved')";
            mysql_query($insertqry);
 }
}

$result = mysql_query("select * from dummy_table",
$dbaseconnect);

$out = '';
$fields = mysql_list_fields(ohcmars, dummy_table);
$columns = mysql_num_fields($fields);


for ($i = 0; $i < $columns; $i++)
{
$l = mysql_field_name($fields, $i);
$out .= '"'.$l.'",';
}
$out .="\n";

while ($l = mysql_fetch_array($result))
{
for ($i = 0; $i < $columns; $i++)
{
 $out .='"'.$l["$i"].'",';
}
$out .="\n";
}

$f = fopen ('export.csv','w');

fputs($f, $out);
fclose($f);
readfile('export.csv');

$delqry = "delete from dummy_table";
mysql_query($delqry);
$sqry= "select * from dummy_table";
$s = mysql_query($sqry);
$n = mysql_num_rows($s);
if($s == '')
{
 echo "<p class=\"commontext\" align=\"center\">List of
approved reservations successfully exported to excel
spreadsheet.<br>";
 echo "<p class=\"linkstext\" align=\"center\"><a
href=\"view_approvedreservations.php?
usercode=$usercode&hccode=$hccode&hospco
de&doccode=$doccode&rmonth=$month&rdate=$date&rye
ar=$year\"><font color=\"#000000\">back</a>";
}
?>
```

fillhcoffice.php

```
<?
/*
fillhcoffice.php

the system administrator deletes an office outside of the
hospital. System founds out that hospital has only one
office. System asks the system administrator to add
another office before actually deleting the chosen office or
fill out the HCoffice field of the hospital. The system
administrator chooses to fill out the HCoffice field of the
hospital
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hcoffice = $_POST['hcoffice'];
$hccode = $_POST['hccode'];
$hospcode = $_POST['hospcode'];
$officecode = $_POST['officecode'];
$usercode = $_POST['usercode'];
```

```
echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Update Hospital
Information</td></tr>";
echo "<tr><td>";

$qry = "select h.*, hc.* from healthcard as hc,
hospital_clinic as h where h.hospcode = '$hospcode' and
hc.hccode = '$hccode' and h.hccode = '$hccode'";
$res = mysql_query($qry, $dbaseconnect);
$num = mysql_num_rows($res);
if($num != 0)
{
 $fetcharray = mysql_fetch_array($res);
 $hcname = $fetcharray[hcname];
 $hospname = $fetcharray[hospname];
}

$insertqry = "update hospital_clinic set hcoffice =
'$hcoffice' where hccode = '$hccode' and hospcode =
'$hospcode'";
mysql_query($insertqry);

$delqry = "delete from healthcard_office where officecode
= '$officecode' and hospcode = '$hospcode'";
mysql_query($delqry);

echo "<center><p class=\"commontext\">Health card
name: $hcname<br>Hospital's name:
$hospname<br>$hcname's office inside of $hospname:
$hcoffice<br>";
echo "<center><p class=\"commontext\">You have
successfully updated the field for office inside $hospname
[$hcname]. The office outside of $hospname [office code:
$officecode] has also been deleted.<br><br>";
echo "<center><p class=\"linkstext\"><a
href=\"manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back</a>";
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

for_sms.php

```
<?
/*
for_sms.php

functions used in sending SMS notifications to users who
specified their mobile phone numbers upon registration
*/

$def_coding = "Default_No_Compression";
$def_servermobile = "09224853172";

function connect_gammu()
{
$gammudbasename = 'smsd';
$gammudbasehost = 'localhost';
$gammudbaseuser = 'root';
$gammudbasepassword = '';
GLOBAL $gammudbaseconnect;

$gammudbaseconnect =
mysql_connect($gammudbasehost, $gammudbaseuser,
$gammudbasepassword);

if(!$gammudbaseconnect)
{
 echo "Error connecting to $gammudbasename database.";
 exit;
}

mysql_select_db($gammudbasename);
}

function send_sms($mobilenum, $coding, $msg)
{
connect_gammu();
```

```php
$msglength = strlen($msg);

if($msglength <= 160)
{
 $sms_insert = "insert into outbox (DestinationNumber,
Coding, TextDecoded) values ('$mobilenum', '$coding',
'$msg')";
 $sms_result = mysql_query($sms_insert) or
die(mysql_error());
}
else
{
 $n = ceil($msglength/154);

 $arr_string = array();
 $msg2 = array();
 $offset = 0;
 for($k = 1; $k <= $n; $k++)
 {
        $msg_multipart = substr($msg, $offset, $offset
+ 154);
        array_push($msg2, "$msg_multipart");
        $offset = $offset + 154;
 }

 krsort($msg2);
 for($ctr = 1; $ctr<= $n; $ctr++)
 {
        $smsmsg = "($ctr/$n) ".$msg2[$ctr-1];
        $sms_insert = "insert into outbox
(DestinationNumber, Coding, TextDecoded) values
('$mobilenum', '$coding', '$smsmsg')";
        $sms_result = mysql_query($sms_insert) or
die(mysql_error());
 }
}
}
?>


index.php

<?
/*
index.php

login page for the user
*/
?>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN">
<html>
<head>
<title>OHCMARS - Your Online Health Card Manual</title>
<meta http-equiv="Content-Type" content="text/html;
charset=iso-8859-1">
<link href="../specialproject/_include/ohcmars_css.css"
rel="stylesheet" type="text/css">
</head>
<body>
<a name="top"></a><? //header.php ?>
<table width="800" height="800" border="0"
align="center" cellpadding="0" cellspacing="0">
 <tr>
   <td height="800">
<table width="100%" height="800" border="0"
cellpadding="0" cellspacing="0">
      <tr>
       <td height="256" bgcolor="#993333"><table
align="center" width="750" height="200" border="0"
align="center" cellpadding="0" cellspacing="0"><tr><td
height='200' width='430'
background="../specialproject/images/text.gif"></td><td
height='200' width='318'
background="../specialproject/images/pix.gif"></td></tr>
</table></td>
      </tr>
      <tr>
```

```php
          <td height="549"><table width="800"
height="547" border="0" cellspacing="0"
cellpadding="10">
          <tr>
            <td width="30%" height="566"
bgcolor="#990000">
                 <?
include("../specialproject/_include/dbaseconnect.php");

                    echo "<table height
=\"300\">";
                    echo "<center><p
class=\"commontext2\"><font
color='#CCCCCC'>Username: guest";
                    echo "<p>";
                    echo "<form
name=\"login\" method=\"get\" action=\"login2.php\"
id=\"\">";
                    echo "<center><p
class=\"commontext2\"><font
color='#CCCCCC'>Username:   <input
type=\"text\" name=\"username\">";
                    echo "<br><br>";
                    echo "<font
color='#CCCCCC'>Password:   <input
type=\"password\" name=\"password\">";
                    echo "<br>";
                    echo "<center><input
type=\"submit\" name=\"submit\"
value=\"login\">    <input
type=\"reset\" name=\"reset\"
value=\"reset\"></center><br>";
                    echo "<center><br>";
                    echo "<a
href=\"view_healthcardslist.php?usercode=guest\"><p
class=\"linkstext\"><font color='#CCCCCC'>view list of
healthcards</p></a>";
                    echo "<a
href=\"search.php?usercode=guest\"><p
class=\"linkstext\"><font color='#CCCCCC'>search for a
doctor</p></a>";
                    echo "<a
href=\"signup.php?usercode=guest\"><p
class=\"linkstext\"><font color='#CCCCCC'>sign
up</p></a></p></center><br>";
                    echo "</p>";
                    echo "</form>";
                    echo "</p>";
                    echo "</table>";
                 ?>

          <table width="224" height="220" border="0"
cellpadding="0" cellspacing="0"
background="../specialproject/images/Up_centennial_logo3
.gif"> <tr>
              <td height="50">
                        </td>
            </tr>
          </table></td>
          <td width="70%">
                 <?
                 echo "<table
width=\"560\" height=\"550\" cellpadding=\"0\"
cellspacing=\"0\">";
                    echo "<tr><td
height=\"57\" bgcolor=\"#990000\"><p class=\"titletext\"
align=\"center\"><font color='#CCCCCC'>Welcome!
</p></td></tr>";
                    echo "<tr><td>";

                    $qry1 = "select * from
hospital_clinic";
                    $res1 =
mysql_query($qry1, $dbaseconnect);
                    $numhosp =
mysql_num_rows($res1);

                    $qry2 = "select * from
doctor";
```

```php
                            $res2 =
mysql_query($qry2, $dbaseconnect);
                            $numdoc =
mysql_num_rows($res2);

                                            echo
"<table><tr><td>";
                            echo "<p
class=\"commontext\" align=\"justify\">The Online Health
Cards Manager and Appointment Reservation System
(OHCMARS) is a consolidation of, initially, four healthcards,
namely: Maxicare, MedServ, MEDICard and IntelliCare. The
system was designed to hold information about the four
health cards mentioned, its services, affiliated hospitals and
doctors -- all these are kept in the OHCMARS database and
launched to the users as real time information. Adding to
that, OHCMARS incorporated also a reservation functionality
from which registered users can reserve an available
timeslot for appointment with a doctor.</p>";
                                    echo "<p
class=\"commontext\" align=\"justify\">The system
currently houses information about the four healthcards,
$numhosp hospitals and $numdoc doctors. The hospitals
are grouped according to healthcard and the doctors,
according to hospital.</p>";
                                echo "<p
class=\"commontext\" align=\"justify\">So register now
(it's free) and be a part of OHCMARS. It's our pleasure to
serve you.</p>";
                                        echo
"</td></tr></table>";
                                        echo
"</td></tr></table>";
                                ?></td>
                                                        </tr>
            </table></td>
        </tr>
        <tr>
          <td height="80" bgcolor="#993333"><center>
<table width="627" height="66" border="0"
cellpadding="0" cellspacing="0" bordercolor="#993333"
bgcolor="#993333">
 <tr>
    <td height="46"><div align="center"> <font
color="#CCCCCC" size="1" face="Verdana, Arial, Helvetica,
sans-serif">Online
      Health Cards Manager and Appointment Reservation
System</font><br>
  <font color="#CCCCCC" size="1" face="Verdana, Arial,
Helvetica, sans-serif">CMSC
      199 - Special Problem :: Richelle E. Argones :: 2003-
39157<br>Copyright &copy 2007. UP
Manila</font><br><font color="#CCCCCC" size="1"
face="Verdana, Arial, Helvetica, sans-
serif"></font></div></td>
   </tr>
</table>
</td>
  </tr>
</table>
</body>
</html>
```

insertreginformation.php

```php
<?
/*
insertreginformation.php

activates the user's account
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$username = $_GET['username'];
$code = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
```

```php
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Activate
Account</td></tr>";
echo "<tr><td>";

$updateqry = "update user set userstatus = 'active' where
usercode = '$code' and username = '$username'";
mysql_query($updateqry);

echo "<center><p class=\"commontext\"><font
color=\"#990000\">Account successfully activated. You can
now use your username and password in logging in to the
Online Health Cards Manager and Appointment Reservation
System.</a>";

echo "</td></tr></table>";

include("../specialproject/_include/bottom_design.php");
?>
```

insertreginformation_edit.php

```php
<?
/*
insertreginformation_edit.php

activates a user's account (when user edits his profile and
changes his email address, system turns the user's account
to inactive)
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Activate
Account</td></tr>";
echo "<tr><td>";

$updateqry = "update user set userstatus = 'active' where
usercode = '$usercode'";
mysql_query($updateqry);

echo "<center><p class=\"commontext\"><font
color=\"#990000\">Account successfully activated. You can
now use your username and password in logging in to the
Online Health Cards Manager and Appointment Reservation
System.</a>";

echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

invalid_login.php

```php
<?
/*
invalid_login.php

where the users are directed when inputs in the login page
are incorrect
*/

include("../specialproject/_include/session.php");
?>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN">
<html>
<head>
<title>OHCMARS - Your Online Health Card Manual</title>
<meta http-equiv="Content-Type" content="text/html;
charset=iso-8859-1">
<link href="../specialproject/_include/ohcmars_css.css"
rel="stylesheet" type="text/css">
</head>
<body>
```

```php
<a name="top"></a><? //header.php ?>
<table width="800" height="800" border="0" align="center" cellpadding="0" cellspacing="0">
  <tr>
    <td height="800"><table width="100%" height="800" border="0" cellpadding="0" cellspacing="0">
      <tr>
        <td height="256" bgcolor="#993333"><table align="center" width="750" height="200" border="0" align="center" cellpadding="0" cellspacing="0"><tr><td height='200' width='430' background="../specialproject/images/text.gif"></td><td height='200' width='318' background="../specialproject/images/pix.gif"></td></tr></table></td>

      </tr>
      <tr>
        <td height="549"><table width="800" height="547" border="0" cellspacing="0" cellpadding="10">
          <tr>
            <td width="30%" height="566" bgcolor="#990000">
              <?
include("../specialproject/_include/dbaseconnect.php");

                    echo "<table>";
                    echo "<center><p class=\"commontext2\"><font color='#CCCCCC'>Invalid username/password.";
                    echo "<center><p class=\"commontext2\"><font color='#CCCCCC'>Username: guest";
                    echo "<p>";
                    echo "<form name=\"login\" method=\"get\" action=\"login2.php\" id=\"\">";
                    echo "<center><p class=\"commontext2\"><font color='#CCCCCC'>Username:   <input type=\"text\" name=\"username\">";
                    echo "<br><br>";
                    echo "<font color='#CCCCCC'>Password:   <input type=\"password\" name=\"password\">";
                    echo "<br><br>";
                    echo "<center><input type=\"submit\" name=\"submit\" value=\"login\">    <input type=\"reset\" name=\"reset\" value=\"reset\"></center><br>";
                    echo "<center><br><br>";

                    echo "<p class=\"linkstext\"><a href=\"view_healthcardslist.php?usercode=guest\"><font color='#CCCCCC'>view list of healthcards</a><br><br>";
                    echo "<a href=\"search.php?usercode=guest\"><font color='#CCCCCC'>search for a doctor</a><br><br>";
                    echo "<a href=\"signup.php?usercode=guest\"><font color='#CCCCCC'>sign up</a></center><br>";
                    echo "</p>";
                    echo "</form>";
                    echo "</table>";

             ?>
                <center><table width="224" height="220" border="0" cellpadding="0" cellspacing="0" background="../specialproject/images/Up_centennial_logo3.gif">
                  <tr>
  <td height="50"> </td>
                    </tr>
                  </table></td>
    <td width="70%">
  <?
                    echo "<table width=\"560\" height=\"550\" cellpadding=\"0\" cellspacing=\"0\">";
                    echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p class=\"titletext\" align=\"center\"><font color='#CCCCCC'>Welcome!</td></tr>";
                    echo "<tr><td>";

                    $qry1 = "select * from hospital_clinic";
                    $res1 = mysql_query($qry1, $dbaseconnect);
                    $numhosp = mysql_num_rows($res1);

                    $qry2 = "select * from doctor";
                    $res2 = mysql_query($qry2, $dbaseconnect);
                    $numdoc = mysql_num_rows($res2);

                    echo "<table><tr><td>";
                    echo "<center><p class=\"commontext\" align=\"justify\">The online Health Cards Manager and Appointment Reservation System (OHCMARS) is a consolidation of four healthcards, namely: Maxicare, MedServ, MEDICard and IntelliCare. The system was designed to hold information about the four health cards mentioned, its services, affiliated hospitals and doctors -- all these are kept in the OHCMARS database and launched to the users as real time information. Adding to that, OHCMARS incorporated also a reservation functionality from which registered users can reserve an available timeslot for appointment with a doctor.</p>";
                    echo "<center><p class=\"commontext\" align=\"justify\">The system currently houses information about the four healthcards, $numhosp hospitals and $numdoc doctors. The hospitals are grouped according to healthcard and the doctors, according to hospital.</p>";
                    echo "<center><p class=\"commontext\" align=\"justify\">So register now (IT'S FREE) and be a part of OHCMARS. It's our pleasure to have you.</p>";
                    echo "</td></tr></table>";
                    echo "</td></tr></table>";
                    ?></td>
        </tr>
      </table></td>
    </tr>
    <tr>
      <td height="80" bgcolor="#993333"><center>
<table width="627" height="66" border="0" cellpadding="0" cellspacing="0" bordercolor="#993333" bgcolor="#993333">
 <tr>
   <td height="46"><div align="center"> <font color="#CCCCCC" size="1" face="Verdana, Arial, Helvetica, sans-serif">Online
      Health Cards Manager and Appointment Reservation System</font><br>
  <font color="#CCCCCC" size="1" face="Verdana, Arial, Helvetica, sans-serif">CMSC
     199 - Special Problem :: Richelle E. Argones :: 2003-39157<br>Copyright &copy 2007. UP Manila</font><br><font color="#CCCCCC" size="1" face="Verdana, Arial, Helvetica, sans-serif"></font></div></td>
   </tr>
</table>
</td>
 </tr>
</table>
</td>
 </tr>
</table>
</body>
</html>
```

login2.php

```php
<?
/*
login2.php

processes the inputs in the login page
*/
include("../specialproject/_include/session.php");
include("../specialproject/_include/dbaseconnect.php");

$username = $_GET['username'];
$password = $_GET['password'];

$loginqry = "select * from user where
username='$username' and password='$password' and
userstatus = 'active'";
$result = mysql_query($loginqry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 $valid_user = $username;
 $_SESSION["username"] = $valid_user;

 $fetcharray = mysql_fetch_array($result);
 $firstname = $fetcharray['firstname'];
 $middlename = $fetcharray['middlename'];
 $lastname = $fetcharray['lastname'];
 $emailaddress = $fetcharray['emailaddress'];
 $cellnumber = $fetcharray['cellnumber'];
 $usercode = $fetcharray['usercode'];
 $firstname = ucfirst($firstname);
 $middlename = ucfirst($middlename);
 $lastname = ucfirst($lastname);

 $valid_user = $usercode;
 $_SESSION["usercode"] = $valid_user;

 include("../specialproject/_include/top_design.php");
 $firstname = ucfirst($firstname);
 $middlename = ucfirst($middlename);
 $lastname = ucfirst($lastname);

  echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
  echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\"><font
color='#CCCCCC'>Home</td></tr>";
  echo "<tr><td>";

 $date = date("F d, Y - l");

 $penrescodes = array();
 $qry1 =  "select * from reservation where usercode =
'$usercode' and status = 'pending'";
 $res1 = mysql_query($qry1);
 $num1 = mysql_num_rows($res1);
 if($num1 != 0)
 {
         while($row1 = mysql_fetch_array($res1))
         {
                 $penrescode = $row1[reservecode];
                 array_push($penrescodes,
"$penrescode");
         }
 }

 $apprescodes = array();
 $qry2 =  "select * from reservation where usercode =
'$usercode' and status = 'approved'";
 $res2 = mysql_query($qry2);
 $num2 = mysql_num_rows($res2);
 if($num2 != 0)
 {
         while($row2 = mysql_fetch_array($res2))
         {
                 $apprescode = $row2[reservecode];
                 array_push($apprescodes,
"$apprescode");
         }
 }

  echo "<center><table><tr><td>";
  echo "<center><p class=\"commontext\">Today is:
$date<br><br></td></tr>";
  echo "<tr><td><center><p class=\"titletext\">Welcome
$username!";
  echo "<p class=\"commontext\" align=\"center\">Name:
$firstname $middlename $lastname<br>";
  echo "Email address: $emailaddress<br>";
  if($cellnumber != '')
  {
          echo "Mobile phone number:
+63$cellnumber<br><br></tr>";
  }
  else
  {
          echo "Mobile phone number: ---";
  }
  echo "</td></tr>";
  echo "<tr><td>";
  echo "<center><p class=\"commontext\">$num1 pending
reservation(s)<br>";
  foreach($penrescodes as $key1 => $p)
  {
          echo "    <a
href=\"view_statres2.php?
usercode=$usercode&reservecode=$p\"><font
color=\"#000000\">$p</a><br>";
  }
  echo "$num2 approved reservation(s)<br>";
  foreach($apprescodes as $key2 => $a)
  {
          echo "    <a
href=\"view_statres2.php?
usercode=$usercode&reservecode=$a\"><font
color=\"#000000\">$a</a><br>";
  }

  echo "</td></tr></table>";
  echo "</td></tr></table>";

 include("../specialproject/_include/bottom_design.php");
}

else
{

 $loginqry = "select * from system_ad where username =
'$username' and password = '$password'";
 $result2 = mysql_query($loginqry, $dbaseconnect);
 $numrows2 = mysql_num_rows($result2);
 if($numrows2 != 0)
 {
         $valid_user = $username;
         $_SESSION["username"] = $valid_user;

         $fetcharray = mysql_fetch_array($result2);
         $firstname = $fetcharray['firstname'];
         $middlename = $fetcharray['middlename'];
         $lastname = $fetcharray['lastname'];
         $emailaddress = $fetcharray['emailaddress'];
         $cellnumber = $fetcharray['cellnumber'];
         $usercode = $fetcharray['usercode'];
         $firstname = ucfirst($firstname);
         $middlename = ucfirst($middlename);
         $lastname = ucfirst($lastname);

         $valid_user = $usercode;
         $_SESSION["usercode"] = $valid_user;

include("../specialproject/_include/top_design.php");

         $firstname = ucfirst($firstname);
         $middlename = ucfirst($middlename);
         $lastname = ucfirst($lastname);

         $date = date("F d, Y - l");

         echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
```

```php
        echo "<tr><td height=\"57\"
bgcolor=\"#990000\"><p class=\"titletext\"
align=\"center\">Home</td></tr>";
        echo "<tr><td>";
        echo "<center><table>";
        echo "<tr><p class=\"commontext\">Today is:
$date</tr>";
        echo "<tr><td>";
        echo "</td></tr></table>";

        $hccodes = array();
        $qry1 = "select * from healthcard where
hccode != "";
        $res1 = mysql_query($qry1, $dbaseconnect);
        $num1 = mysql_num_rows($res1);
        while($fetch = mysql_fetch_array($res1))
        {
                $hccode = $fetch['hccode'];
                array_push($hccodes, "$hccode");
        }

        $hospcodes = array();
        $qry2 = "select * from hospital_clinic where
hospcode != "";
        $res2 = mysql_query($qry2, $dbaseconnect);
        $num2 = mysql_num_rows($res2);
        if($num2 != 0)
        {
                while($row2 =
mysql_fetch_array($res2))
                {
                        $hospcode =
$row2['hospcode'];
                        array_push($hospcodes,
"$hospcode");
                }
        }

        $doccodes = array();
        $qry5 = "select * from doctor where doccode !=
"";
        $res5 = mysql_query($qry5, $dbaseconnect);
        $num5 = mysql_num_rows($res5);
        if($num5 != 0)
        {
                while($row5 =
mysql_fetch_array($res5))
                {
                        $doccode =
$row5['doccode'];
                        array_push($doccodes,
"$doccode");
                }
        }

        $qry6 = "select * from reservation where status
= 'pending'";
        $res6 = mysql_query($qry6, $dbaseconnect);
        $num6 = mysql_num_rows($res6);

        $qry7 = "select * from reservation where status
= 'approved'";
        $res7 = mysql_query($qry7, $dbaseconnect);
        $num7 = mysql_num_rows($res7);

        $qry8 = "select * from user where userstatus =
'active'";
        $res8 = mysql_query($qry8, $dbaseconnect);
        $num8 = mysql_num_rows($res8);

        $qry9 = "select * from user where userstatus =
'inactive'";
        $res9 = mysql_query($qry9, $dbaseconnect);
        $num9 = mysql_num_rows($res9);

        $qry10 = "select * from user";
        $res10 = mysql_query($qry10, $dbaseconnect);
        $num10 = mysql_num_rows($res10);

        echo "<table>";

        echo "<tr><p class=\"titletext\">Welcome
$username!";
        echo "<p class=\"commontext\">Name:
$firstname $middlename $lastname<br>";
        echo "Email address: $emailaddress<br>";
        if($cellnumber != '')
        {
                echo "Mobile phone number:
+63$cellnumber<br><br></tr>";
        }
        else
        {
                echo "Mobile phone number: ---";
        }
        echo "<tr><p
class=\"titletext\">Statistics</tr>";
        echo "<tr>";
        echo "<p class=\"commontext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">$num1</a> healthcards";
        echo "</tr>";
        echo "<tr>";
        echo "<p class=\"commontext\">$num2
hospitals and clinics<br>";
        foreach($hccodes as $key1 => $hcode)
        {
                $qry4 = "select * from healthcard
where hccode = '$hcode'";
                $res4 = mysql_query($qry4,
$dbaseconnect);
                $num4 = mysql_num_rows($res4);
                if($num4 != 0)
                {
                        $row4 =
mysql_fetch_array($res4);
                        $hcname =
$row4['hcname'];
                }

                $qry3 = "select * from hospital_clinic
where hccode = '$hcode'";
                $res3 = mysql_query($qry3,
$dbaseconnect);
                $num3 = mysql_num_rows($res3);

                echo "    <a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hcode\"><font
color=\"#000000\">$num3</a> hospitals and clinics in
$hcname<br>";
        }
        echo "</tr>";
        echo "<tr>";
        echo "<p class=\"commontext\">$num5
doctors<br>";
        echo "</tr>";
        echo "<tr>";
        echo "<p class=\"commontext\"><a
href=\"view_pendingreservations.php?
usercode=$usercode&frompage=main\"><font
color=\"#000000\">$num6</a> pending
reservation(s)<br>";
        echo "</tr>";
        echo "<tr>";
        echo "<p class=\"commontext\"><a
href=\"view_approvedreservations2.php?
usercode=$usercode&frompage=main\"><font
color=\"#000000\">$num7</a> approved
reservation(s)<br>";
        echo "</tr>";
        echo "<tr>";
        echo "<p class=\"commontext\">$num10
users<br><a href=\"view_activeusers.php?
usercode=$usercode\"><font
color=\"#000000\">$num8</a> active users<br><a
href=\"view_inactiveusers.php?
usercode=$usercode\"><font
color=\"#000000\">$num9</a> inactive users";

        echo "</table>";
        echo "</td></tr></table>";
```

```php
include("../specialproject/_include/bottom_design.php");
 }
 else
 {

          $valid_user = "guest";
          include("../specialproject/invalid_login.php");

 }
}

?>
```

logout.php

```php
<?
/*
logout.php

process system administrator's request to log out of the
system
*/

include("../specialproject/_include/dbaseconnect.php");
session_start();
session_unregister("valid_user");
session_destroy();
include("../specialproject/index.php");
?>
```

main_sysad.php

```php
<?
/*
main_sysad.php

system administrator's main page where statistics is shown
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];

$userqry = "select * from system_ad where usercode =
'$usercode'";
$userres = mysql_query($userqry, $dbaseconnect);
$usernum = mysql_num_rows($userres);
if($usernum != 0)
{
 $userrow = mysql_fetch_array($userres);
 $firstname = $userrow[firstname];
 $middlename = $userrow[middlename];
 $lastname = $userrow[lastname];
 $emailaddress = $userrow[emailaddress];
 $cellnumber = $userrow[cellnumber];
}

$firstname = ucfirst($firstname);
$middlename = ucfirst($middlename);
$lastname = ucfirst($lastname);

$date = date("F d, Y - l");

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Home</td></tr>";
echo "<tr><td>";
echo "<center><table>";
echo "<tr><p class=\"commontext\">Today is:
$date</tr>";
echo "<tr><td>";
echo "</td></tr></table>";

$hccodes = array();
$qry1 = "select * from healthcard where hccode != ''";
$res1 = mysql_query($qry1, $dbaseconnect);
```

```php
$num1 = mysql_num_rows($res1);
while($fetch = mysql_fetch_array($res1))
{
 $hccode = $fetch['hccode'];
 array_push($hccodes, "$hccode");
}

$hospcodes = array();
$qry2 = "select * from hospital_clinic where hospcode !=
'''";
$res2 = mysql_query($qry2, $dbaseconnect);
$num2 = mysql_num_rows($res2);
if($num2 != 0)
{
 while($row2 = mysql_fetch_array($res2))
 {
          $hospcode = $row2['hospcode'];
          array_push($hospcodes, "$hospcode");
 }
}


$doccodes = array();
$qry5 = "select * from doctor where doccode != ''";
$res5 = mysql_query($qry5, $dbaseconnect);
$num5 = mysql_num_rows($res5);
if($num5 != 0)
{
 while($row5 = mysql_fetch_array($res5))
 {
          $doccode = $row5['doccode'];
          array_push($doccodes, "$doccode");
 }
}

$qry6 = "select * from reservation where status =
'pending'";
$res6 = mysql_query($qry6, $dbaseconnect);
$num6 = mysql_num_rows($res6);

$qry7 = "select * from reservation where status =
'approved'";
$res7 = mysql_query($qry7, $dbaseconnect);
$num7 = mysql_num_rows($res7);

$qry8 = "select * from user where userstatus = 'active'";
$res8 = mysql_query($qry8, $dbaseconnect);
$num8 = mysql_num_rows($res8);

$qry9 = "select * from user where userstatus = 'inactive'";
$res9 = mysql_query($qry9, $dbaseconnect);
$num9 = mysql_num_rows($res9);

$qry10 = "select * from user";
$res10 = mysql_query($qry10, $dbaseconnect);
$num10 = mysql_num_rows($res10);

echo "<table>";
echo "<tr><p class=\"titletext\">Welcome $username!";
echo "<p class=\"commontext\">Name: $firstname
$middlename $lastname<br>";
echo "Email address: $emailaddress<br>";
if($cellnumber != '')
{
 echo "Mobile phone number:
+63$cellnumber<br><br></tr>";
}
else
{
 echo "Mobile phone number: ---<br><br></tr>";
}
echo "<tr><p class=\"titletext\">Statistics</tr>";
echo "<tr>";
echo "<p class=\"commontext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">$num1</a> healthcards";
echo "</tr>";
echo "<tr>";
echo "<p class=\"commontext\">$num2 hospitals and
clinics<br>";
foreach($hccodes as $key1 => $hcode)
```

```
{
 $qry4 = "select * from healthcard where hccode =
'$hcode'";
 $res4 = mysql_query($qry4, $dbaseconnect);
 $num4 = mysql_num_rows($res4);
 if($num4 != 0)
 {
         $row4 = mysql_fetch_array($res4);
         $hcname = $row4['hcname'];
 }

 $qry3 = "select * from hospital_clinic where hccode =
'$hcode'";
 $res3 = mysql_query($qry3, $dbaseconnect);
 $num3 = mysql_num_rows($res3);

 echo "    <a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hcode\"><font
color=\"#000000\">$num3</a> hospitals and clinics in
$hcname<br>";
}
echo "</tr>";
echo "<tr>";
echo "<p class=\"commontext\"><font
color=\"#000000\">$num5 doctors<br>";
echo "</tr>";
echo "<tr>";
echo "<p class=\"commontext\"><a
href=\"view_pendingreservations.php?
usercode=$usercode&frompage=main\"><font
color=\"#000000\">$num6</a> pending
reservation(s)<br>";
echo "</tr>";
echo "<tr>";
echo "<p class=\"commontext\"><a
href=\"view_approvedreservations2.php?
usercode=$usercode&frompage=main\"><font
color=\"#000000\">$num7</a> approved
reservation(s)<br>";
echo "</tr>";
echo "<tr>";
echo "<p class=\"commontext\">$num10 users<br><a
href=\"view_activeusers.php?usercode=$usercode\"><font
color=\"#000000\">$num8</a> active users<br><a
href=\"view_inactiveusers.php?
usercode=$usercode\"><font
color=\"#000000\">$num9</a> inactive users";
echo "</table>";
echo "</td></tr></table>";

include("../specialproject/_include/bottom_design.php");
?>


main_user.php

<?
/*
main_user.php

user's main page
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET[usercode];

$userqry = "select * from user where usercode =
'$usercode'";
$userres = mysql_query($userqry, $dbaseconnect);
$usernum = mysql_num_rows($userres);
if($usernum != 0)
{
 $userrow = mysql_fetch_array($userres);
 $firstname = $userrow[firstname];
 $middlename = $userrow[middlename];
 $lastname = $userrow[lastname];
 $emailaddress = $userrow[emailaddress];
 $cellnumber = $userrow[cellnumber];
}
```

```
$firstname = ucfirst($firstname);
$middlename = ucfirst($middlename);
$lastname = ucfirst($lastname);

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\"><font
color='#CCCCCC'>Home</td></tr>";
echo "<tr><td>";

$date = date("F d, Y - l");

$penrescodes = array();
$qry1 = "select * from reservation where usercode =
'$usercode' and status = 'pending'";
$res1 = mysql_query($qry1);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 while($row1 = mysql_fetch_array($res1))
 {
         $penrescode = $row1[reservecode];
         array_push($penrescodes, "$penrescode");
 }
}

$apprescodes = array();
$qry2 = "select * from reservation where usercode =
'$usercode' and status = 'approved'";
$res2 = mysql_query($qry2);
$num2 = mysql_num_rows($res2);
if($num2 != 0)
{
 while($row2 = mysql_fetch_array($res2))
 {
         $apprescode = $row2[reservecode];
         array_push($apprescodes, "$apprescode");
 }
}

echo "<center><table><tr><td>";
echo "<center><p class=\"commontext\">Today is:
$date<br><br></td></tr>";
echo "<tr><td><center><p class=\"titletext\">Welcome
$username!";
echo "<p class=\"commontext\" align=\"center\">Name:
$firstname $middlename $lastname<br>";
echo "Email address: $emailaddress<br>";
echo "Mobile phone number: $cellnumber</td></tr>";
echo "<tr><td>";
echo "<center><p class=\"commontext\">$num1 pending
reservation(s)<br>";
foreach($penrescodes as $key1 => $p)
{
 echo "    <a
href=\"view_statres2.php?
usercode=$usercode&reservecode=$p\"><font color
= \"#000000\">$p</a><br>";
}
echo "$num2 approved reservation(s)<br>";
foreach($apprescodes as $key2 => $a)
{
 echo "    <a
href=\"view_statres2.php?
usercode=$usercode&reservecode=$a\"><font color
= \"#000000\">$a</a><br>";
}

echo "</td></tr></table>";
echo "</td></tr></table>";

include("../specialproject/_include/bottom_design.php");
?>


manage_pendingreservations.php

<?
/*
manage_pendingreservations.php
```

```php
form when viewing the list of pending reservations
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];
?>
<html>
<head>
<script type="text/javascript"
src="../specialproject/_include/calendarDateInput.js">
</script>
</head>
<body>
<?
echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Pending
Reservations</td></tr>";
echo "<tr><td>";

@$hccode = $HTTP_GET_VARS['hccode'];
@$hospcode = $HTTP_GET_VARS['hospcode'];

$hcquery = mysql_query("select hccode, hcname from
healthcard where hccode != ''");

if(isset($hccode) and strlen($hccode) > 0)
{
$hospquery = mysql_query("select * from hospital_clinic
where hccode = '$hccode'");
}
else
{
$hospquery = mysql_query("SELECT * from
hospital_clinic");
}

if(isset($hospcode) and strlen($hospcode) > 0)
{
$docquery = mysql_query("select * from doctor where
hospcode = '$hospcode'");
}
else
{
$docquery = mysql_query("select * from doctor");
}

echo "<form method = \"get\" name
= \"manage_pendingres\" action = '' id
= \"manage_pendingres\">";
echo "<center><table border=0 cellpadding=10>";
echo "<tr bgcolor=\"#CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Healthcard*</td>";
echo "<td><select name='hccode'
onchange=\"reload(this.form)\"><option
value=''></option>";
while($row = mysql_fetch_array($hcquery))
{
if($row['hccode']==@$hccode)
{
 echo "<option selected
value='$row[hccode]'>$row[hcname]</option>"."<BR>";
}
else
{
 echo "<option
value='$row[hccode]'>$row[hcname]</option>";
}
}
echo "</select></td></tr>";

echo "<tr bgcolor=\"990000\"><td><p
class=\"commontext\"><font
color=\"#CCCCCC\">Hospital*</td>";

echo "<td><select name='hospcode'
onchange=\"reload(this.form)\"><option
value=''></option>";
while($row2 = mysql_fetch_array($hospquery))
{
if($row2['hospcode']==@$hospcode)
{
 echo "<option selected
value='$row2[hospcode]'>$row2[hospname]</option>"."<
BR>";
}
else
{
 echo  "<option
value='$row2[hospcode]'>$row2[hospname]</option>";
}
}
echo "</select></td></tr>";

echo "<tr bgcolor=\"CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Doctor*</td>";
echo "<td><select name='doccode'><option
value=''></option>";
while($row3 = mysql_fetch_array($docquery))
{
 echo  "<option value='$row3[doccode]'>$row3[docfname]
$row3[doclname]</option>";
}
echo "</select></td></tr>";

echo "<tr bgcolor=\"990000\"><td><p
class=\"commontext\"><font
color=\"#CCCCCC\">Date*</td><td><script>DateInput('o
rderdate', true, 'mm-dd-yyyy')</script><br><input
type=\"button\"
onClick=\"alert(this.form.orderdate.value)\" value=\"show
date\"></td></tr>";
echo "</table>";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "<input type=\"hidden\" name=\"frompage\"
value=\"formpending\">";
echo "<p>";
echo "<p class=\"italictext\">* indicates a required
field</a><br><br>";
echo "<input type=\"submit\" name=\"submit\"
value=\"manage pending reservations\" onClick=\"return
manage_pending();\">";
echo "</p></form></body></html>";
echo "</td></tr></table>";

include("../specialproject/_include/bottom_design.php");
?>
```

managedoctors.php

```php
<?
/*
managedoctors.php

displays the list of affiliated doctors
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">List of Affiliated
Doctors</td></tr>";
echo "<tr><td>";
$hcnameqry = "select hc.hcname, h.hospname from
healthcard as hc, hospital_clinic as h where hc.hccode =
'$hccode' and h.hospcode='$hospcode'";
$res = mysql_query($hcnameqry, $dbaseconnect);
```

126

```php
$nums = mysql_num_rows($res);
if($nums != 0)
{
 $fetchname = mysql_fetch_array($res);
 $hcname = $fetchname[hcname];
 $hospname = $fetchname[hospname];
 $doccount = $fetchname[doccount];
}

$rowsPerPage = 5;

$pageNum = 1;
if(isset($_GET['pageNum']))
{
        $pageNum = $_GET['pageNum'];
    }
$offset = ($pageNum - 1) * $rowsPerPage;

$qry0 = "select * from reservation where hospcode =
'$hospcode' and doccode = '$doccode' and status =
'approved'";
$res0 = mysql_query($qry0, $dbaseconnect);
$c = mysql_num_rows($res0);

$qryd = "select * from reservation where hospcode =
'$hospcode' and doccode = '$doccode' and status =
'pending'";
$resd = mysql_query($qryd, $dbaseconnect);
$c1 = mysql_num_rows($resd);

$qry = "select count(*) as numrows from doctor where
hospcode = '$hospcode'";
$countresult = mysql_query($qry, $dbaseconnect);
$countrow = mysql_fetch_array($countresult,
MYSQL_ASSOC);
$numrows = $countrow['numrows'];

$qry = "select * from doctor where hospcode =
'$hospcode'";
$result = mysql_query($qry, $dbaseconnect);
echo mysql_error();
$num = mysql_num_rows($result);

$hospquery = "select * from doctor where hospcode =
'$hospcode' " . " LIMIT $offset, $rowsPerPage";
$result2 = mysql_query($hospquery, $dbaseconnect);

$bgcolor='#990000';
$fontcolor='#CCCCCC';
if($num != 0)
{
 echo "<center><p class=\"commontext\">$hospname
[$hcname] has $num doctor(s).<br><br>";
 echo "<table border=0><tr bgcolor=\"#990000\"><td
width=150><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Health card</td><td
width=200><font color=\"#CCCCCC\"><center><font
color=\"#CCCCCC\"><p
class=\"managesystem\">Hospital's name</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Doctor Code</td><td
width=200><center><font color=\"#CCCCCC\"><p
class=\"managesystem\">Doctor's name</td><td
width=75><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Specialization</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Schedule</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Information</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\"></td></tr>";

 while($row = mysql_fetch_array($result2))
 {
        if($bgcolor == '#990000')
        {
                $bgcolor='#CCCCCC';
        }
        else
        {
                $bgcolor='#990000';
        }

        if($fontcolor == '#CCCCCC')
        {
                $fontcolor='#993333';
        }
        else
        {
                $fontcolor='#CCCCCC';
        }

        $docfname = ucfirst($row['docfname']);
        $docmname = ucfirst($row['docmname']);
        $doclname = ucfirst($row['doclname']);
        $docspecl = $row['docspecl'];
        $doccode = $row['doccode'];

        echo "<tr>";
        echo "<td width=150
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<font color= $fontcolor>$hcname";
        echo "</td>";
        echo "<td width=250
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<font color= $fontcolor>$hospname";
        echo "</td>";
        echo "<td width=100
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<font color= $fontcolor>$doccode";
        echo "</td>";
        echo "<td width=200
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<font color= $fontcolor>$docfname
$docmname $doclname";
        echo "</td>";
        echo "<td width=75
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<font color=
$fontcolor>{$row['docspecl']}</a>";
        echo "</td>";
        echo "<td width=100
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<a href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode={$row['doccode']}\"><font color=
$fontcolor>view</a>";
        echo "</td>";
        echo "<td width=100
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<a href=\"edit_docinfo.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode={$row['doccode']}&docspecl={$row['docspecl'
]}\"><font color= $fontcolor>edit</a>";
        echo "</td>";
        echo "<td width=50
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<a href=\"del_doc.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode={$row['doccode']}\"><font color=
$fontcolor>delete</a>";
        echo "</td>";
        echo "</td>";
        echo "</tr>";
 }
 echo "</table>";
 echo "<br>";

 $maxPage = ceil($numrows/$rowsPerPage);

 if($maxPage!=1 && $numrows!=0)
 {
        print "<p class=\"commontext\"
align=\"center\">page $pageNum of $maxPage</p>";
```

```php
            for($pageNum = 1; $pageNum <= $maxPage;
$pageNum++)
                {
                        echo "<a href='managedoctors.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&pageNum=$pageNum'><font
color=\"#000000\">$pageNum</a> ";
                }
                        $pageNum = $pageNum-1;
  }

  echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back to list of hospitals and
clinics</a>";
 }
 else
 {
  echo "<center><p class=\"commontext\">System found 0
doctor(s) under $hospname
[$hcname].<br><br><center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back to list of hospitals and
clinics</a>";
 }
 echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>
```

managehealthcards.php

```php
<?
/*
managehealthcards.php

displays the list of healthcards
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];
echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">List of
Healthcards</td></tr>";
echo "<tr><td>";

$HCquery = "select * from healthcard where hccode != ''";
$result = mysql_query($HCquery, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 $bgcolor='#990000';
 $fontcolor='#CCCCCC';
 echo "<center><p class=\"commontext\">OHCMARS has
$numrows health cards in the database.<br><br>";
 echo "<table border=0><tr bgcolor=\"#990000\"><td
width=120><center><font color=\"#CCCCCC\"><p
class=\"managesystem\">Health Card Code</td><td
width=120><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Health Card Name</td><td
width=120><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Services</td><td
width=100><center><p class=\"managesystem\"><font
color=\"#CCCCCC\">Information</td><td
width=120><center><p class=\"managesystem\"><font
color=\"#CCCCCC\">Hospitals</td><td
width=120><center><p
class=\"managesystem\"></td></tr>";

  while($row = mysql_fetch_array($result))
  {
           $hccode = $row['hccode'];
           $qry2 = "select * from hospital_clinic where
hccode = '$hccode'";
           $res2 = mysql_query($qry2, $dbaseconnect);
           $num2 = mysql_num_rows($res2);
```

```php
          if($bgcolor == '#990000')
          {
                   $bgcolor='#CCCCCC';
          }
          else
          {
                   $bgcolor='#990000';
          }

          if($fontcolor == '#CCCCCC')
          {
                   $fontcolor='#990000';
          }
          else
          {
                   $fontcolor='#CCCCCC';
          }

          echo "<tr bgcolor=\"#CC0000\">";
          echo "<td width=120  bgcolor =
$bgcolor><center><p class=\"managesystem\">";
          echo "<font color =
$fontcolor>{$row['hccode']}";
          echo "</td>";
          echo "<td width=120  bgcolor =
$bgcolor><center><p class=\"managesystem\">";
          echo "<font color =
$fontcolor>{$row['hcname']}";
          echo "</td>";
          echo "<td width=120  bgcolor =
$bgcolor><center><p class=\"managesystem\">";
          echo "<a href=\"view_benefits.php?
usercode=$usercode&hccode={$row['hccode']}\"><font
color = $fontcolor>view</a>";
          echo "</td>";
          echo "<td width=120  bgcolor =
$bgcolor><center><p class=\"managesystem\">";
          echo "<a href=\"edit_hcinformation.php?
usercode=$usercode&hccode={$row['hccode']}\"><font
color = $fontcolor>edit</a>";
          echo "</td>";
          echo "<td width=120 bgcolor =
$bgcolor><center><p class=\"managesystem\">";
          echo "<a href=\"managehospitals.php?
usercode=$usercode&hccode={$row['hccode']}&hospcount
=$num2\"><font color = $fontcolor>view ($num2)</a>";
          echo "</td>";
          echo "<td width=120 bgcolor =
$bgcolor><center><p class=\"managesystem\">";
          echo "<a href=\"addhospital.php?
usercode=$usercode&hccode={$row['hccode']}\"><font
color = $fontcolor>add hospital</a>";
          echo "</td>";
          echo "</tr>";
  }
  echo "</table><br>";
  echo "<center><a href=\"add_healthcard.php?
usercode=$usercode\"><p class=\"linkstext\"><font
color=\"#000000\">add new healthcard</a><br><br>";
  echo "</td></tr></table>";
}
  include("../specialproject/_include/bottom_design.php");
?>
```

managehospitals.php

```php
<?
/*
managehospitals.php

displays the list of affiliated hospitals
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET['hccode'];
$usercode = $_GET['usercode'];
```

```php
echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">List of Affiliated
Hospitals</td></tr>";
echo "<tr><td>";


$hcnameqry = "select hcname from healthcard where
hccode = '$hccode'";
$res = mysql_query($hcnameqry, $dbaseconnect);
$nums = mysql_num_rows($res);
if($nums != 0)
{
 $fetchname = mysql_fetch_array($res);
 $hcname = $fetchname[hcname];
}

$rowsPerPage = 5;

$pageNum = 1;
if(isset($_GET['pageNum']))
{
            $pageNum = $_GET['pageNum'];
    }
$offset = ($pageNum - 1) * $rowsPerPage;

$qry = "select count(*) as numrows from hospital_clinic
where hccode = '$hccode'";
$countresult = mysql_query($qry, $dbaseconnect);
$countrow = mysql_fetch_array($countresult);
   $numrows = $countrow['numrows'];

$qry = "select * from hospital_clinic where hccode =
'$hccode'";
$result = mysql_query($qry, $dbaseconnect);
echo mysql_error();
$num = mysql_num_rows($result);

$hospquery = "select * from hospital_clinic where hccode =
'$hccode' " . " LIMIT $offset, $rowsPerPage";
$result2 = mysql_query($hospquery, $dbaseconnect);

echo "<input type=\"hidden\" name=\"pageNum\"
value=\"$pageNum\">";

/*          $hospquery = "select * from hospital_clinic
where hccode = '$hccode'";
$result = mysql_query($hospquery, $dbaseconnect);
$numrows = mysql_num_rows($result); */


$bgcolor='#990000';
$fontcolor='#CCCCCC';
if($num != 0)
{
 echo "<center><p class=\"commontext\">$hcname has
$num hospital(s).<br><br>";
 echo "<table border=0><tr bgcolor=\"#990000\"><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Health card Name</td><td
width=200><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Hospital Name</td><td
width=80><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Code</td><td
width=50><center><font color=\"#CCCCCC\"><p
class=\"managesystem\"><font
color=\"#CCCCCC\">Information</td><td
width=70><font color=\"#CCCCCC\"><center><p
class=\"managesystem\"><font
color=\"#CCCCCC\">Doctors</td><td
width=100><center><p
class=\"managesystem\"></td><td
width=75><center><p class=\"managesystem\"><font
color=\"#CCCCCC\">Offices</td></td><td
width=100><center><p
class=\"managesystem\"></td></td><td
width=50><center><p
class=\"managesystem\"></td><tr>";

 while($row = mysql_fetch_array($result2))
 {

if($bgcolor == '#990000')
{
            $bgcolor='#CCCCCC';
}
else
{
            $bgcolor='#990000';
}

if($fontcolor == '#CCCCCC')
{
            $fontcolor='#993333';
}
else
{
            $fontcolor='#CCCCCC';
}


            $hospcode = $row['hospcode'];

            $officeqry = "select * from healthcard_office
where hospcode = '$hospcode'";
            $officeres = mysql_query($officeqry,
$dbaseconnect);
            $numrows2 = mysql_num_rows($officeres);

            $dcount = "select * from doctor where hospcode
= '$hospcode'";
            $dcountres = mysql_query($dcount,
$dbaseconnect);
            $n = mysql_num_rows($dcountres);

            echo "<td width=100 bgcolor = $bgcolor
id=title><center><p class=\"managesystem\">";
            echo "<font color = $fontcolor>$hcname";
            echo "</td>";
            echo "<td width=200 bgcolor = $bgcolor
id=title><center><p class=\"managesystem\">";
            echo "<font color =
$fontcolor>{$row['hospname']}";
            echo "</td>";
            echo "<td width=80 bgcolor =
$bgcolor><center><p class=\"managesystem\">";
            echo "<font color =
$fontcolor>{$row['hospcode']}";
            echo "</td>";
            echo "<td width=50 bgcolor =
$bgcolor><center><p class=\"managesystem\">";
            echo "<a href=\"edit_hospitalinfo.php?
usercode=$usercode&hccode={$row['hccode']}&hospcode
={$row['hospcode']}\"><font color =
$fontcolor>edit</a>";
            echo "</td>";
            echo "<td width=70 bgcolor =
$bgcolor><center><p class=\"managesystem\">";
            echo "<a href=\"managedoctors.php?
usercode=$usercode&hccode={$row['hccode']}&hospcode
={$row['hospcode']}&doccount=$n\"><font color =
$fontcolor>view ($n)</a>";
            echo "</td>";
            echo "<td width=80 bgcolor =
$bgcolor><center><p class=\"managesystem\">";
            echo "<a href=\"adddoctor.php?
usercode=$usercode&hccode={$row['hccode']}&hospcode
={$row['hospcode']}\"><font color = $fontcolor>add
doctor</a>";
            echo "</td>";
            echo "<td width=100 bgcolor =
$bgcolor><center><p class=\"managesystem\">";
            echo "<a href=\"manageoutsideoffices.php?
usercode=$usercode&hccode={$row['hccode']}&hospcode
={$row['hospcode']}\"><font color = $fontcolor>view
($numrows2)</a>";
            echo "</td>";
            echo "<td width=150 bgcolor =
$bgcolor><center><p class=\"managesystem\">";
            echo "<a href=\"addoutoffice.php?
usercode=$usercode&hccode={$row['hccode']}&hospcode
={$row['hospcode']}\"><font color = $fontcolor>add an
outside office</a>";
```

```php
            echo "</td>";
            echo "<td width=50 bgcolor =
$bgcolor><center><p class=\"managesystem\">";
            echo "<a href=\"delete_hospadmin.php?
usercode=$usercode&hccode={$row['hccode']}&hospcode
={$row['hospcode']}\"><font color =
$fontcolor>delete</a>";
            echo "</td>";
            echo "</tr>";
 }
  echo "</table>";

 $maxPage = ceil($numrows/$rowsPerPage);
 if($maxPage!=1 && $numrows!=0)
 {
            print "<p class=\"commontext\"
align=\"center\">page $pageNum of $maxPage</p>";

            for($pageNum = 1; $pageNum <= $maxPage;
$pageNum++)
            {
                    echo "<a href='managehospitals.php?
usercode=$usercode&hccode=$hccode&pageNum=$pageN
um'><font color=\"#000000\">$pageNum</a> ";
            }
                    $pageNum = $pageNum-1;
 }
  echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";

 }

 else
 {
  echo "<center><p class=\"commontext\">System found 0
hospital(s) under $hcname.<br><br>";
  echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";
 }

 echo "</td></td></table>";

 include("../specialproject/_include/bottom_design.php");
 ?>


**manageoutsideoffices.php**

<?
/*
manageoutsideoffices.php

displays list of healthcard offices
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Heathcard Offices
Outside of the Hospital</td></tr>";
echo "<tr><td>";


$hcnameqry = "select hc.hcname, h.hospname from
healthcard as hc, hospital_clinic as h where hc.hccode =
'$hccode' and h.hospcode='$hospcode' and h.hccode =
'$hccode'";
$res = mysql_query($hcnameqry, $dbaseconnect);
$nums = mysql_num_rows($res);
if($nums != 0)
{
```

```php
 $fetchname = mysql_fetch_array($res);
 $hcname = $fetchname[hcname];
 $hospname = $fetchname[hospname];
 $doccount = $fetchname[doccount];
}

$rowsPerPage = 5;

$pageNum = 1;
if(isset($_GET['pageNum']))
{
            $pageNum = $_GET['pageNum'];
    }
$offset = ($pageNum - 1) * $rowsPerPage;

$qry = "select count(*) as numrows from healthcard_office
where hospcode = '$hospcode'";
$countresult = mysql_query($qry, $dbaseconnect);
$countrow = mysql_fetch_array($countresult);
   $numrows = $countrow['numrows'];

$qry2 = "select * from healthcard_office where hospcode =
'$hospcode'";
$result = mysql_query($qry2, $dbaseconnect);
echo mysql_error();
$num = mysql_num_rows($result);

$hospquery = "select * from healthcard_office where
hospcode = '$hospcode' " . " LIMIT $offset, $rowsPerPage";
$result2 = mysql_query($hospquery, $dbaseconnect);

echo "<input type=\"hidden\" name=\"pageNum\"
value=\"$pageNum\">";

/*        $ofisqry = "select * from healthcard_office
where hospcode = '$hospcode'";
$result = mysql_query($ofisqry, $dbaseconnect);
$numrows = mysql_num_rows($result); */
$bgcolor='#990000';
$fontcolor = '#CCCCCC';
if($num != 0)
{
  echo "<center><p class=\"commontext\">$hospname
[$hcname] has $numrows office(s) outside of the hospital
vicinity.<br><br>";
  echo "<table border=0><tr
bgcolor=\"#990000\"><td><font
color=\"#CCCCCC\"<center><p
class=\"managesystem\">Health card
name</td><td><font color=\"#CCCCCC\"<center><p
class=\"managesystem\">Hospital's name</td><td><font
color=\"#CCCCCC\"<center><p
class=\"managesystem\">Office's name</td><td><font
color=\"#CCCCCC\"><center><p
class=\"managesystem\">Office's
code</td><td><center><p
class=\"managesystem\"><font
color=\"#CCCCCC\">Information</td><td><font
color=\"#CCCCCC\"<center><p
class=\"managesystem\"></td></tr>";

  while($row = mysql_fetch_array($result2))
  {
            if($bgcolor == '#990000')
            {
                    $bgcolor='#CCCCCC';
            }
            else
            {
                    $bgcolor='#990000';
            }

            if($fontcolor == '#CCCCCC')
            {
                    $fontcolor='#990000';
            }
            else
            {
                    $fontcolor='#CCCCCC';
            }

            //$hospcode = $row['hospcode'];
```

```php
        echo "<tr>";
        echo "<td width=150 bgcolor=$bgcolor><font
color= $fontcolor><center><p
class=\"managesystem\">";
            echo "$hcname";
            echo "</td>";
            echo "<td width=200 bgcolor=$bgcolor><font
color= $fontcolor><center><p
class=\"managesystem\">";
            echo "$hospname";
            echo "</td>";
            echo "<td width=150 bgcolor=$bgcolor><font
color= $fontcolor><center><p
class=\"managesystem\">";
            echo "{$row['officename']}";
            echo "</td>";
            echo "<td width=75 bgcolor=$bgcolor><font
color= $fontcolor><center><p
class=\"managesystem\">";
            echo "{$row['officecode']}";
            echo "</td>";
            echo "<td width=100 bgcolor=$bgcolor><font
color= $fontcolor><center><p
class=\"managesystem\">";
            echo "<a href=\"edit_officeinfo.php?
usercode=$usercode&hccode=$hccode&hospcode={$row['h
ospcode']}&officecode={$row['officecode']}\"><font color
= $fontcolor>edit</a>";
            echo "</td><center>";
            echo "<td width=75 bgcolor=$bgcolor><font
color= $fontcolor><center><p
class=\"managesystem\">";
            echo "<a href=\"deloffice.php?
usercode=$usercode&hccode=$hccode&hospcode={$row['h
ospcode']}&officecode={$row['officecode']}\"><font color
= $fontcolor>delete</a>";
            echo "</td>";
            echo "</tr>";
    }
    echo "</table><br><br>";

    $maxPage = ceil($numrows/$rowsPerPage);
    if($maxPage!=1 && $numrows!=0)
    {
            print "<p class=\"linkstext\"
align=\"center\">page $pageNum of $maxPage</p>";

            for($pageNum = 1; $pageNum <= $maxPage;
$pageNum++)
            {
                    echo "<a
href='manageoutsideoffices.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&pageNum=$pageNum'><font
color=\"#000000\">$pageNum</a> ";
            }
                    $pageNum = $pageNum-1;
    }
    echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";

}
else
{
    echo "<center><p class=\"commontext\">$hospname
[$hcname] has an office inside the hospital vicinity.<br>";
    echo "<center><p class=\"linkstext\"><a
href=\"managehospitals.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

reserve_availabletimeslot.php

```php
<?
```

```php
/*
reserve_availabletimeslot.php

asks the users to input their healthcard identification
numbers
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hospcode = $_GET['hospcode'];
$doccode = $_GET['doccode'];
$hccode = $_GET['hccode'];
$schedcode = $_GET['schedcode'];
$timecode = $_GET['timecode'];
$usercode = $_GET['usercode'];

$d = $_GET['date'];
list($mon, $date, $year) = split('[/.-]', $d);

include("../specialproject/_include/convertmon.php");
$month = date("F", mktime(0, 0, 0, $mon, $date, $year));

$currdate = date("F j, Y");
$currmonth = date("F");
$currdatenum = date("j");
$curryear = date("Y");

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\"
align=\"center\">Reservation</td></tr>";
echo "<tr><td>";

$fourdaysbeforedesireddateofconsultation = date("F d, Y",
mktime(0, 0, 0, "$mon", "$date"-4, "$year"));
$fourteendaysbeforedesireddateofconsultation = date("F d,
Y", mktime(0, 0, 0, "$mon", "$date"-14, "$year"));
$desireddateofconsultation = date("F d, Y", mktime(0, 0, 0,
"$mon", "$date", "$year"));
$currentdate = mktime("$currdate");

$fourdaysbeforedesireddateofconsultation2 = mktime(0, 0,
0, "$mon", "$date"-4, "$year");
$fourteendaysbeforedesireddateofconsultation2 =
mktime(0, 0, 0, "$mon", "$date"-14, "$year");
$desireddateofconsultation2 = mktime(0, 0, 0, "$mon",
"$date", "$year");

if($usercode == 'guest')
{
    echo "<center><p class=\"commontext\"><br><font
color=\"#000000\">You have to login first to avail of the
reservation functionality.<br>";
}
elseif($usercode != 'guest')
{
    if(($currentdate >
$fourdaysbeforedesireddateofconsultation2) ||
($currentdate <
$fourteendaysbeforedesireddateofconsultation2))
    {
            echo "<center><p class=\"commontext\"><font
color=\"#000000\">Reservation should be set within 4-14
days befored the desired schedule.<br><br>";
            echo "<center><p class=\"linkstext\"><a
href=\"check_docspecl_day.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode\"><font
color=\"#000000\">back<br><br>";
    }
    elseif(($currentdate <=
$fourdaysbeforedesireddateofconsultation2) ||
($currentdate >=
$fourteendaysbeforedesireddateofconsultation2))
    {
            $docquery = "select d.*, h.*, t.*, hc.*, u.* from
user as u, healthcard as hc, doctor as d, time as t,
hospital_clinic as h where d.doccode = '$doccode' and
d.hospcode = '$hospcode' and h.hospcode = '$hospcode'
```

```
and hc.hccode = '$hccode' and t.timecode = '$timecode'
and usercode = '$usercode'";
            $result = mysql_query($docquery,
$dbaseconnect);
            $numrows = mysql_num_rows($result);
            if($numrows!=0)
            {
                    $fetchresult =
mysql_fetch_array($result);
                    $docfname = $fetchresult[docfname];
                    $docmname =
$fetchresult[docmname];
                    $doclname = $fetchresult[doclname];
                    $docspecl = $fetchresult[docspecl];
                    $hospname =
$fetchresult[hospname];
                    $tymname = $fetchresult[timename];
                    $hcname = $fetchresult[hcname];
            }

            $docfname = ucfirst($docfname);
            $docmname = ucfirst($docmname);
            $doclname = ucfirst($doclname);

            $docname = "$docfname"." "."$doclname";

            echo "<center><p class=\"commontext\"><font
color=\"#000000\">Dr. $docfname $doclname";
            echo "<br>";
            echo "$docspecl";
            echo "<br>";
            echo "$hospname";
            echo "<br>";
            echo "<br>";
            echo "$month $date, $year";
            echo "<br>";
            echo "$tymname";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="reserve_timeslot" method="get" action=""
id="reserve_timeslot">
  <p>
<?
echo "<center><p class=\"commontext\">Health card
number:<br><input type=\"text\"
name=\"hcardnumber\"><br><br>";
echo "Health card:  $hcname";
?>
<input type="hidden" name="schedcode" value="<? echo
"$schedcode" ;?>">
<input type="hidden" name="date" value="<? echo
"$d" ;?>">
<input type="hidden" name="hccode" value="<? echo
"$hccode" ;?>">
<input type="hidden" name="hospcode" value="<? echo
"$hospcode" ;?>">
<input type="hidden" name="doccode" value="<? echo
"$doccode" ;?>">
<input type="hidden" name="timecode" value="<? echo
"$timecode" ;?>">
<input type="hidden" name="usercode" value="<? echo
"$usercode" ;?>">
<input type="hidden" name="username" value="<? echo
"$username" ;?>">

  </p>
  <p>
<?
 echo "<input type=\"submit\" name=\"submit\"
value=\"submit healthcard number\" onClick=\"return
reservetimeslot();\">";
 echo "      ";
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br>";
 echo "<p class=\"linkstext\"><br><a
href=\"doctors_list.php?
```

```
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&docspecl=$docspecl&orderdate=$d\"><font
color=\"#000000\">back</a>";

?>
  </p>
</form>
</body>
</html>
<?
 }
}

echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>
```

reserve_availabletimeslot2.php

```
<?
/*
reserve_availabletimeslot2.php

process the inputs in reserve_availabletimeslot.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hcardnumber = $_GET['hcardnumber'];
$schedcode = $_GET['schedcode'];
$hccode = $_GET['hccode'];
$doccode = $_GET['doccode'];
$hospcode = $_GET['hospcode'];
$timecode = $_GET['timecode'];
$d = $_GET['date'];
$usercode = $_GET['usercode'];

$currmonth = date("F");
$currdatenum = date("j");
$curryear = date("Y");

list($mon, $date, $year) = split('[/.-]', $d);

include("../specialproject/_include/convertmon.php");
$month = date("F", mktime(0, 0, 0, $mon, $date, $year));

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\"
align=\"center\">Reservation</td></tr>";
echo "<tr><td>";

$usernamequery = "select u.*, hc.*, s.*, h.*, d.*, t.* from
doctor as d, time as t, hospital_clinic as h, user as u,
healthcard as hc, schedule as s where d.doccode =
'$doccode' and d.hospcode = '$hospcode' and t.timecode =
'$timecode' and h.hospcode = '$hospcode' and h.hccode =
'$hccode' and s.schedcode = '$schedcode' and u.usercode
= '$usercode' and hc.hccode = '$hccode'";
$usrres = mysql_query($usernamequery, $dbaseconnect);
$usrrows = mysql_num_rows($usrres);
if($usrrows != 0)
{
 $fetchusr = mysql_fetch_array($usrres);
 $username = $fetchusr[username];
 $firstname = $fetchusr[firstname];
 $middlename = $fetchusr[middlename];
 $lastname = $fetchusr[lastname];
 $emailaddress = $fetchusr[emailaddress];
 $mbphonenumber = $fetchusr[cellnumber];
 $hcname = $fetchusr[hcname];
 $hospcode = $fetchusr[hospcode];
 $doccode = $fetchusr[doccode];
 $timecode = $fetchusr[timecode];
 $hospname = $fetchusr[hospname];
 $hcoffice = $fetchusr[hcoffice];
```

```php
$docfname = $fetchusr[docfname];
$docmname = $fetchusr[docmname];
$doclname = $fetchusr[doclname];
$timename = $fetchusr[timename];
}

$firstname = ucfirst($firstname);
$middlename = ucfirst($middlename);
$lastname = ucfirst($lastname);
$docfname = ucfirst($docfname);
$docmname = ucfirst($docmname);
$doclname = ucfirst($doclname);

$docname = "$docfname"." "."$doclname";

include("../specialproject/_include/random_codegen.php");

$codeqry = "select * from reservation where reservecode =
'$code'";
$coderes = mysql_query($codeqry, $dbaseconnect);
$num = mysql_num_rows($coderes);
while($num != 0)
{

include("../specialproject/_include/random_codegen.php");
}

$restime = date("h:i:s A");

$qry1 = "select * from reservation where usercode =
'$usercode' and hospcode = '$hospcode' and doccode =
'$doccode' and schedcode = '$schedcode' and desiredyear
= '$year' and desiredmonth = '$month' and desireddate =
'$date'";
$res1 = mysql_query($qry1);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 echo "<center><p class=\"commontext\"><font color
= \"#000000\">You have already reserved this timeslot
with the same doctor, hospital and desired date of
consultation.";
 echo "<br><br><center><p class=\"linkstext\"><a
href=\"view_hospitallist.php?
usercode=$usercode&hccode=$hccode\"><font color
= \"#000000\">back</a>";
}
else
{

 $reservationqry = "insert into reservation (reservecode,
desireddate, desiredmonth, desiredyear, schedcode,
datemade, monthmade, yearmade, status, restime, hccode,
usercode, doccode, hospcode, hcidnum) values ('$code',
'$date', '$month', '$year', '$schedcode', '$currdatenum',
'$currmonth', '$curryear', 'pending', '$restime', '$hccode',
'$usercode', '$doccode', '$hospcode', '$hcardnumber')";
 mysql_query($reservationqry);

 echo "<center><p class=\"commontext\"><font color
= \"#000000\">The details has been successfully stored in
the database. Your reservation has a pending status. A
notification will be sent to you after at most one day, via
SMS and electronic mail, to let you know of the final status
of your reservation.";
 echo "<br>";
 echo "<br>";
 echo "<table align=\"center\" cellpadding=10><p
class=\"commontext\">";
 echo "<tr><td bgcolor=\"#CCCCCC\"><font color
= \"#990000\" cellspacing=10>Name</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$firstname $middlename
$lastname</td></tr>";
 echo "<tr><td bgcolor=\"#990000\"><font
color=\"#CCCCCC\">Email address</td><td
bgcolor=\"#990000\"><font
color=\"#CCCCCC\">$emailaddress</td></tr>";
 echo "<tr><td bgcolor=\"#CCCCCC\"><font color
= \"#990000\">Mobile phone number</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">+63$mbphonenumber</td></tr>";

 echo "<tr><td bgcolor=\"#990000\"><font
color=\"#CCCCCC\">Health card</td><td
bgcolor=\"#990000\"><font
color=\"#CCCCCC\">$hcname</td></tr>";
 echo "<tr><td bgcolor=\"#CCCCCC\"><font color
= \"#990000\">Hospital</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$hospname</td></tr>";
 echo "<tr><td bgcolor=\"#990000\"><font
color=\"#CCCCCC\">Doctor</td><td
bgcolor=\"#990000\"><font color=\"#CCCCCC\">Dr.
$docfname $doclname</td></tr>";
 echo "<tr><td bgcolor=\"#CCCCCC\"><font color
= \"#990000\">Reservation code</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$code</td></tr>";
 echo "<tr><td bgcolor=\"#990000\"><font
color=\"#CCCCCC\">Date</td><td
bgcolor=\"#990000\"><font color=\"#CCCCCC\">$month
$date, $year</td></tr>";
 echo "<tr><td bgcolor=\"#CCCCCC\"><font color
= \"#990000\">Time</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$timename</td></tr>";

 if($hcoffice != '')
 {
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Healthcard office</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">$hcoffice</td><tr>";
 }
 else
 {
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Healthcard office</td><td
bgcolor=\"#990000\"><font color = \"#CCCCCC\">--none--
</td><tr>";

        echo "<tr><td>Healthcard office outside
hospital:</td><td></td></tr><br>";
        $officeqry = "select * from healthcard_office
where hospcode = '$hospcode'";
        $officeres = mysql_query($officeqry,
$dbaseconnect);
        $officerows = mysql_num_rows($officeres);
        if($officerows != 0)
        {
                while($fetchofficeres =
mysql_fetch_array($officeres))
                {
                        if($bgcolor ==
'#990000')
                        {
$bgcolor='#CCCCCC';
                        }
                        else
                        {
$bgcolor='#990000';
                        }

                        if($fontcolor ==
'#CCCCCC')
                        {
$fontcolor='#993333';
                        }
                        else
                        {
$fontcolor='#CCCCCC';
                        }

                        $officename =
$fetchofficeres[officename];
                        $officeloc =
$fetchofficeres[officeloc];
                        echo "<tr><td
bgcolor=$bgcolor><center><p
```

```php
class=\"commontext\"><font color =
$fontcolor>$officename</td>";
                                      echo "<td
bgcolor=$bgcolor><center><p
class=\"commontext\"><font color =
$fontcolor>$officeloc</td></tr>";
                }
        }
  }
  echo "</td></tr></table>";
  echo "<br><center><p class=\"linkstext\"><a
href=\"view_hospitallist.php?
usercode=$usercode&hccode=$hccode\"><font color
= \"#000000\">back</a>";
 }
 echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
 ?>
```

search.php

```php
<?
/*
search.php

form when searching for a doctor
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");
include("../specialproject/_include/arrays.php");

$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Search</td></tr>";
echo "<tr><td>";
?>
<html>
<head>
<script language="Javascript">
function reload(form)
{
var val =
form.hccode.options[form.hccode.options.selectedIndex].va
lue;
 var val3 = form.usercode.value;
 self.location = 'search.php?
usercode='+val3+'&hccode='+val;
}

function search()
{
if (document.searchfxn.hccode.value.length == 0 ||
document.searchfxn.hospcode.value.length == 0)
{
 alert("Please choose a healthcard and a hospital.");
 return false;
}

document.searchfxn.action = "search2.php";
document.searchfxn.submit();
return true;
}
</script>
</head>
<body>
<?
@$hccode = $HTTP_GET_VARS['hccode'];

$hcquery = mysql_query("select hccode, hcname from
healthcard where hccode != '"");

if(isset($hccode) and strlen($hccode) > 0)
{
$hospquery = mysql_query("select * from hospital_clinic
where hccode = '$hccode'");
}
else

{
$hospquery = mysql_query("select * from hospital_clinic");
}

echo "<form method = \"get\" name = \"searchfxn\" action
= 'search2.php' id = \"searchfxn\">";
echo "<center><table border=0 cellpadding=7>";
echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font
color=\"#99000\">Healthcard</td><td
bgcolor=\"#CCCCCC\"><select name='hccode'
onchange=\"reload(this.form)\">";
echo "<option value=''></option>";
while($row = mysql_fetch_array($hcquery))
{
if($row['hccode']==@$hccode)
{
 echo "<option selected
value='$row[hccode]'>$row[hcname]</option>"."<BR>";
}
else
{
 echo  "<option
value='$row[hccode]'>$row[hcname]</option>";
}
}
echo "</select></td></tr>";

echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font
color=\"#CCCCCC\">Hospital</td><td
bgcolor=\"#990000\"><select name='hospcode'>";
echo "<option value=''></option>";
while($row2 = mysql_fetch_array($hospquery))
{
echo "<option selected
value='$row2[hospcode]'>$row2[hospname]</option>"."<
BR>";
}
echo "</select></td></tr>";

echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font
color=\"#99000\">Specialization</td>";
echo "<td bgcolor=\"#CCCCCC\"><select
name=\"docspecl\">";
echo "<option value=\"\"></option>";
foreach($specl_array as $key1 => $specl)
{
 echo "<option value=\"$specl\">$specl</option>";
}
echo "</td>";
echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font
color=\"#CCCCCC\">Day</td><td
bgcolor=\"#990000\"><select name = \"day\">";
echo "<option value = \"\"></option>";
echo "<option value = \"Monday\">Monday</option>";
echo "<option value = \"Tuesday\">Tuesday</option>";
echo "<option value
= \"Wednesday\">Wednesday</option>";
echo "<option value = \"Thursday\">Thursday</option>";
echo "<option value = \"Friday\">Friday</option>";
echo "<option value = \"Saturday\">Saturday</option>";
echo "</select></td>";

echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font
color=\"#990000\">Timecode</td><td
bgcolor=\"#CCCCCC\">";
echo "<select name=\"timecode\" size=\"1\"
id=\"timecode\"></option>";
echo "<option value=\"\" selected></option>";
foreach($tcodes as $key2 => $time)
{
$qry3 = "select * from time where timecode = '$time'";
$res3 = mysql_query($qry3);
$num3 = mysql_num_rows($res3);
if($num3 != 0)
{
 $row3 = mysql_fetch_array($res3);
```

```php
  $timename = $row3['timename'];
}
echo "<option value=\"$time\">$timename</option>";
}
echo "</select></td></tr>";

echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "<p>";
echo "</p></form></body></html>";
echo "</tR></td></table>";
echo "<br><br><input type=\"submit\" name=\"submit\"
value=\"search\" onclick=\"return search();\">";
echo "</table>";
include("../specialproject/_include/bottom_design.php");
?>
```

search2.php

```php
<?
/*
search2.php

processes the inputs in search.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];
$docspecl = $_GET['docspecl'];
$timecode = $_GET['timecode'];
$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$day = $_GET['day'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Search</td></tr>";
echo "<tr><td>";

$hcnameqry = "select hc.*, h.*, t.* from time as t,
healthcard as hc, hospital_clinic as h where hc.hccode =
'$hccode' and h.hospcode = '$hospcode' and t.timecode =
'$timecode'";
$res = mysql_query($hcnameqry, $dbaseconnect);
$nums = mysql_num_rows($res);
if($nums != 0)
{
 $fetchname = mysql_fetch_array($res);
 $hcname = $fetchname['hcname'];
 $hospname = $fetchname['hospname'];
 $doccount = $fetchname['doccount'];
 $timename = $fetchname['timename'];
}

echo "<center><p class=\"commontext\">Search
Entries<br>";
echo "<center><p class=\"commontext\">Health card
code: $hccode<br>";
echo "Hospital code: $hospcode<br>";
if($docspecl != '')
{
 echo "Doctor's specialization: $docspecl<br>";
}
else
{
 echo "Doctor's specialization: -- <br>";
}
if($day != '')
{
 echo "Day: $day<br>";
}
else
{
 echo "Day: -- <br>";
}
if($timecode != '')
{
```

```php
 echo "Timecode: $timecode<br>";
}
else
{
 echo "Timecode: -- <br>";
}

if($hccode != '' && $hospcode != '' && $timecode != '' &&
$day != '' && $docspecl != '') //all fields filled out "okay"
{
 $searchstr = "select * from healthcard as hc, doctor as d,
time as t, schedule as s, hospital_clinic as h where
d.hospcode = '$hospcode' and (d.docspecl LIKE '%
$docspecl%' or d.docspecl = '$docspecl') and s.timecode =
'$timecode' and s.day = '$day' and s.doccode = d.doccode
and s.hospcode = d.hospcode and h.hospcode =
'$hospcode' and h.hccode = '$hccode' and t.timecode =
'$timecode' and hc.hccode = '$hccode'";
 $error = "false";
}

if($hccode != '' && $hospcode != '' && $timecode != '' &&
$day != '' && $docspecl == '') //specl not filled out okay
{
 $searchstr = "select * from healthcard as hc, doctor as d,
time as t, schedule as s, hospital_clinic as h where
d.hospcode = '$hospcode' and s.timecode = '$timecode'
and s.day = '$day' and s.doccode = d.doccode and
s.hospcode = d.hospcode and h.hospcode = '$hospcode'
and h.hccode = '$hccode' and t.timecode = '$timecode' and
hc.hccode = '$hccode'";
 $error = "false";
}

if($hccode != '' && $hospcode != '' && $timecode == '' &&
$day != '' && $docspecl != '') //timecode not filled out okay
{
 $searchstr = "select * from doctor as d, healthcard as hc,
schedule as s, hospital_clinic as h where d.hospcode =
'$hospcode' and (d.docspecl LIKE '%$docspecl%' or
d.docspecl = '$docspecl') and s.day = '$day' and s.doccode
= d.doccode and s.hospcode = d.hospcode and h.hospcode
= '$hospcode' and h.hccode = '$hccode' and hc.hccode =
'$hccode'";
 $error = "false";
}

if($hccode != '' && $hospcode != '' && $day == '' &&
$docspecl != '' && $timecode != '') //day not filled out
"okay"
{
 $searchstr = "select * from doctor as d, time as t,
healthcard as hc, schedule as s, hospital_clinic as h where
d.hospcode = '$hospcode' and (d.docspecl LIKE '%
$docspecl%' or d.docspecl = '$docspecl') and s.timecode =
'$timecode' and s.doccode = d.doccode and s.hospcode =
d.hospcode and h.hospcode = '$hospcode' and h.hccode =
'$hccode' and t.timecode = '$timecode' and hc.hccode =
'$hccode'";
 $error = "false";
}

if($hccode != '' && $hospcode != '' && $day == '' &&
$docspecl == '' && $timecode != '') //day and specl not
filled out okay
{
 $searchstr = "select * from doctor as d, time as t,
schedule as s, healthcard as hc, hospital_clinic as h where
d.hospcode = '$hospcode' and s.timecode = '$timecode'
and s.doccode = d.doccode and s.hospcode = d.hospcode
and h.hospcode = '$hospcode' and h.hccode = '$hccode'
and t.timecode = '$timecode' and hc.hccode = '$hccode'";
 $error = "false";
}

if($hccode != '' && $hospcode != '' && $day != '' &&
$docspecl == '' && $timecode == '') //specl and timecode
not filled out okay
{
 $searchstr = "select * from doctor as d, schedule as s,
hospital_clinic as h, healthcard as hc where d.hospcode =
```

```
'$hospcode' and s.day = '$day' and s.doccode = d.doccode
and s.hospcode = d.hospcode and h.hospcode =
'$hospcode' and h.hccode = '$hccode' and hc.hccode =
'$hccode' and d.hospcode = h.hospcode and h.hccode =
hc.hccode and s.hospcode = h.hospcode";
 $error = "false";
}

if($hccode != '' && $hospcode != '' && $day == '' &&
$docspecl != '' && $timecode == '') //timecode and day not
filled out
{
 $searchstr = "select * from doctor as d, hospital_clinic as
h, healthcard as hc where d.hospcode = '$hospcode' and
(d.docspecl LIKE '%$docspecl%' or d.docspecl =
'$docspecl') and h.hospcode = '$hospcode' and h.hccode =
'$hccode' and hc.hccode = '$hccode'";
 $error = "false";
}

if($hccode != '' && $hospcode != '' && $day == '' &&
$docspecl == '' && $timecode == '') //specl, day, timecode
not filled out "okay"
{
 $searchstr = "select * from doctor as d, hospital_clinic as
h, healthcard as hc where d.hospcode = '$hospcode' and
h.hospcode = '$hospcode' and h.hccode = '$hccode' and
hc.hccode = '$hccode'";
 $error = "false";
}

if($error == "false")
{
 $rowsPerPage = 5;
 $pageNum = 1;

 if(isset($_GET['pageNum']))
 {
                $pageNum = $_GET['pageNum'];
        }
 $offset = ($pageNum - 1) * $rowsPerPage;

 $result = mysql_query($searchstr, $dbaseconnect);
 $numrows = mysql_num_rows($result);
 $result2 = mysql_query($searchstr . " LIMIT $offset,
$rowsPerPage");

 if($numrows != 0)
 {
        echo "<table>";
        echo "<tr>";
        echo "</tr>";
        echo "<br>";
        echo "<tr><td class=\"commontext\">Search
Results:</td></tr>";
        echo "<tr><td class=\"commontext\">";

        $rownum = $offset;
        while ($row = mysql_fetch_array($result2))
        {

                $docfname =
ucfirst($row['docfname']);
                $docmname =
ucfirst($row['docmname']);
                $doclname =
ucfirst($row['doclname']);
                $hospname =
ucfirst($row['hospname']);
                $hcname = ucfirst($row['hcname']);
                $specl = $row['docspecl'];
                $doccode = $row['doccode'];
                $schedcode = $row['schedcode'];
                $timename = $row['timename'];

                $stmt = "select * from schedule
where doccode = '$doccode' and hospcode = '$hospcode'";
                $r = mysql_query($stmt,
$dbaseconnect);
                $s = mysql_num_rows($r);
                $rownum++;
                echo "<br><br>";

                if($s != 0)
                {
                        if($hccode != '' &&
$hospcode != '' && $timecode != '' && $day != '' &&
$docspecl != '') //all fields filled out "okay"
                        {
                                echo "$rownum
- Dr. $docfname $docmname $doclname <a
href=\"view_schedule.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&docspecl=$specl&day=$day&timec
ode=$timecode&frompage=search\"><font
color=\"#000000\">[$doccode]</a><br>";
                        }
                        if($hccode != '' &&
$hospcode != '' && $timecode != '' && $day != '' &&
$docspecl == '') //specl not filled out okay
                        {
                                echo "$rownum
- Dr. $docfname $docmname $doclname <a
href=\"view_schedule.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&day=$day&timecode=$timecode&fr
ompage=search\"><font
color=\"#000000\">[$doccode]</a><br>";
                        }
                        if($hccode != '' &&
$hospcode != '' && $timecode == '' && $day != '' &&
$docspecl != '') //timecode not filled out okay
                        {
                                echo "$rownum
- Dr. $docfname $docmname $doclname <a
href=\"view_schedule.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&docspecl=$specl&day=$day&fromp
age=search\"><font
color=\"#000000\">[$doccode]</a><br>";
                        }
                        if($hccode != '' &&
$hospcode != '' && $day == '' && $docspecl != '' &&
$timecode != '') //day not filled out "okay"
                        {
                                echo "$rownum
- Dr. $docfname $docmname $doclname <a
href=\"view_schedule.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&docspecl=$specl&timecode=$timec
ode&frompage=search\"><font
color=\"#000000\">[$doccode]</a><br>";
                        }
                        if($hccode != '' &&
$hospcode != '' && $day == '' && $docspecl == '' &&
$timecode != '') //day and specl not filled out okay
                        {
                                echo "$rownum
- Dr. $docfname $docmname $doclname <a
href=\"view_schedule.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&timecode=$timecode&frompage=se
arch\"><font color=\"#000000\">[$doccode]</a><br>";
                        }
                        if($hccode != '' &&
$hospcode != '' && $day != '' && $docspecl == '' &&
$timecode == '') //specl and timecode not filled out okay
                        {
                                echo "$rownum
- Dr. $docfname $docmname $doclname <a
href=\"view_schedule.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&day=$day&frompage=search\"><f
ont color=\"#000000\">[$doccode]</a><br>";
                        }
                        if($hccode != '' &&
$hospcode != '' && $day == '' && $docspecl != '' &&
$timecode == '') //timecode and day not filled out
                        {
                                echo "$rownum
- Dr. $docfname $docmname $doclname <a
href=\"view_schedule.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&docspecl=$specl&frompage=search
\"><font color=\"#000000\">[$doccode]</a><br>";
```

```php
                                        }
                                if($hccode != '' &&
$hospcode != '' && $day == '' && $docspecl == '' &&
$timecode == '') //specl, day, timecode not filled out
"okay"
                                {
                                                echo "$rownum
- Dr. $docfname $docmname $doclname <a
href=\"view_schedule.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&frompage=search\"><font
color=\"#000000\">[$doccode]</a><br>";
                                }

                        }
                        else
                        {
                                echo "$rownum - Dr.
$docfname $docmname $doclname</a><br>";
                        }
                        echo
"     $hospname
[$hospcode] | $hcname
[$hccode]<br>     
$specl<br>";
                }
                echo "</td></tr>";
                echo "</table><br>";
                echo "<HR><BR><CENTER><p
class=\"commontext\">Found $numrows match(es) for the
parameters you entered.</p>";

                $maxPage = ceil($numrows/$rowsPerPage);
                        if($maxPage!=1 && $numrows!=0)
                {
                                print "<p class=\"commontext\"
align=\"center\">page $pageNum of $maxPage</p>";

                                for($pageNum = 1;
$pageNum <= $maxPage; $pageNum++)
                                {
                                        echo "<a
href='search2.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&timecode=$timecode&day=$day&docspecl=$docspecl&
pageNum=$pageNum'><font
color=\"#000000\">$pageNum</a> ";
                                }
                                $pageNum=$pageNum-1;
                        }
        }
        else
        {
                echo "<br>";
                echo "<center><p
class=\"commontext\">     
Found 0 match(es) for the parameters you
entered.</p><hr>";
        }
}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

signup.php

```php
<?
/*
signup.php

form when user registers into the system
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

echo "<table width=\"560\" height=\"590\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Sign Up</td></tr>";
echo "<tr><td>";
?>
<html>
<head>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
</head>
<body>
<form name="signup" method="post" action=""
id="signup">
<?
echo "<br><br><center><table border=0
cellpadding=4>";
echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font
color=\"#990000\">Username*</td><td
bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"username\"
maxlength=\"20\"></td></tr>";
echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font
color=\"#CCCCCC\">Password*</td><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"password\" name=\"password\"
maxlength=\"20\"></td></tr>";
echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Re-enter
password*</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"password\" name=\"repassword\"
maxlength=\"20\"></td></tr>";
echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">First
name*</td><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\"><input
type=\"text\" name=\"firstname\"
maxlength=\"50\"></td></tr>";
echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Middle
name</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"middlename\"
maxlength=\"50\"></td></tr>";

echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">Last
name*</td><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\"><input
type=\"text\" name=\"lastname\"
maxlength=\"50\"></td></tr>";
echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Email
address*</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"emailaddress\"></td></tr>";
echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">Mobile
phone number</td><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font
color=\"#CCCCCC\">+63 <input type=\"text\"
name=\"mbphonenumber\"
maxlength=\"10\"></td></tr>";
echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
echo "</tR></td></table>";
echo "<hr></hr>";
echo "<p class=\"italictext\">* indicates a required
field<br>Note: if you want to receive notifications via SMS,
please fill out the field for mobile phone number.</p>";
echo "<p>";
echo "<input type=\"submit\" name=\"submit\"
value=\"submit form\" onClick=\"return
signupaccount();\">     &nb
sp;";
echo "<input type=\"reset\" name=\"reset\"
value=\"reset\"><br>";
echo "</p>";
?>
</form>
```

```
</body>
</html>
<?
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

signup2.php

```
<?
/*
signup2.php

processes inputs in signup.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$username = $_POST['username'];
$firstname = $_POST['firstname'];
$middlename = $_POST['middlename'];
$lastname = $_POST['lastname'];
$emailaddress = $_POST['emailaddress'];
$mbphonenumber = $_POST['mbphonenumber'];
$repassword = $_POST['repassword'];
$password = $_POST['password'];

echo "<table width=\"560\" height=\"590\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Sign Up</td></tr>";
echo "<tr><td>";

$usernameqry = "select * from user where username =
'$username'";
$result = mysql_query($usernameqry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 echo "<center><p class=\"commontext\"><font
color=\"#000000\">The username you have entered has
already been used by another user. Please input another
username.";
?>
  <head>
  <script language="Javascript"
src="../specialproject/_include/javascript_fxns.js"></script
>
  </head>
  <body>
  <form name="sign_up" method="post" action=""
id="sign_up">
  <p>
<?
 echo "<br><center><table border=0 cellpadding=4>";
 echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font
color=\"#990000\">Username*</td><td
bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"username\"
maxlength=\"20\"></td></tr>";
 echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font
color=\"#CCCCCC\">Password*</td><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"password\" name=\"password\"
value=\"$password\" maxlength=\"20\"></td></tr>";
 echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Re-enter
password*</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"password\" name=\"repassword\"
value=\"$repassword\" maxlength=\"20\"></td></tr>";
 echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">First
name*</td><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\"><input
type=\"text\" name=\"firstname\" value=\"$firstname\"
maxlength=\"50\"></td></tr>";
 echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Middle
name</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"middlename\"
value=\"$middlename\" maxlength=\"50\"></td></tr>";
 echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">Last
name*</td><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\"><input
type=\"text\" name=\"lastname\" value=\"$lastname\"
maxlength=\"50\"></td></tr>";
 echo "<tr><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\">Email
address*</td><td bgcolor=\"#CCCCCC\"><center><p
class=\"commontext\"><font color=\"#99000\"><input
type=\"text\" name=\"emailaddress\"
value=\"$emailaddress\"></td></tr>";
 echo "<tr><td bgcolor=\"#990000\"><center><p
class=\"commontext\"><font color=\"#CCCCCC\">Mobile
phone number</td><td
bgcolor=\"#990000\"><center><p
class=\"commontext\"><font
color=\"#CCCCCC\">+63 <input type=\"text\"
value=\"$mbphonenumber\" name=\"mbphonenumber\"
maxlength=\"10\"></td></tr>";
 echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
 echo "</tR></td></table>";
 echo "<hr></hr>";
 echo "<p class=\"italictext\">* indicates a required
field</p>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"submit form\" onClick=\"return
signup_r();\">      ";
 echo "<input type=\"reset\" name=\"reset\"
value=\"reset\">";
 echo "</p>";
?>
 </p>
 </form>
 </body>
<?
}
else
{

include("../specialproject/_include/random_codegen.php");

 $codeqry = "select * from user where usercode =
'$code'";
 $coderes = mysql_query($codeqry, $dbaseconnect);
 $num = mysql_num_rows($coderes);
 while($num != 0)
 {

include("../specialproject/_include/random_codegen.php");
 }

 $insertqry = "insert into user (usercode, emailaddress,
password, firstname, middlename, lastname, cellnumber,
username, userstatus) values ('$code', '$emailaddress',
'$password', '$firstname', '$middlename', '$lastname',
'$mbphonenumber', '$username', 'inactive')";
 mysql_query($insertqry);

 include("../specialproject/_include/class.phpmailer.php");
 include("../specialproject/_include/mailInfo.php");

 $name = "$lastname".","."$firstname";

 $link =
"http://localhost/restricted/specialproject/insertreginformati
on.php?username=$username&usercode=$code";
 $subject = "OHCMARS Account Activation";

 $message = "Dear $firstname,\n\nThis mail was sent to
confirm the validity of your email address. Please click on
the link below to successfully finish the registration
process.\nThank you for using Online Healthcards Manager
```

and Appointment Reservation System. It is our pleasure to serve you.\n\n$link";

```php
 $mail = new PHPMailer();
 $mail->IsSMTP(); // telling the class to use SMTP
 $mail->Host = $host; // SMTP server
 $mail->From = $from;
 $mail->AddAddress($emailaddress, $name);
 $mail->FromName = $fromName;
 $mail->Subject = "OHCMARS Account Activation";
 $mail->Body = $message;
 $mail->WordWrap = 70;

 if(!$mail->Send())
 {
          echo "Message was not sent";
          echo "Mailer Error: " . $mail->ErrorInfo;
 }
 else
 {
          print "";
 }

 $usercode = 'guest';
 echo "<center><p class=\"commontext\"><font
color=\"#000000\">A notification has been sent to the
email address you entered. Please sign in to your email
address and from there, please activate your account.
Thank you.";

 }
 echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
 ?>
```

view_activeusers.php

```php
<?
/*
view_activeusers.php

displays the list of active users
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];
echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Active
Viewers</td></tr>";
echo "<tr><td>";
$rowsPerPage = 5;

$pageNum = 1;
if(isset($_GET['pageNum']))
{
          $pageNum = $_GET['pageNum'];
    }
$offset = ($pageNum - 1) * $rowsPerPage;

$qry = "select * from user where userstatus = 'active'";
$res = mysql_query($qry, $dbaseconnect);
$num = mysql_num_rows($res);

$qry1 = "select * from user where userstatus = 'active' "."
limit $offset, $rowsPerPage";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);

$bgcolor='#990000';
$fontcolor='#CCCCCC';
if($num != 0)
{
 echo "<center><p class=\"commontext\">System found
$num active user(s).<br><br>";
 echo "<table border=0><tr bgcolor=\"#990000\"><td
width=125><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Usercode</td><td
width=120><font color=\"#CCCCCC\"><center><font
color=\"#CCCCCC\"><p
class=\"managesystem\">Username</td><td
width=250><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Name</td><td
width=120><center><font color=\"#CCCCCC\"><p
class=\"managesystem\">Mobile phone number</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Email address</td></tr>";
 while($row1 = mysql_fetch_array($res1))
 {
          if($bgcolor == '#990000')
          {
                   $bgcolor='#CCCCCC';
          }
          else
          {
                   $bgcolor='#990000';
          }

          if($fontcolor == '#CCCCCC')
          {
                   $fontcolor='#993333';
          }
          else
          {
                   $fontcolor='#CCCCCC';
          }

          $uname = $row1[username];
          $emailaddress = $row1[emailaddress];
          $firstname = $row1[firstname];
          $middlename = $row1[middlename];
          $lastname = $row1[lastname];
          $ucode = $row1[usercode];
          $cellnumber = $row1[cellnumber];

          $firstname = ucfirst($firstname);
          $middlename = ucfirst($middlename);
          $lastname = ucfirst($lastname);

                   echo "<tr>";
                   echo "<td width = 125 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                   echo "$ucode";
                   echo "</td>";
                   echo "<td width = 120 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                   echo "$uname";
                   echo "</td>";
                   echo "<td width = 250 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                   echo "$firstname $middlename
$lastname";
                   echo "</td>";
                   echo "<td width = 120 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                   echo "$cellnumber";
                   echo "</td>";
                   echo "<td width = 125 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                   echo "$emailaddress";
                   echo "</td>";
                   echo "</tr>";
          }
          echo "</table>";
          $maxPage = ceil($num/$rowsPerPage);
          if($maxPage!=1 && $num!=0)
          {
                   print "<p class=\"commontext\"
align=\"center\">page $pageNum of $maxPage</p>";

                   for($pageNum = 1; $pageNum <=
$maxPage; $pageNum++)
                   {
                            $usercode =
$_GET['usercode'];
```

```
                  echo "<a
href='view_activeusers.php?
usercode=$usercode&pageNum=$pageNum'><font
color=\"#000000\">$pageNum</a> ";
                  }
                  $pageNum = $pageNum-1;
            }

  }
  else
  {
        echo "<center><p class=\"commontext\">0
active user(s).<br><br>";

  }
 echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
 ?>
```

view_approvedreservations.php

```
<?
/*
view_approvedreservations.php

displays the list of approved reservations.php
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];

 echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
 echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Approved
Reservations</td></tr>";
 echo "<tr><td>";
?>
<html>
<head>
<script type="text/javascript"
src="../specialproject/_include/calendarDateInput.js">
</script>
</head>
<body onLoad = "month();">
<?
@$hccode = $HTTP_GET_VARS['hccode'];
@$hospcode = $HTTP_GET_VARS['hospcode'];

$hcquery = mysql_query("select hccode, hcname from
healthcard where hccode != ''");

if(isset($hccode) and strlen($hccode) > 0)
{
$hospquery = mysql_query("select * from hospital_clinic
where hccode = '$hccode'");
}
else
{
$hospquery = mysql_query("SELECT * from
hospital_clinic");
}


if(isset($hospcode) and strlen($hospcode) > 0)
{
$docquery = mysql_query("select * from doctor where
hospcode = '$hospcode'");
}
else
{
$docquery = mysql_query("select * from doctor");
}

echo "<form method = \"get\" name
= \"view_approvedres\" action = '' id
= \"view_approvedres\">";
echo "<center><table border=0 cellpadding=10>";
```

```
 echo "<tr bgcolor = \"#CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Healthcard*</td>";
 echo "<td><select name='hccode'
onchange=\"reload2(this.form)\"><option
value=''></option>";
 while($row = mysql_fetch_array($hcquery))
 {
 if($row['hccode']==@$hccode)
 {
  echo "<option selected
value='$row[hccode]'>$row[hcname]</option>"."<BR>";
 }
 else
 {
  echo  "<option
value='$row[hccode]'>$row[hcname]</option>";
 }
 }
 echo "</select></td></tr>";

 echo "<tr bgcolor = \"#990000\"><td><p
class=\"commontext\"><font
color=\"#CCCCCC\">Hospital*</td>";
 echo "<td><select name='hospcode'
onchange=\"reload2(this.form)\"><option
value=''></option>";
 while($row2 = mysql_fetch_array($hospquery))
 {
 if($row2['hospcode']==@$hospcode)
 {
  echo "<option selected
value='$row2[hospcode]'>$row2[hospname]</option>"."<
BR>";
 }
 else
 {
  echo  "<option
value='$row2[hospcode]'>$row2[hospname]</option>";
 }
 }
 echo "</select></td></tr>";

 echo "<tr bgcolor = \"#CCCCCC\"><td><p
class=\"commontext\"><font
color=\"#990000\">Doctor*</td>";
 echo "<td><select name='doccode'><option
value=''></option>";
 while($row3 = mysql_fetch_array($docquery))
 {
 echo  "<option value='$row3[doccode]'>$row3[docfname]
$row3[doclname]</option>";
 }
 echo "</select></td></tr>";
 echo "<tr bgcolor=\"990000\"><td><p
class=\"commontext\"><font
color=\"#CCCCCC\">Date*</td><td><script>DateInput('o
rderdate', true, 'mm-dd-yyyy')</script><br><input
type=\"button\"
onClick=\"alert(this.form.orderdate.value)\" value=\"show
date\"></td></tr>";
 echo "</table>";
 echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">";
 echo "<input type=\"hidden\" name=\"frompage\"
value=\"formapproved\">";
 echo "</p><p>";
 echo "<p class=\"italictext\">* indicates a required
field</a><br><br>";
 echo "<input type=\"submit\" name=\"submit\"
value=\"view approved reservations\" onClick=\"return
view_approved();\">";
?>
  </p>
</form>
</body>
</html>
<?
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

view_approvedreservations2.php

```php
<?
/*
view_approvedreservations2.php

displays the list of approved reservations
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];
$frompage = $_GET['frompage'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Approved
Reservations</td></tr>";
echo "<tr><td>";

$rowsPerPage = 7;

$pageNum = 1;
if(isset($_GET['pageNum']))
{
          $pageNum = $_GET['pageNum'];
    }
$offset = ($pageNum - 1) * $rowsPerPage;

if($frompage == 'main')
{
 $qry = "select * from reservation where status =
'approved'";
 $res = mysql_query($qry, $dbaseconnect);
 $num = mysql_num_rows($res);

 $qry1 = "select * from reservation where status =
'approved' order by hccode, hospcode, doccode,
desiredmonth, desireddate, desiredyear, schedcode " . "
limit $offset, $rowsPerPage";
 $res1 = mysql_query($qry1, $dbaseconnect);
}
elseif($frompage == 'docschedule')
{
 $hccode = $_GET['hccode'];
 $hospcode = $_GET['hospcode'];
 $doccode = $_GET['doccode'];
 $schedcode = $_GET['schedcode'];
 $timecode = $_GET['timecode'];
 $a = 1;

 $qry = "select * from reservation where hospcode =
'$hospcode' and doccode = '$doccode' and status =
'approved' and schedcode = '$schedcode'";
 $res = mysql_query($qry, $dbaseconnect);
 echo mysql_error();
 $num = mysql_num_rows($res);

 $qry1 = "select * from reservation where hospcode =
'$hospcode' and doccode = '$doccode' and status =
'approved' and schedcode = '$schedcode' " . " LIMIT
$offset, $rowsPerPage";
 $res1 = mysql_query($qry1, $dbaseconnect);
}
elseif($frompage == 'formapproved')
{
 $hccode = $_GET['hccode'];
 $doccode = $_GET['doccode'];
 $hospcode = $_GET['hospcode'];
 $usercode = $_GET['usercode'];
 $orderdate = $_GET['orderdate'];

 list($mon, $date, $year) = split('[/.-]', $orderdate);
 include("../specialproject/_include/convertmon.php");
 $month = date("F", mktime(0, 0, 0, $mon, $date,
$year));

 $qry = "select * from reservation where desireddate =
'$date' and desiredmonth = '$month' and desiredyear =
'$year' and hccode = '$hccode' and status = 'approved' and
doccode = '$doccode' and hospcode = '$hospcode'";
 $res = mysql_query($qry, $dbaseconnect);
 $num = mysql_num_rows($res);

 $qry1 = "select * from reservation where desireddate =
'$date' and desiredmonth = '$month' and desiredyear =
'$year' and hccode = '$hccode' and status = 'approved' and
doccode = '$doccode' and hospcode = '$hospcode' " . "
LIMIT $offset, $rowsPerPage";
 $res1 = mysql_query($qry1, $dbaseconnect);
}

$bgcolor='#990000';
$fontcolor='#CCCCCC';
if($num != 0)
{
 echo "<center><p class=\"commontext\">System found
$num approved reservation(s).<br><br>";
 echo "<table border=0><tr bgcolor=\"#990000\"><td
width=150><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Health card</td><td
width=200><font color=\"#CCCCCC\"><center><font
color=\"#CCCCCC\"><p
class=\"managesystem\">Hospital's name</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Doctor's name</td><td
width=200><center><font color=\"#CCCCCC\"><p
class=\"managesystem\">Reservation code</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">User's full name</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Schedule of approved
reservation</td><td width=100><font
color=\"#CCCCCC\"><center><p
class=\"managesystem\">Time of approved
reservation</td><td width=100><font
color=\"#CCCCCC\"><center><p
class=\"managesystem\">When reservation was
made</td><td width=100><font
color=\"#CCCCCC\"><center><p
class=\"managesystem\">Status</td></tr>";

 while($row1 = mysql_fetch_array($res1))
 {
          if($bgcolor == '#990000')
          {
                    $bgcolor='#CCCCCC';
          }
          else
          {
                    $bgcolor='#990000';
          }

          if($fontcolor == '#CCCCCC')
          {
                    $fontcolor='#990000';
          }
          else
          {
                    $fontcolor='#CCCCCC';
          }

          $reservecode = $row1[reservecode];
          $datemade = $row1[datemade];
          $monthmade = $row1[monthmade];
          $yearmade = $row1[yearmade];
          $restime = $row1[restime];
          $ucode = $row1[usercode];
          $schedcode = $row1[schedcode];
          $hccode = $row1[hccode];
          $doccode = $row1[doccode];
          $hospcode = $row1[hospcode];
          $desireddate = $row1[desireddate];
          $desiredmonth = $row1[desiredmonth];
          $desiredyear = $row1[desiredyear];
          $hcidnum = $row1[hcidnum];

          $qry2 = "select * from user where usercode =
'$ucode'";
          $res2 = mysql_query($qry2, $dbaseconnect);
          $num2 = mysql_num_rows($res2);
```

```php
		if($num2 != 0)
		{
			$fetchname =
mysql_fetch_array($res2);
			$username = $fetchname[username];
			$firstname = $fetchname[firstname];
			$middlename =
$fetchname[middlename];
			$lastname = $fetchname[lastname];
		}

		$qry3 = "select h.*, d.*, hc.*, u.*,s.* from
schedule as s, hospital_clinic as h, doctor as d, user as u,
healthcard as hc where hc.hccode = '$hccode' and
h.hospcode = '$hospcode' and h.hccode = '$hccode' and
d.doccode = '$doccode' and d.hospcode = '$hospcode' and
u.username = '$username' and s.schedcode =
'$schedcode'";
		$res3 = mysql_query($qry3, $dbaseconnect);
		$num3 = mysql_num_rows($res3);
		if($num3 != 0)
		{
			$row3 = mysql_fetch_array($res3);
			$hcname = $row3[hcname];
			$hospname = $row3[hospname];
			$docfname = $row3[docfname];
			$doclname = $row3[doclname];
			$docmname = $row3[docmname];
			$userfname = $row3[firstname];
			$usermname = $row3[middlename];
			$userlname = $row3[lastname];
			$timecode = $row3[timecode];
		}

		$firstname = ucfirst($firstname);
		$middlename = ucfirst($middlename);
		$lastname = ucfirst($lastname);
		$uname = "$firstname"." "."$middlename"."
"."$lastname";

		$qry4 = "select * from time where timecode =
'$timecode'";
		$res4 = mysql_query($qry4, $dbaseconnect);
		$num4 = mysql_num_rows($res4);
		if($num4 != 0)
		{
			$row4 = mysql_fetch_array($res4);
			$timename = $row4[timename];
		}
			$docfname = ucfirst($docfname);
			$docmname = ucfirst($docmname);
			$doclname = ucfirst($doclname);

			$docname = "$docfname"."
"."$doclname";

		echo "<tr>";
		echo "<td width = 100 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
		echo "$hcname";
		echo "</td>";
		echo "<td width = 200 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
		echo "$hospname";
		echo "</td>";
		echo "<td width = 200 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
		echo "Dr. $docname";
		echo "</td>";
		echo "<td width = 75 bgcolor = $bgcolor><font
color= $fontcolor><center><p
class=\"managesystem\">";
		echo "$reservecode";
		echo "</td>";
		echo "<td width = 200 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
		echo "$uname";
		echo "</td>";
		echo "<td width = 125 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
		echo "$desiredmonth $desireddate,
$desiredyear";
		echo "</td>";
		echo "<td width = 200 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
		echo "$timename";
		echo "</td>";
		echo "<td width = 125 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
		echo "$monthmade $datemade,
$yearmade<br><br>$restime";
		echo "</td>";
		echo "<td width = 75 bgcolor = $bgcolor><font
color= $fontcolor><center><p
class=\"managesystem\">";
		echo "approved";
		echo "</td>";
		echo "</tr>";
		}
		echo "</table>";

		$maxPage = ceil($num/$rowsPerPage);
		if($maxPage!=1 && $num!=0)
		{
			print "<p class=\"commontext\"
align=\"center\">page $pageNum of $maxPage</p>";

			for($pageNum = 1; $pageNum <=
$maxPage; $pageNum++)
			{
				$usercode =
$_GET['usercode'];
				echo "<a
href='view_approvedreservations2.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&orderdate
=$orderdate&month=$month&date=$date&year=$year&fro
mpage=$frompage&pageNum=$pageNum'><font
color=\"#000000\">$pageNum</a> ";
			}
			$pageNum = $pageNum-1;
		}
		if($frompage == 'formapproved')
		{
			echo "<p class=\"commontext\"
align=\"center\"><br><br><a href=\"exportlist.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&month=$month&date=$date&year
=$year\"><font color=\"#000000\">export list to
excel</a><br><br>";
			echo "<a
href=\"view_approvedreservations.php?
usercode=$usercode\"><font
color=\"#000000\">back</a>";
		}
		elseif($frompage == 'docschedule')
		{
			echo "<center><p
class=\"linkstext\"><a href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode\"><font
color=\"#000000\">back</a>";
		}

	}
	else
	{
		echo "<center><p
class=\"commontext\">System found 0 approved
reservations.<br><br>";
		echo "<center><p class=\"linkstext\"><a
href=\"view_approvedreservations.php?
usercode=$usercode\"><font
color=\"000000\">back</a>";
	}
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
```

```
?>
```

view_benefits.php

```php
<?
/*
view_benefits.php

displays the services the healthcard offers
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET['hccode'];
$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Services</td></tr>";
echo "<tr><td>";

$qry1 = "select * from healthcard where hccode =
'$hccode'";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);
if($num1 != 0)
{
 $row1 = mysql_fetch_array($res1);
 $benefits = $row1[hcbenefits];
 $hcname = $row1[hcname];
}

echo "<center><p class=\"commontext\">Health card
name: $hcname [$hccode]";

echo "<table border=0 cellspacing=\"3\" cellpadding=\"3\"
align=\"center\">";
echo "<tr><p class=\"commontext\">";
echo "<td width = 700>";
echo "<p class=\"commontext\">$benefits";
echo "</td>";
echo "</tr>";
echo "</table>";

if($usercode == 'systemadministrator')
{
 echo "<center><p class=\"linkstext\"><a
href=\"managehealthcards.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
}
else
{
 echo "<center><p class=\"linkstext\"><a
href=\"view_healthcardslist.php?
usercode=$usercode&hccode=$hccode\"><font
color=\"#000000\">back</a>";
}
echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>
```

view_docschedadmin.php

```php
<?
/*
view_docschedadmin.php

displays the doctor's schedule on the system
administrator's side
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET['hccode'];
$hospcode = $_GET['hospcode'];
$doccode = $_GET['doccode'];
```

```php
$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Schedule</td></tr>";
echo "<tr><td>";

$qry = "select d.*, h.*, hc.* from healthcard as hc, doctor
as d, hospital_clinic as h where d.doccode = '$doccode' and
d.hospcode = '$hospcode' and h.hospcode = '$hospcode'
and h.hccode = '$hccode' and hc.hccode = '$hccode'";
$result = mysql_query($qry, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 $fetchnames = mysql_fetch_array($result);
 $docfname = $fetchnames['docfname'];
 $docmname = $fetchnames['docmname'];
 $doclname = $fetchnames['doclname'];
 $hospname = $fetchnames['hospname'];
 $docspecl = $fetchnames['docspecl'];
 $hcname = $fetchnames['hcname'];
}

$docfname2 = ucfirst($docfname);
$docmname2 = ucfirst($docmname);
$doclname2 = ucfirst($doclname);

$rowsPerPage = 5;

$pageNum = 1;
if(isset($_GET['pageNum']))
{
        $pageNum = $_GET['pageNum'];
    }
$offset = ($pageNum - 1) * $rowsPerPage;

$qry2 = "select * from schedule where doccode =
'$doccode' and hospcode = '$hospcode'";
$res2 = mysql_query($qry2, $dbaseconnect);
$num2 = mysql_num_rows($res2);

$qry3 = "select * from schedule where doccode =
'$doccode' and hospcode = '$hospcode' order by day,
timecode " . " LIMIT $offset, $rowsPerPage";
$res3 = mysql_query($qry3, $dbaseconnect);

$bgcolor='#990000';
$fontcolor='#CCCCCC';
if($num2 != 0)
{
 echo "<center><p class=\"commontext\">Dr.
$docfname2 $doclname2
[$doccode]<br>$docspecl<br>$hospname
[$hospcode]<br><br>";
 echo "<table border=0><tr bgcolor=\"#990000\"><td
width=150><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Health card</td><td
width=100><center><font color=\"#CCCCCC\"><p
class=\"managesystem\">Hospital's name</td><td
width=75><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Doctor's name</td><td
width=50><center><font color=\"#CCCCCC\"><p
class=\"managesystem\">Schedcode</td><td
width=50><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Day</td><td width=200><font
color=\"#CCCCCC\"><center><p
class=\"managesystem\">Time</td><td width=75><font
color=\"#CCCCCC\"><center><p
class=\"managesystem\"></td><td width=100><font
color=\"#CCCCCC\"><center><p
class=\"managesystem\">Reservations</td></tr>";

 while($row2 = mysql_fetch_array($res3))
 {
        if($bgcolor == '#990000')
        {
                $bgcolor='#CCCCCC';
        }
        else
```

```php
        {
                $bgcolor='#990000';
        }

        if($fontcolor == '#CCCCCC')
        {
                $fontcolor='#993333';
        }
        else
        {
                $fontcolor='#CCCCCC';
        }

        $schedcode = $row2['schedcode'];
        $timecode = $row2['timecode'];
        $day = $row2['day'];

        $qry4 = "select * from time where timecode =
'$timecode'";
        $res4 = mysql_query($qry4, $dbaseconnect);
        $num4 = mysql_num_rows($res4);
        if($num4 != 0)
        {
                $row4 = mysql_fetch_array($res4);
                $timename = $row4['timename'];
        }

        $qry0 = "select * from reservation where
hospcode = '$hospcode' and doccode = '$doccode' and
status = 'approved' and schedcode = '$schedcode'";
        $res0 = mysql_query($qry0, $dbaseconnect);
        $c = mysql_num_rows($res0);

        $qryd = "select * from reservation where
hospcode = '$hospcode' and doccode = '$doccode' and
status = 'pending' and schedcode = '$schedcode'";
        $resd = mysql_query($qryd, $dbaseconnect);
        $c1 = mysql_num_rows($resd);

        echo "<tr>";
        echo "<td width=150
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<font color= $fontcolor>hcname";
        echo "</td>";
        echo "<td width=100
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<font color= $fontcolor>$hospname";
        echo "</td>";
        echo "<td width=100
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<font color= $fontcolor>$docfname2
$docmname2 $doclname2";
        echo "</td>";
        echo "<td width=50
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<font color=
$fontcolor>{$row2['schedcode']}";
        echo "</td>";
        echo "<td width=75
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<font color= $fontcolor>{$row2['day']}";
        echo "</td>";
        echo "<td width=100
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<font color= $fontcolor>$timename";
        echo "</td>";
        echo "<td width=100
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<a href=\"edit_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&timecode=
$timecode&day=$day\"><font color=
$fontcolor>edit</a><br><br><a
href=\"delete_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&day=$day
&timecode=$timecode\"><font color=
$fontcolor>delete</a>";
        echo "</td>";
        echo "<td width=100
bgcolor=\"$bgcolor\"><center><p
class=\"managesystem\">";
        echo "<a
href=\"view_approvedreservations2.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&timecode=
$timecode&frompage=docschedule\"><font color=
$fontcolor>approved ($c)</a><br><br><a
href=\"view_pendingreservations.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&timecode=
$timecode&frompage=docschedule\"><font color=
$fontcolor>pending ($c1)";
        echo "</td>";
        echo "</tr>";
    }
 echo "</table>";
 echo "<br>";

 echo "<center><p class=\"linkstext\"><a
href=\"add_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode\"><font color=\"#000000\">add
schedule</a>";
 $maxPage = ceil($num2/$rowsPerPage);

 if($maxPage!=1 && $num2!=0)
 {
        print "<p class=\"commontext\"
align=\"center\">page $pageNum of $maxPage</p>";

        for($pageNum = 1; $pageNum <= $maxPage;
$pageNum++)
        {
                echo "<a
href='view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&pageNum=$pageNum'><font
color=\"#000000\">$pageNum</a> ";
        }
                $pageNum = $pageNum-1;
 }
 echo "<center><p class=\"linkstext\"><a
href=\"managedoctors.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back to list of
doctors</a>";
 }
 else
 {
 echo "<center><p class=\"commontext\">Dr.
$docfname2 $doclname2
[$doccode]<br>$docspecl<br>$hospname
[$hospcode]<br><br>";
 echo "<center><p class=\"commontext\">Dr.
$docfname2 $doclname2 has no schedule yet.<br><br><a
href=\"add_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode\"><font
color=\"#000000\">[add]</a>";
 echo "<center><p class=\"linkstext\"><a
href=\"managedoctors.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de\"><font color=\"#000000\">back to list of
doctors</a>";
 }
 echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>
```

view_healthcardslist.php

```php
<?
/*
view_healthcardslist.php
```

```php
displays the list of healthcard on user's side
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\"><font
color='#CCCCCC'>List of Healthcards</td></tr>";
echo "<tr><td>";

$bgcolor='#990000';
$fontcolor='#CCCCCC';
$HCquery = "select * from healthcard where hccode != ''";
$result = mysql_query($HCquery, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
 echo "<center><p class=\"commontext2\"><font color
= \"#000000\">OHCMARS has $numrows health cards in
the database.</p>";
 echo "<table border=0 align=center>";
 while($row = mysql_fetch_array($result))
 {
          if($bgcolor == '#990000')
          {
                   $bgcolor='#CCCCCC';
          }
          else
          {
                   $bgcolor='#990000';
          }

          if($fontcolor == '#CCCCCC')
          {
                   $fontcolor='#993333';
          }
          else
          {
                   $fontcolor='#CCCCCC';
          }

          echo "<tr>";
          echo "<td width = \"150\" bgcolor =
$bgcolor><center><p class=\"commontext\"><a
href=\"view_hospitallist.php?
usercode=$usercode&hccode={$row['hccode']}\"><font
color= $fontcolor>{$row['hcname']}</font></a></td>";
          echo "<td width = \"250\" bgcolor =
$bgcolor><p class=\"linkstext\" align=\"center\"><a
href=\"view_benefits.php?
usercode=$usercode&hccode={$row['hccode']}\"><font
color=
$fontcolor>services</font></a>   &nbs
p; <a href=\"{$row['hcwebsite']}?
usercode=$usercode&hccode={$row['hccode']}\"><font
color= $fontcolor>application/policies</font></a></td>";
          echo "</tr>";
          }
          echo "</table>";
}
echo "</td></tr></table>";
 include("../specialproject/_include/bottom_design.php");
?>
```

view_hospitallist.php

```php
<?
/*
view_hospitallist.php

displays the list of affiliated hospitals on the user's side
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$hccode = $_GET['hccode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\"><font
color='#CCCCCC'>List of Hospitals</td></tr>";
echo "<tr><td>";

$rowsPerPage = 5;

$pageNum = 1;
if(isset($_GET['pageNum']))
{
          $pageNum = $_GET['pageNum'];
   }
$offset = ($pageNum - 1) * $rowsPerPage;

$uqry = "select usercode from user where username =
'$username'";
$uresult = mysql_query($uqry, $dbaseconnect);
$unumrows = mysql_num_rows($uresult);
if($unumrows != 0)
{
 $urow = mysql_fetch_array($uresult);
 $usercode = $urow[usercode];
}

$hcquery = "select * from healthcard where hccode =
'$hccode'";
$res = mysql_query($hcquery, $dbaseconnect);
$rows = mysql_num_rows($res);
if($rows != 0)
{
 $row = mysql_fetch_array($res);
 $hc = $row[hcname];

}

$bgcolor='#990000';
$fontcolor='#CCCCCC';
$hospquery = "select * from hospital_clinic where hccode =
'$hccode'";
$result = mysql_query($hospquery, $dbaseconnect);
$numrows = mysql_num_rows($result);

$hospquery2 = "select * from hospital_clinic where hccode
= '$hccode' " . " limit $offset, $rowsPerPage";
$result2 = mysql_query($hospquery2, $dbaseconnect);

if($numrows != 0)
{
 echo "<center><p class=\"commontext2\"><font color
= \"#000000\">OHCMARS has $numrows hospitals and
clinics under $hc.</p>";
 echo "<table border=0 align=center>";
 while($row = mysql_fetch_array($result2))
 {

          if($bgcolor == '#990000')
          {
                   $bgcolor='#CCCCCC';
          }
          else
          {
                   $bgcolor='#990000';
          }

          if($fontcolor == '#CCCCCC')
          {
                   $fontcolor='#993333';
          }
          else
          {
                   $fontcolor='#CCCCCC';
          }
          echo "<tr>";
          echo "<td width = \"150\" bgcolor =
$bgcolor><center><p class=\"commontext\"><a
href=\"check_docspecl_day.php?
```

```php
usercode=$usercode&hccode={$row['hccode']}&hospcode
={$row['hospcode']}\"><font color=
$fontcolor>{$row['hospname']}</font></a>";
                echo "</td>";
                echo "<td width = \"250\" bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"commontext\">{$row['hosploc']}</td>";
                echo "</tr>";


        }
        echo "</table>";
        $maxPage = ceil($numrows/$rowsPerPage);
        if($maxPage!=1 && $numrows!=0)
        {
                print "<p class=\"commontext\"
align=\"center\">page $pageNum of $maxPage</p>";

                for($pageNum = 1; $pageNum <= $maxPage;
$pageNum++)
                {
                        $usercode = $_GET['usercode'];
                        echo "<a
href=\"view_hospitallist.php?
usercode=$usercode&hccode=$hccode&pageNum=$pageN
um\"><font color=\"#000000\">$pageNum</font></a>
";
                }
                $pageNum = $pageNum-1;
        }
}

    echo "<br>";
    echo "<br>";
    echo "<center><a href=\"view_healthcardslist.php?
usercode=$usercode\"><p class=\"linkstext\"><font
color= \"#000000\">back</font></p></a>";
    echo "</td></tr></table>";
    include("../specialproject/_include/bottom_design.php");
?>
```

view_inactiveusers.php

```php
<?
/*
view_inactiveusers.php

displays the list of inactive users
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Inactive
Users</td></tr>";
echo "<tr><td>";

$rowsPerPage = 5;

$pageNum = 1;
if(isset($_GET['pageNum']))
{
        $pageNum = $_GET['pageNum'];
    }
$offset = ($pageNum - 1) * $rowsPerPage;

$qry = "select * from user where userstatus = 'inactive'";
$res = mysql_query($qry, $dbaseconnect);
$num = mysql_num_rows($res);

$qry1 = "select * from user where userstatus = 'inactive'
"." limit $offset, $rowsPerPage";
$res1 = mysql_query($qry1, $dbaseconnect);
$num1 = mysql_num_rows($res1);

$bgcolor='#990000';
$fontcolor='#CCCCCC';

if($num != 0)
{
  echo "<center><p class=\"commontext\">System found
$num inactive user(s).<br><br>";
  echo "<table border=0><tr bgcolor=\"#990000\"><td
width=125><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Usercode</td><td
width=120><font color=\"#CCCCCC\"><center><font
color=\"#CCCCCC\"><p
class=\"managesystem\">Username</td><td
width=250><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Name</td><td
width=120><center><font color=\"#CCCCCC\"><p
class=\"managesystem\">Mobile phone number</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Email address</td></tr>";
  while($row1 = mysql_fetch_array($res1))
  {
        if($bgcolor == '#990000')
        {
                $bgcolor='#CCCCCC';
        }
        else
        {
                $bgcolor='#990000';
        }

        if($fontcolor == '#CCCCCC')
        {
                $fontcolor='#993333';
        }
        else
        {
                $fontcolor='#CCCCCC';
        }

        $uname = $row1[username];
        $emailaddress = $row1[emailaddress];
        $firstname = $row1[firstname];
        $middlename = $row1[middlename];
        $lastname = $row1[lastname];
        $ucode = $row1[usercode];
        $cellnumber = $row1[cellnumber];

        $firstname = ucfirst($firstname);
        $middlename = ucfirst($middlename);
        $lastname = ucfirst($lastname);

                echo "<tr>";
                echo "<td width = 125 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$ucode";
                echo "</td>";
                echo "<td width = 120 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$uname";
                echo "</td>";
                echo "<td width = 250 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$firstname $middlename
$lastname";
                echo "</td>";
                echo "<td width = 120 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$cellnumber";
                echo "</td>";
                echo "<td width = 125 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$emailaddress";
                echo "</td>";
                echo "</tr>";
        }
        echo "</table>";
        $maxPage = ceil($num/$rowsPerPage);
        if($maxPage!=1 && $num!=0)
        {
```

```php
                        print "<p class=\"commontext\"
align=\"center\">page $pageNum of $maxPage</p>";

                        for($pageNum = 1; $pageNum <=
$maxPage; $pageNum++)
                        {
                                $usercode =
$_GET['usercode'];
                                echo "<a
href='view_inactiveusers.php?
usercode=$usercode&pageNum=$pageNum'><font
color=\"#000000\">$pageNum</a> ";
                        }
                        $pageNum = $pageNum-1;
                }

        }
        else
        {
                echo "<center><p class=\"commontext\">0
active user(s).<br><br>";

        }
echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

view_pendingreservations.php

```php
<?
/*
view_pendingreservations.php

displays the list of pending reservations
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

$usercode = $_GET['usercode'];
$frompage = $_GET['frompage'];

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Pending
Reservations</td></tr>";
echo "<tr><td>";

$rowsPerPage = 5;

$pageNum = 1;
if(isset($_GET['pageNum']))
{
        $pageNum = $_GET['pageNum'];
}
$offset = ($pageNum - 1) * $rowsPerPage;

if($frompage == 'main')
{
 $from = "main";
 $qry = "select * from reservation where status =
'pending'";
 $res = mysql_query($qry, $dbaseconnect);
 $num = mysql_num_rows($res);

 $qry1 = "select * from reservation where status =
'pending' order by hccode, hospcode, doccode,
desiredmonth, desireddate, desiredyear, schedcode " . "
limit $offset, $rowsPerPage";
 $res1 = mysql_query($qry1, $dbaseconnect);
 $num1 = mysql_num_rows($res1);
}
elseif($frompage == 'docschedule')
{
 $from = "docschedule";
 $hccode = $_GET['hccode'];
 $hospcode = $_GET['hospcode'];
 $doccode = $_GET['doccode'];
 $schedcode = $_GET['schedcode'];
 $timecode = $_GET['timecode'];
```

```php
 $qry = "select * from reservation where hospcode =
'$hospcode' and doccode = '$doccode' and status =
'pending' and schedcode = '$schedcode'";
 $res = mysql_query($qry, $dbaseconnect);
 echo mysql_error();
 $num = mysql_num_rows($res);

 $qry1 = "select * from reservation where hospcode =
'$hospcode' and doccode = '$doccode' and status =
'pending' and schedcode = '$schedcode " . " LIMIT $offset,
$rowsPerPage";
 $res1 = mysql_query($qry1, $dbaseconnect);
}
elseif($frompage == 'formpending')
{
 $from = "formpending";
 $hccode = $_GET['hccode'];
 $doccode = $_GET['doccode'];
 $hospcode = $_GET['hospcode'];
 $usercode = $_GET['usercode'];
 $orderdate = $_GET['orderdate'];
 $a = 0;

 list($mon, $date, $year) = split('[/.-]', $orderdate);

 include("../specialproject/_include/convertmon.php");
 $month = date("F", mktime(0, 0, 0, $mon, $date,
$year));

 $qry = "select * from reservation where desireddate =
'$date' and desiredmonth = '$month' and desiredyear =
'$year' and hccode = '$hccode' and status = 'pending' and
doccode = '$doccode' and hospcode = '$hospcode'";
 $res = mysql_query($qry, $dbaseconnect);
 $num = mysql_num_rows($res);

 $qry1 = "select * from reservation where desireddate =
'$date' and desiredmonth = '$month' and desiredyear =
'$year' and hccode = '$hccode' and status = 'pending' and
doccode = '$doccode' and hospcode = '$hospcode' " . "
LIMIT $offset, $rowsPerPage";
 $res1 = mysql_query($qry1, $dbaseconnect);
}


$bgcolor='#990000';
$fontcolor='#CCCCCC';
if($num != 0)
{
 echo "<center><p class=\"commontext\">System found
$num pending reservation(s).<br><br>";
 echo "<table border=0><tr bgcolor=\"#990000\"><td
width=150><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Health card</td><td
width=200><font color=\"#CCCCCC\"><center><font
color=\"#CCCCCC\"><p
class=\"managesystem\">Hospital's name</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Doctor's name</td><td
width=200><center><font color=\"#CCCCCC\"><p
class=\"managesystem\">Reservation code</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">User's full name</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">Schedule of
appointment</td><td width=100><font
color=\"#CCCCCC\"><center><p
class=\"managesystem\">Time of appointment</td><td
width=100><font color=\"#CCCCCC\"><center><p
class=\"managesystem\">When reservation was
made</td><td width=100><font
color=\"#CCCCCC\"><center><p
class=\"managesystem\">Status</td></tr>";
 while($row1 = mysql_fetch_array($res1))
 {
        if($bgcolor == '#990000')
        {
                $bgcolor='#CCCCCC';
        }
        else
        {
```

```php
                $bgcolor='#990000';
        }

        if($fontcolor == '#CCCCCC')
        {
                $fontcolor='#990000';
        }
        else
        {
                $fontcolor='#CCCCCC';
        }


        $reservecode = $row1[reservecode];
        $datemade = $row1[datemade];
        $monthmade = $row1[monthmade];
        $yearmade = $row1[yearmade];
        $restime = $row1[restime];
        $ucode = $row1[usercode];
        $schedcode = $row1[schedcode];
        $hccode = $row1[hccode];
        $doccode = $row1[doccode];
        $hospcode = $row1[hospcode];
        $desireddate = $row1[desireddate];
        $desiredmonth = $row1[desiredmonth];
        $desiredyear = $row1[desiredyear];
        $hcidnum = $row1[hcidnum];

        $qry2 = "select u.*, s.* from schedule as s, user
as u where s.schedcode = '$schedcode' and u.usercode =
'$ucode'";
        $res2 = mysql_query($qry2, $dbaseconnect);
        $num2 = mysql_num_rows($res2);
        if($num2 != 0)
        {
                $fetchname =
mysql_fetch_array($res2);
                $firstname = $fetchname[firstname];
                $middlename =
$fetchname[middlename];
                $lastname = $fetchname[lastname];
                $timecode = $fetchname[timecode];
        }

        $firstname = ucfirst($firstname);
        $middlename = ucfirst($middlename);
        $lastname = ucfirst($lastname);

        $qry3 = "select h.*, d.*, hc.*, t.* from time as t,
hospital_clinic as h, doctor as d, healthcard as hc where
hc.hccode = '$hccode' and h.hospcode = '$hospcode' and
h.hccode = '$hccode' and d.doccode = '$doccode' and
d.hospcode = '$hospcode' and t.timecode = '$timecode'";
        $res3 = mysql_query($qry3, $dbaseconnect);
        $num3 = mysql_num_rows($res3);
        if($num3 != 0)
        {
                $row3 = mysql_fetch_array($res3);
                $hospname = $row3[hospname];
                $docfname = $row3[docfname];
                $doclname = $row3[doclname];
                $docmname = $row3[docmname];
                $timename = $row3[timename];
        }

        $docfname = ucfirst($docfname);
        $docmname = ucfirst($docmname);
        $doclname = ucfirst($doclname);

        $uname = "$firstname"." "."$middlename"."
"."$lastname";
        $docname = "$docfname"." "."$doclname";


                echo "<tr>";
                echo "<td width = 100 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "{$row3['hcname']}";
                echo "</td>";
```

```php
                echo "<td width = 200 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$hospname";
                echo "</td>";
                echo "<td width = 200 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$docname";
                echo "</td>";
                echo "<td width = 75 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$reservecode";
                echo "</td>";
                echo "<td width = 200 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$uname";
                echo "</td>";
                echo "<td width = 125 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$desiredmonth $desireddate,
$desiredyear";
                echo "</td>";
                echo "<td width = 200 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$timename";
                echo "</td>";
                echo "<td width = 125 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "$monthmade $datemade,
$yearmade<br><br>$restime";
                echo "</td>";
                echo "<td width = 75 bgcolor =
$bgcolor><font color= $fontcolor><center><p
class=\"managesystem\">";
                echo "<a href
= \"approve_reservations.php?
usercode=$usercode&ucode=$ucode&hccode=$hccode&hos
pcode=$hospcode&doccode=$doccode&hcidnum=$hcidnum
&schedcode=$schedcode&reservecode=$reservecode&time
code=$timecode&rmonth=$desiredmonth&rdate=$desiredd
ate&ryear=$desiredyear&frompage=$from\"><font color=
$fontcolor>approve</a>";
                echo "</td>";
                echo "</tr>";
        }
        echo "</table>";
        $maxPage = ceil($num/$rowsPerPage);
        if($maxPage!=1 && $num!=0)
        {
                print "<p class=\"commontext\"
align=\"center\">page $pageNum of $maxPage</p>";

                for($pageNum = 1; $pageNum <=
$maxPage; $pageNum++)
                {
                        $usercode =
$_GET['usercode'];
                        echo "<a
href='view_pendingreservations.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode&schedcode=$schedcode&orderdate
=$orderdate&month=$month&date=$date&year=$year&fro
mpage=$frompage&pageNum=$pageNum&frompage=$fro
mpage'><font color=\"#000000\">$pageNum</a> ";
                }
                $pageNum = $pageNum-1;
        }
        if($frompage == 'docschedule')
        {
                echo "<a
href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode\"><p class=\"linkstext\"><font
color=\"#000000\">back</a> ";
        }
        elseif($frompage == 'formpending')
```

```php
                {
                        echo "<a
href=\"manage_pendingreservations.php?
usercode=$usercode\"><p class=\"linkstext\"><font
color=\"#000000\">back</a> ";
                }
                elseif($frompage == 'main')
                {
                        echo "<a href=\"main_sysad.php?
usercode=$usercode\"><p class=\"linkstext\"><font
color=\"#000000\">back</a> ";
                }
  }
  else
  {
                echo "<center><p
class=\"commontext\">System found 0 pending
reservation(s).<br><br>";
                if($frompage == 'docschedule')
                {
                        echo "<a
href=\"view_docschedadmin.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&doccode=$doccode\"><p class=\"linkstext\"><font
color=\"#000000\">back</a> ";
                }
                elseif($frompage == 'formpending')
                {
                        echo "<a
href=\"manage_pendingreservations.php?
usercode=$usercode\"><p class=\"linkstext\"><font
color=\"#000000\">back</a> ";
                }
                elseif($frompage == 'main')
                {
                        echo "<a href=\"main_sysad.php?
usercode=$usercode\"><p class=\"linkstext\"><font
color=\"#000000\">back</a> ";
                }
  }

  echo "</td></tr></table>";

include("../specialproject/_include/bottom_design.php");
?>
```

view_schedule.php

```php
<?
/*
view_schedule.php

displays the doctor's schedule on the user's side
*/

include("../specialproject/_include/top_design.php");
include("../specialproject/_include/dbaseconnect.php");

echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\" align=\"center\">Schedule</td></tr>";
echo "<tr><td>";

$usercode = $_GET['usercode'];
$frompage = $_GET['frompage'];

if($frompage == 'search')
{
 $searchitem1 = $_GET['hccode'];
 $searchitem2 = $_GET['hospcode'];
 $searchitem3 = $_GET['docspecl'];
 $searchitem4 = $_GET['day'];
 $searchitem5 = $_GET['timecode'];
}
elseif($frompage == 'doctorslist')
{
 $orderdate = $_GET['orderdate'];
 $docspecl = $_GET['docspecl'];
 $day2 = $_GET['day'];
 $hospcode = $_GET['hospcode'];
```

```php
 $doccode = $_GET['doccode'];
 $hccode = $_GET['hccode'];
}

$docquery = "select d.*, h.*, hc.* from healthcard as hc,
doctor as d, hospital_clinic as h where d.doccode =
'$doccode' and h.hospcode = '$hospcode' and hc.hccode =
'$hccode'";
$result = mysql_query($docquery, $dbaseconnect);
$numrows = mysql_num_rows($result);
if($numrows!=0)
{
 $fetchresult = mysql_fetch_array($result);
 $docfname = $fetchresult[docfname];
 $docmname = $fetchresult[docmname];
 $doclname = $fetchresult[doclname];
 $specl = $fetchresult[docspecl];
 $hospname = $fetchresult[hospname];
 $hcname = $fetchresult[hcname];
}

$docfname = ucfirst($docfname);
$docmname = ucfirst($docmname);
$doclname = ucfirst($doclname);

$docname = "$docfname"." "."$doclname";

echo "<center><p class=\"commontext\"><font
color=\"#000000\">Dr. $docfname $doclname";
echo "<br>";
echo "$specl";
echo "<br>";
echo "$hospname";
echo "<br>";
echo "$hcname";
echo "<br>";
echo "<br>";
echo "<p class=\"commontext\">Schedule:";
echo "<br>";

$day_array = array('Saturday', 'Friday', 'Thursday',
'Wednesday', 'Tuesday', 'Monday');

for($i = 1;$i <= 6;$i++)
{
 $day = array_pop($day_array);
 echo "<br>";
 echo "$day";

 $schedquery = "select * from schedule where doccode =
'$doccode' and hospcode = '$hospcode' and day = '$day'";
 $result3 = mysql_query($schedquery, $dbaseconnect);
 $numrows3 = mysql_num_rows($result3);
 if($numrows3!=0)
 {
        $time_array = array();
        while($fetchresult3 =
mysql_fetch_array($result3))
        {
                $timecode = $fetchresult3[timecode];
                array_push($time_array,
"$timecode");
        }
        rsort($time_array);
        $count = count($time_array);

        for($k = 1;$k <= $count;$k++)
        {
                $timecode = array_pop($time_array);

                $schedquery2 = "select timename
from time where timecode = '$timecode'";
                $result4 =
mysql_query($schedquery2, $dbaseconnect);
                $numrows4 =
mysql_num_rows($result4);
                if($numrows4!=0)
                {
                        $fetchresult4 =
mysql_fetch_array($result4);
                        $timename =
$fetchresult4[timename];
```

```
                              echo "<br>";
                              echo "$timename";
                       }
                }
                echo "<br>";
         }
     else
     {
                echo "<br>";
                echo "--not available--";
                echo "<br>";
     }
}

     if($frompage == 'doctorslist')
     {
       echo "<p class=\"linkstext\"><br><a
href=\"doctors_list.php?
usercode=$usercode&hccode=$hccode&hospcode=$hospco
de&docspecl=$docspecl&orderdate=$orderdate&day=$day2
\"><font color=\"#000000\">back</a>";
     }
     elseif($frompage == 'search')
     {
       echo "<p class=\"linkstext\"><br><a
href=\"search2.php?
usercode=$usercode&hccode=$searchitem1&hospcode=$se
architem2&timecode=$searchitem5&day=$searchitem4&do
cspecl=$searchitem3\"><font
color=\"#000000\">back</a>";
     }

     echo "</td></tr></table>";
     include("../specialproject/_include/bottom_design.php");
?>
```

view_statres.php

```
<?
/*
view_statres.php

form that asks for the reservation the user wants to view
*/

     include("../specialproject/_include/top_design.php");
     include("../specialproject/_include/dbaseconnect.php");

     echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
     echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\"
align=\"center\">Reservation</td></tr>";
     echo "<tr><td>";
?>
<html>
<script language="Javascript"
src="../specialproject/_include/javascript_fxns.js">
</script>
<body>
<form name="viewstat" method="get" action=""
id="viewstat">
<?
     echo "<center><p class=\"commontext\"><font color
= \"#000000\">Reservation
code   <input type=\"text\"
name=\"reservecode\"><br><br>";
     echo "<p>";
     echo "<input type=\"hidden\" name=\"usercode\"
value=\"$usercode\">     ";
     echo "<input type=\"submit\" name=\"submit\"
value=\"view status\" onClick = \"return
viewstatreservation();\">    &nbsp
; ";
     echo "</p>";
?>
</form>
```

```
</body>
</html>
<?
     echo "</td></tr></table>";
     include("../specialproject/_include/bottom_design.php");
?>
```

view_statres2.php

```
<?
/*
view_statres2.php

processes the inputs in view_statres.php
*/

     include("../specialproject/_include/top_design.php");
     include("../specialproject/_include/dbaseconnect.php");

     $reservecode = $_GET['reservecode'];
     $usercode = $_GET['usercode'];

     $unameqry = "select * from user where usercode =
'$usercode'";
     $result = mysql_query($unameqry, $dbaseconnect);
     $numrows = mysql_num_rows($result);
     if($numrows != 0)
     {
       $fetchcode = mysql_fetch_array($result);
       $username = $fetchcode[username];
       $firstname = $fetchcode[firstname];
       $middlename = $fetchcode[middlename];
       $lastname = $fetchcode[lastname];
       $emailaddress = $fetchcode[emailaddress];
       $cellnumber = $fetchcode[cellnumber];
     }
     echo "<table width=\"560\" height=\"550\"
cellpadding=\"0\" cellspacing=\"0\">";
     echo "<tr><td height=\"57\" bgcolor=\"#990000\"><p
class=\"titletext\"
align=\"center\">Reservation</td></tr>";
     echo "<tr><td>";

     $viewstatqry = "select * from reservation where
reservecode = '$reservecode'";
     $result2 = mysql_query($viewstatqry, $dbaseconnect);
     $numrows2 = mysql_num_rows($result2);
     if($numrows2 == 0)
     {
       echo "<center><p class=\"commontext\">You have
entered a wrong reservation code.";
     }
     else
     {
       $fetchstat = mysql_fetch_array($result2);
       $desireddate = $fetchstat[desireddate];
       $desiredmonth = $fetchstat[desiredmonth];
       $desiredyear = $fetchstat[desiredyear];
       $schedcode = $fetchstat[schedcode];
       $status = $fetchstat[status];
       $hccode = $fetchstat[hccode];
       $code = $fetchstat[usercode];

       if($code == $usercode)
       {
                $schedcodeqry = "select * from schedule where
schedcode = '$schedcode'";
                $result3 = mysql_query($schedcodeqry,
$dbaseconnect);
                $numrows3 = mysql_num_rows($result3);
                if($numrows3 != 0)
                {
                       $fetchsched =
mysql_fetch_array($result3);
                       $doccode = $fetchsched[doccode];
                       $hospcode = $fetchsched[hospcode];
                       $timecode = $fetchsched[timecode];
                }
```

```
        $nameqry = "select d.*, h.*, t.*, hc.* from
doctor as d, hospital_clinic as h, time as t, healthcard as hc
where hc.hccode = '$hccode' and d.doccode = '$doccode'
and d.hospcode = '$hospcode' and h.hospcode =
'$hospcode' and h.hccode = '$hccode' and t.timecode =
'$timecode'";
        $result4 = mysql_query($nameqry,
$dbaseconnect);
        $numrows4 = mysql_num_rows($result4);
        if($numrows4 != 0)
        {
            $fetchname =
mysql_fetch_array($result4);
            $docfname = $fetchname[docfname];
            $docmname =
$fetchname[docmname];
            $doclname = $fetchname[doclname];
            $hospname =
$fetchname[hospname];
            $timename = $fetchname[timename];
            $hcname = $fetchname[hcname];


        }

        $firstname = ucfirst($firstname);
        $middlename = ucfirst($middlename);
        $lastname = ucfirst($lastname);
        $docfname = ucfirst($docfname);
        $docmname = ucfirst($docmname);
        $doclname = ucfirst($doclname);

        $bgcolor='#990000';
        $fontcolor='#CCCCCC';
        echo "<table align=\"center\" cellpadding =
10><p class=\"commontext\">";
        echo "<tr><td bgcolor=\"#CCCCCC\"><font
color = \"#990000\">Name</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">$firstname $middlename
$lastname</td>";
        echo "<tr><td bgcolor=\"#CCCCCC\"><font
color = \"#990000\">Username</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">$username</td>";
        echo "<tr><td bgcolor=\"#CCCCCC\"><font
color = \"#990000\">Email Address</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">$emailaddress</td>";
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Mobile phone number</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">+63$cellnumber</td>";
        echo "<tr><td bgcolor=\"#CCCCCC\"><font
color = \"#990000\">Doctor</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$docfname $docmname $doclname</td>";
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Hospital</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">$hospname</td>";
        echo "<tr><td bgcolor=\"#CCCCCC\"><font
color = \"#990000\">Date of Consultation</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$desiredmonth $desireddate,
$desiredyear</td>";
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Time</td><td bgcolor
= \"#990000\"><font color
= \"#CCCCCC\">$timename</font></td>";
        echo "<tr><td bgcolor=\"#CCCCCC\"><font
color = \"#990000\">Health Card</td><td
bgcolor=\"#CCCCCC\"><font color
= \"#990000\">$hcname</td>";
        echo "<tr><td bgcolor=\"#990000\"><font
color = \"#CCCCCC\">Status</td><td
bgcolor=\"#990000\"><font color
= \"#CCCCCC\">$status</td><b>";
        echo "</table>";
    }
    else
    {
```

```
        echo "<center><p class=\"commontext\">You
have entered a wrong reservation code.";
    }
}

echo "</td></tr></table>";
include("../specialproject/_include/bottom_design.php");
?>
```

Subfolder: specialproject/_include

**Note: top_design.php and bottom_design.php
came first since this two php files constitute the
system's overall design**

top_design.php

```
<? include("../specialproject/_include/session.php"); ?>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01
Transitional//EN">
<html>
<head>
<title>OHCMARS - Your Online Health Card Manual</title>
<meta http-equiv="Content-Type" content="text/html;
charset=iso-8859-1">
<link href="../specialproject/_include/ohcmars_css.css"
rel="stylesheet" type="text/css">
</head>
<body>
<a name="top"></a><? //header.php ?>
<table width="800" height="800" border="0"
align="center" cellpadding="0" cellspacing="0">
  <tr>
    <td height="800">
<table width="100%" height="800" border="0"
cellpadding="0" cellspacing="0">
      <tr>
        <td height="256" bgcolor="#993333"><table
align="center" width="750" height="200" border="0"
align="center" cellpadding="0" cellspacing="0"><tr><td
height='200' width='430'
background="../specialproject/images/text.gif"></td><td
height='200' width='318'
background="../specialproject/images/pix.gif"></td></tr>
</table></td>
        </tr>
  </tr>
      <tr>
        <td height="549"><table width="800"
height="547" border="0" cellspacing="0"
cellpadding="10">
        <tr>
          <td width="30%" height="566"
bgcolor="#990000">
                <?

include("../specialproject/_include/dbaseconnect.php");

                if(isset($_SESSION["usercode"]))
                {
                    $qry = "select * from user
where usercode = '$usercode'";
                    $res = mysql_query($qry,
$dbaseconnect);
                    $num =
mysql_num_rows($res);
                    if($num != 0)
                    {
                        $nrows =
mysql_fetch_array($res);
                        $username =
$nrows[username];

                        echo "<table>";
                        echo
"<center><p class=\"commontext2\">Username:
$username<br>";
                        echo "Usercode:
$usercode</p>";
                        echo "<br>";
```

```php
                              echo
"<center><a href=\"main_user.php?
usercode=$usercode\"><p class=\"linkstext\"><font
color='#CCCCCC'>main</p></a>";
                              echo "<a
href=\"view_healthcardslist.php?usercode=$usercode\"><p
class=\"linkstext\"><font color='#CCCCCC'>view list of
healthcards</p></a>";
                              echo "<a
href=\"view_statres.php?usercode=$usercode\"><p
class=\"linkstext\"><font color='#CCCCCC'>view status of
reservation</p></a>";
                              echo "<a
href=\"cancel_reservation.php?usercode=$usercode\"><p
class=\"linkstext\"><font color='#CCCCCC'>cancel
reservation</p></a>";
                              echo "<a
href=\"search.php?usercode=$usercode\"><p
class=\"linkstext\"><font color='#CCCCCC'>search for a
doctor</p></a>";
                              echo "<a
href=\"editprofile.php?usercode=$usercode\"><p
class=\"linkstext\"><font color='#CCCCCC'>edit
profile</p></a>";

                              echo "<br>";
                              echo "<a
href=\"logout.php?usercode=$usercode\"><p
class=\"linkstext\"><font
color='#CCCCCC'>logout</p></a><br>";
                              echo
"</table>";
                          }
                          else
                          {
                              $query = "select
* from system_ad where usercode = '$usercode'";
                              $result =
mysql_query($query, $dbaseconnect);
                              $numrows =
mysql_num_rows($result);
                              if($numrows !=
0)
                              {
$fetchrow = mysql_fetch_array($result);

$username = $fetchrow['username'];

                              echo
"<table>";
                              echo
"<center><p class=\"commontext2\">Username:
$username";
                              echo
"<br>";
                              echo
"Usercode: $usercode<br><br>";
                              echo
"<center><a href=\"main_sysad.php?
usercode=$usercode\"><p class=\"linkstext\"><font
color='#CCCCCC'>main</p></a>";
                              echo
"<a href=\"managehealthcards.php?
usercode=$usercode\"><p class=\"linkstext\"><font
color='#CCCCCC'>manage system</p></a>";
                              echo
"<a href=\"manage_pendingreservations.php?
usercode=$usercode\"><p class=\"linkstext\"><font
color='#CCCCCC'>manage pending
reservations</p></a>";
                              echo
"<a href=\"view_approvedreservations.php?
usercode=$usercode\"><p class=\"linkstext\"><font
color='#CCCCCC'>view approved reservations</p></a>";
                              echo
"<a href=\"editprofile.php?usercode=$usercode\"><p
class=\"linkstext\"><font color='#CCCCCC'>update
profile</p></a>";
                              echo
"<br>";
```
```php
                                    echo
"<a href=\"logout.php\"><p class=\"linkstext\"><font
color='#CCCCCC'>logout</p></a><br>";
                                    echo
"</table>";
                              }
                          }
                      }
                      else
                      {
                              echo "<table height
=\"300\">";
                              echo "<center><p
class=\"commontext2\"><font
color='#CCCCCC'>Username: guest";
                              echo "<p>";
                              echo "<form
name=\"login\" method=\"get\" action=\"login2.php\"
id=\"\">";
                              echo "<center><p
class=\"commontext2\"><font
color='#CCCCCC'>Username:   <input
type=\"text\" name=\"username\">";
                              echo "<br><br>";
                              echo "<font
color='#CCCCCC'>Password:   <input
type=\"password\" name=\"password\">";
                              echo "<br>";
                              echo "<center><input
type=\"submit\" name=\"submit\"
value=\"login\">    <input
type=\"reset\" name=\"reset\"
value=\"reset\"></center><br>";
                              echo "<center><br>";

                              echo "<a
href=\"view_healthcardslist.php?usercode=guest\"><p
class=\"linkstext\"><font color='#CCCCCC'>view list of
healthcards</p></a>";
                              echo "<a
href=\"search.php?usercode=guest\"><p
class=\"linkstext\"><font color='#CCCCCC'>search for a
doctor</p></a>";
                              echo "<a
href=\"signup.php?usercode=guest\"><p
class=\"linkstext\"><font color='#CCCCCC'>sign
up</p></a></p></center><br>";
                              echo "</p>";
                              echo "</form>";
                              echo "</p>";
                              echo "</table>";
                      }
            ?>
            <table width="224" height="220" border="0"
cellpadding="0" cellspacing="0"
background="../specialproject/images/Up_centennial_logo3
.gif">
                <tr>
                  <td height="50"> </tr>
                </table></td>
              <td width="70%">


**bottom_design.php**

</td>

        </tr>
      </table></td>
    </tr>
    <tr>
      <td height="80" bgcolor="#993333"><center>
<table width="627" height="66" border="0"
cellpadding="0" cellspacing="0" bordercolor="#993333"
bgcolor="#993333" align="center">
 <tr>
   <td height="46"><div align="center"> <font
color="#CCCCCC" size="1" face="Verdana, Arial, Helvetica,
sans-serif">Online
       Health Cards Manager and Appointment Reservation
System</font><br>
```

```
  <font color="#CCCCCC" size="1" face="Verdana, Arial,
Helvetica, sans-serif">CMSC
     199 - Special Problem :: Richelle E. Argones :: 2003-
39157<br>Copyright &copy 2007. UP
Manila</font><br><font color="#CCCCCC" size="1"
face="Verdana, Arial, Helvetica, sans-
serif"></font></div></td>
  </tr>
</table>

  </td>
      </tr>
    </table></td>
  </tr>
</table>
</body>
</html>
```

ohcmars_css.css

```
.commontext {
font-family: Verdana, Arial, Helvetica, sans-serif;
font-size: 14;
font-style: normal;
line-height: normal;
font-variant: normal;
color: #000000;
text-decoration: none;
}

.commontext2 {
font-family: Verdana, Arial, Helvetica, sans-serif;
font-size: 14;
font-style: normal;
line-height: normal;
font-variant: normal;
color: #CCCCCC;
text-decoration: none;
}

.italictext {
font-family: Verdana, Arial, Helvetica, sans-serif;
font-size: 11;
font-style: italic;
line-height: normal;
font-variant: normal;
color: #000000;
text-decoration: none;
}

.titletext {
font-family: Verdana, Arial, Helvetica, sans-serif;
font-size: 16pt;
font-style: normal;
line-height: normal;
font-variant: normal;
color: #CCCCCC;
}

.linkstext {
font-family: Verdana, Arial, Helvetica, sans-serif;
font-size: 14;
font-style: normal;
font-weight: normal;
color: #CCCCCC;
text-decoration: none;
}
a:hover { text-decoration: none; color: #CCCCCC }

.ordinarylinkstext {
font-family: Verdana, Arial, Helvetica, sans-serif;
font-size: 14;
font-style: normal;
font-weight: normal;
color: #000000;
text-decoration: none;
}
a:hover { text-decoration: none; color: #CCCCCC }

.managesystem {
font-family: Verdana, Arial, Helvetica, sans-serif;
```

```
font-size: 12;
font-style: normal;
line-height: normal;
font-weight: normal;
color: #663300;
}
```

calendarDateInput.js

```
/**********************************************
functions that were used for the calendar,
some of the form-validating functions are also here
**********************************************/

/**********************************************
 Fool-Proof Date Input Script with DHTML Calendar
 by Jason Moon - calendar@moonscript.com
 **********************************************
/

function manage_pending()
{
if (document.manage_pendingres.hccode.value.length ==
0 || document.manage_pendingres.hospcode.value.length
== 0 ||
document.manage_pendingres.doccode.value.length == 0)
{
 alert("All fields are required.");
 return false;
}

document.manage_pendingres.action =
"view_pendingreservations.php";
document.manage_pendingres.submit();
return true;
}


function reload(form)
{
var val1 =
form.hccode.options[form.hccode.options.selectedIndex].va
lue;
var val2 =
form.hospcode.options[form.hospcode.options.selectedInde
x].value;
var val3 = form.usercode.value;
self.location = 'manage_pendingreservations.php?
usercode='+val3+'&hccode='+val1+'&hospcode='+val2;
}

function view_approved()
{
if (document.view_approvedres.hccode.value.length == 0
|| document.view_approvedres.hospcode.value.length == 0
|| document.view_approvedres.doccode.value.length == 0)
{
 alert("All fields are required.");
 return false;
}

document.view_approvedres.action =
"view_approvedreservations2.php";
document.view_approvedres.submit();
return true;
}

function reload2(form)
{
var val =
form.hccode.options[form.hccode.options.selectedIndex].va
lue;
var val2 =
form.hospcode.options[form.hospcode.options.selectedInde
x].value;
var val3 = form.usercode.value;
self.location = 'view_approvedreservations.php?
usercode='+val3+'&hccode='+val+'&hospcode='+val2;
}

// Customizable variables
```

153

```
var DefaultDateFormat = 'MM/DD/YYYY'; // If no date
format is supplied, this will be used instead
var HideWait = 3; // Number of seconds before the
calendar will disappear
var Y2kPivotPoint = 76; // 2-digit years before this point
will be created in the 21st century
var UnselectedMonthText = ''; // Text to display in the 1st
month list item when the date isn't required
var FontSize = 11; // In pixels
var FontFamily = 'Tahoma';
var CellWidth = 18;
var CellHeight = 16;
var ImageURL = '../specialproject/images/calendar.jpg';
var NextURL = '../specialproject/images/next.gif';
var PrevURL = '../specialproject/images/prev.gif';
var CalBGColor = 'white';
var TopRowBGColor = 'buttonface';
var DayBGColor = 'lightgrey';

// Global variables
var ZCounter = 100;
var Today = new Date();
var WeekDays = new Array('S','M','T','W','T','F','S');
var MonthDays = new Array(31, 28, 31, 30, 31, 30, 31, 31,
30, 31, 30, 31);
var MonthNames = new
Array('January','February','March','April','May','June','July','
August','September','October','November','December');

// Write out the stylesheet definition for the calendar
with (document) {
   writeln('<style>');
   writeln('td.calendarDateInput {letter-
spacing:normal;line-height:normal;font-family:' +
FontFamily + ',Sans-Serif;font-size:' + FontSize + 'px;}');
   writeln('select.calendarDateInput {letter-
spacing:.06em;font-family:Verdana,Sans-Serif;font-
size:11px;}');
   writeln('input.calendarDateInput {letter-
spacing:.06em;font-family:Verdana,Sans-Serif;font-
size:11px;}');
   writeln('</style>');
}

// Only allows certain keys to be used in the date field
function YearDigitsOnly(e) {
   var KeyCode = (e.keyCode) ? e.keyCode : e.which;
   return ((KeyCode == 8) // backspace
       || (KeyCode == 9) // tab
       || (KeyCode == 37) // left arrow
       || (KeyCode == 39) // right arrow
       || (KeyCode == 46) // delete
       || ((KeyCode > 47) && (KeyCode < 58)) // 0 - 9
   );
}

// Gets the absolute pixel position of the supplied element
function GetTagPixels(StartTag, Direction) {
   var PixelAmt = (Direction == 'LEFT') ? StartTag.offsetLeft
: StartTag.offsetTop;
   while ((StartTag.tagName != 'BODY') &&
(StartTag.tagName != 'HTML')) {
       StartTag = StartTag.offsetParent;
       PixelAmt += (Direction == 'LEFT') ? StartTag.offsetLeft
: StartTag.offsetTop;
   }
   return PixelAmt;
}

// Is the specified select-list behind the calendar?
function BehindCal(SelectList, CalLeftX, CalRightX, CalTopY,
CalBottomY, ListTopY) {
   var ListLeftX = GetTagPixels(SelectList, 'LEFT');
   var ListRightX = ListLeftX + SelectList.offsetWidth;
   var ListBottomY = ListTopY + SelectList.offsetHeight;
   return (((ListTopY < CalBottomY) && (ListBottomY >
CalTopY)) && ((ListLeftX < CalRightX) && (ListRightX >
CalLeftX)));
}

// For IE, hides any select-lists that are behind the calendar
function FixSelectLists(Over) {
```

```
   if (navigator.appName == 'Microsoft Internet Explorer') {
       var CalDiv = this.getCalendar();
       var CalLeftX = CalDiv.offsetLeft;
       var CalRightX = CalLeftX + CalDiv.offsetWidth;
       var CalTopY = CalDiv.offsetTop;
       var CalBottomY = CalTopY + (CellHeight * 9);
       var FoundCalInput = false;
       formLoop :
       for (var
j=this.formNumber;j<document.forms.length;j++) {
           for (var i=0;i<document.forms[j].elements.length;i+
+) {
               if (typeof document.forms[j].elements[i].type ==
'string') {
                   if ((document.forms[j].elements[i].type ==
'hidden') && (document.forms[j].elements[i].name ==
this.hiddenFieldName)) {
                       FoundCalInput = true;
                       i += 3; // 3 elements between the 1st hidden
field and the last year input field
                   }
                   if (FoundCalInput) {
                       if
(document.forms[j].elements[i].type.substr(0,6) ==
'select') {
                           ListTopY =
GetTagPixels(document.forms[j].elements[i], 'TOP');
                           if (ListTopY < CalBottomY) {
                               if
(BehindCal(document.forms[j].elements[i], CalLeftX,
CalRightX, CalTopY, CalBottomY, ListTopY)) {
                                   document.forms[j].elements[i].style.visi
bility = (Over) ? 'hidden' : 'visible';
                               }
                           }
                           else break formLoop;
                       }
                   }
               }
           }
       }
   }
}

// Displays a message in the status bar when hovering over
the calendar days
function DayCellHover(Cell, Over, Color, HoveredDay) {
   Cell.style.backgroundColor = (Over) ? DayBGColor :
Color;
   if (Over) {
       if ((this.yearValue == Today.getFullYear()) &&
(this.monthIndex == Today.getMonth()) && (HoveredDay
== Today.getDate())) self.status = 'Click to select today';
       else {
           var Suffix = HoveredDay.toString();
           switch (Suffix.substr(Suffix.length - 1, 1)) {
               case '1' : Suffix += (HoveredDay == 11) ? 'th' :
'st'; break;
               case '2' : Suffix += (HoveredDay == 12) ? 'th' :
'nd'; break;
               case '3' : Suffix += (HoveredDay == 13) ? 'th' :
'rd'; break;
               default : Suffix += 'th'; break;
           }
           self.status = 'Click to select ' + this.monthName + ' '
+ Suffix;
       }
   }
   else self.status = '';
   return true;
}

// Sets the form elements after a day has been picked from
the calendar
function PickDisplayDay(ClickedDay) {
   this.show();
   var MonthList = this.getMonthList();
   var DayList = this.getDayList();
   var YearField = this.getYearField();
   FixDayList(DayList,
GetDayCount(this.displayed.yearValue,
this.displayed.monthIndex));
```

```
// Select the month and day in the lists
for (var i=0;i<MonthList.length;i++) {
  if (MonthList.options[i].value ==
this.displayed.monthIndex) MonthList.options[i].selected =
true;
  }
  for (var j=1;j<=DayList.length;j++) {
    if (j == ClickedDay) DayList.options[j-1].selected =
true;
  }
  this.setPicked(this.displayed.yearValue,
this.displayed.monthIndex, ClickedDay);
  // Change the year, if necessary
  YearField.value = this.picked.yearPad;
  YearField.defaultValue = YearField.value;
}

// Builds the HTML for the calendar days
function BuildCalendarDays() {
  var Rows = 5;
  if (((this.displayed.dayCount == 31) &&
(this.displayed.firstDay > 4)) || ((this.displayed.dayCount
== 30) && (this.displayed.firstDay == 6))) Rows = 6;
  else if ((this.displayed.dayCount == 28) &&
(this.displayed.firstDay == 0)) Rows = 4;
  var HTML = '<table width="' + (CellWidth * 7) + '"
cellspacing="0" cellpadding="1" style="cursor:default">';
  for (var j=0;j<Rows;j++) {
    HTML += '<tr>';
    for (var i=1;i<=7;i++) {
      Day = (j * 7) + (i - this.displayed.firstDay);
      if ((Day >= 1) && (Day <= this.displayed.dayCount))
{
        if ((this.displayed.yearValue ==
this.picked.yearValue) && (this.displayed.monthIndex ==
this.picked.monthIndex) && (Day == this.picked.day)) {
          TextStyle = 'color:white;font-weight:bold;';
          BackColor = DayBGColor;
        }
        else {
          TextStyle = 'color:black;';
          BackColor = CalBGColor;
        }
        if ((this.displayed.yearValue ==
Today.getFullYear()) && (this.displayed.monthIndex ==
Today.getMonth()) && (Day == Today.getDate()))
TextStyle += 'border:1px solid darkred;padding:0px;';
        HTML += '<td align="center"
class="calendarDateInput" style="cursor:default;height:' +
CellHeight + ';width:' + CellWidth + ';' + TextStyle +
';background-color:' + BackColor + '" onClick="' +
this.objName + '.pickDay(' + Day + ')"
onMouseOver="return ' + this.objName +
'.displayed.dayHover(this,true,\'' + BackColor + '\',' + Day
+ ')" onMouseOut="return ' + this.objName +
'.displayed.dayHover(this,false,\'' + BackColor + '\')">' +
Day + '</td>';
      }
      else HTML += '<td class="calendarDateInput"
style="height:' + CellHeight + '"> </td>';
    }
    HTML += '</tr>';
  }
  return HTML += '</table>';
}

// Determines which century to use (20th or 21st) when
dealing with 2-digit years
function GetGoodYear(YearDigits) {
  if (YearDigits.length == 4) return YearDigits;
  else {
    var Millennium = (YearDigits < Y2kPivotPoint) ? 2000 :
1900;
    return Millennium + parseInt(YearDigits,10);
  }
}

// Returns the number of days in a month (handles leap-
years)
function GetDayCount(SomeYear, SomeMonth) {
```

```
  return ((SomeMonth == 1) && ((SomeYear % 400 == 0)
|| ((SomeYear % 4 == 0) && (SomeYear % 100 != 0)))) ?
29 : MonthDays[SomeMonth];
}

// Highlights the buttons
function VirtualButton(Cell, ButtonDown) {
  if (ButtonDown) {
    Cell.style.borderLeft = 'buttonshadow 1px solid';
    Cell.style.borderTop = 'buttonshadow 1px solid';
    Cell.style.borderBottom = 'buttonhighlight 1px solid';
    Cell.style.borderRight = 'buttonhighlight 1px solid';
  }
  else {
    Cell.style.borderLeft = 'buttonhighlight 1px solid';
    Cell.style.borderTop = 'buttonhighlight 1px solid';
    Cell.style.borderBottom = 'buttonshadow 1px solid';
    Cell.style.borderRight = 'buttonshadow 1px solid';
  }
}

// Mouse-over for the previous/next month buttons
function NeighborHover(Cell, Over, DateObj) {
  if (Over) {
    VirtualButton(Cell, false);
    self.status = 'Click to view ' + DateObj.fullName;
  }
  else {
    Cell.style.border = 'buttonface 1px solid';
    self.status = '';
  }
  return true;
}

// Adds/removes days from the day list, depending on the
month/year
function FixDayList(DayList, NewDays) {
  var DayPick = DayList.selectedIndex + 1;
  if (NewDays != DayList.length) {
    var OldSize = DayList.length;
    for (var
k=Math.min(NewDays,OldSize);k<Math.max(NewDays,Old
Size);k++) {
      (k >= NewDays) ? DayList.options[NewDays] = null :
DayList.options[k] = new Option(k+1, k+1);
    }
    DayPick = Math.min(DayPick, NewDays);
    DayList.options[DayPick-1].selected = true;
  }
  return DayPick;
}

// Resets the year to its previous valid value when
something invalid is entered
function FixYearInput(YearField) {
  var YearRE = new RegExp('\\d{' +
YearField.defaultValue.length + '}');
  if (!YearRE.test(YearField.value)) YearField.value =
YearField.defaultValue;
}

// Displays a message in the status bar when hovering over
the calendar icon
function CalIconHover(Over) {
  var Message = (this.isShowing()) ? 'hide' : 'show';
  self.status = (Over) ? 'Click to ' + Message + ' the
calendar' : '';
  return true;
}

// Starts the timer over from scratch
function CalTimerReset() {
  eval('clearTimeout(' + this.timerID + ')');
  eval(this.timerID + '=setTimeout(\'' + this.objName +
'.show()\',' + (HideWait * 1000) + ')');
}

// The timer for the calendar
function DoTimer(CancelTimer) {
  if (CancelTimer) eval('clearTimeout(' + this.timerID +
')');
  else {
```

```
        eval(this.timerID + '=null');
        this.resetTimer();
    }
}

// Show or hide the calendar
function ShowCalendar() {
    if (this.isShowing()) {
        var StopTimer = true;
        this.getCalendar().style.zIndex = --ZCounter;
        this.getCalendar().style.visibility = 'hidden';
        this.fixSelects(false);
    }
    else {
        var StopTimer = false;
        this.fixSelects(true);
        this.getCalendar().style.zIndex = ++ZCounter;
        this.getCalendar().style.visibility = 'visible';
    }
    this.handleTimer(StopTimer);
    self.status = '';
}

// Hides the input elements when the "blank" month is
selected
function SetElementStatus(Hide) {
    this.getDayList().style.visibility = (Hide) ? 'hidden' :
'visible';
    this.getYearField().style.visibility = (Hide) ? 'hidden' :
'visible';
    this.getCalendarLink().style.visibility = (Hide) ? 'hidden' :
'visible';
}

// Sets the date, based on the month selected
function CheckMonthChange(MonthList) {
    var DayList = this.getDayList();
    if (MonthList.options[MonthList.selectedIndex].value ==
'') {
        DayList.selectedIndex = 0;
        this.hideElements(true);
        this.setHidden('');
    }
    else {
        this.hideElements(false);
        if (this.isShowing()) {
            this.resetTimer(); // Gives the user more time to
view the calendar with the newly-selected month
            this.getCalendar().style.zIndex = ++ZCounter; //
Make sure this calendar is on top of any other calendars
        }
        var DayPick = FixDayList(DayList,
GetDayCount(this.picked.yearValue,
MonthList.options[MonthList.selectedIndex].value));
        this.setPicked(this.picked.yearValue,
MonthList.options[MonthList.selectedIndex].value,
DayPick);
    }
}

// Sets the date, based on the day selected
function CheckDayChange(DayList) {
    if (this.isShowing()) this.show();
    this.setPicked(this.picked.yearValue,
this.picked.monthIndex, DayList.selectedIndex+1);
}

// Changes the date when a valid year has been entered
function CheckYearInput(YearField) {
    if ((YearField.value.length ==
YearField.defaultValue.length) && (YearField.defaultValue !
= YearField.value)) {
        if (this.isShowing()) {
            this.resetTimer(); // Gives the user more time to
view the calendar with the newly-entered year
            this.getCalendar().style.zIndex = ++ZCounter; //
Make sure this calendar is on top of any other calendars
        }
        var NewYear = GetGoodYear(YearField.value);
        var MonthList = this.getMonthList();
        var NewDay = FixDayList(this.getDayList(),
GetDayCount(NewYear, this.picked.monthIndex));
```

```
        this.setPicked(NewYear, this.picked.monthIndex,
NewDay);
        YearField.defaultValue = YearField.value;
    }
}

// Holds characteristics about a date
function dateObject() {
    if (Function.call) { // Used when 'call' method of the
Function object is supported
        var ParentObject = this;
        var ArgumentStart = 0;
    }
    else { // Used with 'call' method of the Function object is
NOT supported
        var ParentObject = arguments[0];
        var ArgumentStart = 1;
    }
    ParentObject.date = (arguments.length ==
(ArgumentStart+1)) ? new
Date(arguments[ArgumentStart+0]) : new
Date(arguments[ArgumentStart+0],
arguments[ArgumentStart+1],
arguments[ArgumentStart+2]);
    ParentObject.yearValue =
ParentObject.date.getFullYear();
    ParentObject.monthIndex =
ParentObject.date.getMonth();
    ParentObject.monthName =
MonthNames[ParentObject.monthIndex];
    ParentObject.fullName = ParentObject.monthName + ' '
+ ParentObject.yearValue;
    ParentObject.day = ParentObject.date.getDate();
    ParentObject.dayCount =
GetDayCount(ParentObject.yearValue,
ParentObject.monthIndex);
    var FirstDate = new Date(ParentObject.yearValue,
ParentObject.monthIndex, 1);
    ParentObject.firstDay = FirstDate.getDay();
}

// Keeps track of the date that goes into the hidden field
function storedMonthObject(DateFormat, DateYear,
DateMonth, DateDay) {
    (Function.call) ? dateObject.call(this, DateYear,
DateMonth, DateDay) : dateObject(this, DateYear,
DateMonth, DateDay);
    this.yearPad = this.yearValue.toString();
    this.monthPad = (this.monthIndex < 9) ? '0' +
String(this.monthIndex + 1) : this.monthIndex + 1;
    this.dayPad = (this.day < 10) ? '0' + this.day.toString() :
this.day;
    this.monthShort =
this.monthName.substr(0,3).toUpperCase();
    // Formats the year with 2 digits instead of 4
    if (DateFormat.indexOf('YYYY') == -1) this.yearPad =
this.yearPad.substr(2);
    // Define the date-part delimiter
    if (DateFormat.indexOf('/') >= 0) var Delimiter = '/';
    else if (DateFormat.indexOf('-') >= 0) var Delimiter = '-';
    else var Delimiter = '';
    // Determine the order of the months and days
    if (/DD?.?((MON)|(MM?M?))/.test(DateFormat)) {
        this.formatted = this.dayPad + Delimiter;
        this.formatted += (RegExp.$1.length == 3) ?
this.monthShort : this.monthPad;
    }
    else if (/((MON)|(MM?M?))?.?DD?/.test(DateFormat)) {
        this.formatted = (RegExp.$1.length == 3) ?
this.monthShort : this.monthPad;
        this.formatted += Delimiter + this.dayPad;
    }
    // Either prepend or append the year to the formatted
date
    this.formatted = (DateFormat.substr(0,2) == 'YY') ?
this.yearPad + Delimiter + this.formatted : this.formatted
+ Delimiter + this.yearPad;
}

// Object for the current displayed month
function displayMonthObject(ParentObject, DateYear,
DateMonth, DateDay) {
```

```
   (Function.call) ? dateObject.call(this, DateYear,
DateMonth, DateDay) : dateObject(this, DateYear,
DateMonth, DateDay);
   this.displayID = ParentObject.hiddenFieldName +
'_Current_ID';
   this.getDisplay = new Function('return
document.getElementById(this.displayID)');
   this.dayHover = DayCellHover;
   this.goCurrent = new Function(ParentObject.objName +
'.getCalendar().style.zIndex=++ZCounter;' +
ParentObject.objName +
'.setDisplayed(Today.getFullYear(),Today.getMonth()));');
   if (ParentObject.formNumber >= 0)
this.getDisplay().innerHTML = this.fullName;
}


// Object for the previous/next buttons
function neighborMonthObject(ParentObject, IDText,
DateMS) {
   (Function.call) ? dateObject.call(this, DateMS) :
dateObject(this, DateMS);
   this.buttonID = ParentObject.hiddenFieldName + '_' +
IDText + '_ID';
   this.hover = new
Function('C','O','NeighborHover(C,O,this)');
   this.getButton = new Function('return
document.getElementById(this.buttonID)');
   this.go = new Function(ParentObject.objName +
'.getCalendar().style.zIndex=++ZCounter;' +
ParentObject.objName +
'.setDisplayed(this.yearValue,this.monthIndex);');
   if (ParentObject.formNumber >= 0) this.getButton().title
= this.monthName;
}


// Sets the currently-displayed month object
function SetDisplayedMonth(DispYear, DispMonth) {
   this.displayed = new displayMonthObject(this, DispYear,
DispMonth, 1);
   // Creates the previous and next month objects
   this.previous = new neighborMonthObject(this, 'Previous',
this.displayed.date.getTime() - 86400000);
   this.next = new neighborMonthObject(this, 'Next',
this.displayed.date.getTime() + (86400000 *
(this.displayed.dayCount + 1)));
   // Creates the HTML for the calendar
   if (this.formNumber >= 0) this.getDayTable().innerHTML
= this.buildCalendar();
}


// Sets the current selected date
function SetPickedMonth(PickedYear, PickedMonth,
PickedDay) {
   this.picked = new storedMonthObject(this.format,
PickedYear, PickedMonth, PickedDay);
   this.setHidden(this.picked.formatted);
   this.setDisplayed(PickedYear, PickedMonth);
}


// The calendar object
function calendarObject(DateName, DateFormat,
DefaultDate) {

   /* Properties */
   this.hiddenFieldName = DateName;
   this.monthListID = DateName + '_Month_ID';
   this.dayListID = DateName + '_Day_ID';
   this.yearFieldID = DateName + '_Year_ID';
   this.monthDisplayID = DateName + '_Current_ID';
   this.calendarID = DateName + '_ID';
   this.dayTableID = DateName + '_DayTable_ID';
   this.calendarLinkID = this.calendarID + '_Link';
   this.timerID = this.calendarID + '_Timer';
   this.objName = DateName + '_Object';
   this.format = DateFormat;
   this.formNumber = -1;
   this.picked = null;
   this.displayed = null;
   this.previous = null;
   this.next = null;

   /* Methods */
```

```
   this.setPicked = SetPickedMonth;
   this.setDisplayed = SetDisplayedMonth;
   this.checkYear = CheckYearInput;
   this.fixYear = FixYearInput;
   this.changeMonth = CheckMonthChange;
   this.changeDay = CheckDayChange;
   this.resetTimer = CalTimerReset;
   this.hideElements = SetElementStatus;
   this.show = ShowCalendar;
   this.handleTimer = DoTimer;
   this.iconHover = CalIconHover;
   this.buildCalendar = BuildCalendarDays;
   this.pickDay = PickDisplayDay;
   this.fixSelects = FixSelectLists;
   this.setHidden = new Function('D','if (this.formNumber
>= 0) this.getHiddenField().value=D);
   // Returns a reference to these elements
   this.getHiddenField = new Function('return
document.forms[this.formNumber].elements[this.hiddenFiel
dName]');
   this.getMonthList = new Function('return
document.getElementById(this.monthListID)');
   this.getDayList = new Function('return
document.getElementById(this.dayListID)');
   this.getYearField = new Function('return
document.getElementById(this.yearFieldID)');
   this.getCalendar = new Function('return
document.getElementById(this.calendarID)');
   this.getDayTable = new Function('return
document.getElementById(this.dayTableID)');
   this.getCalendarLink = new Function('return
document.getElementById(this.calendarLinkID)');
   this.getMonthDisplay = new Function('return
document.getElementById(this.monthDisplayID)');
   this.isShowing = new Function('return !
(this.getCalendar().style.visibility != \'visible\')');


   /* Constructor */
   // Functions used only by the constructor
   function getMonthIndex(MonthAbbr) { // Returns the
index (0-11) of the supplied month abbreviation
      for (var
MonPos=0;MonPos<MonthNames.length;MonPos++) {
         if (MonthNames[MonPos].substr(0,3).toUpperCase()
== MonthAbbr.toUpperCase()) break;
      }
      return MonPos;
   }
   function SetGoodDate(CalObj, Notify) { // Notifies the
user about their bad default date, and sets the current
system date
      CalObj.setPicked(Today.getFullYear(),
Today.getMonth(), Today.getDate());
      if (Notify) alert('WARNING: The supplied date is not in
valid \" + DateFormat + '\' format: ' + DefaultDate +
'.\nTherefore, the current system date will be used instead:
' + CalObj.picked.formatted);
   }
   // Main part of the constructor
   if (DefaultDate != '') {
      if ((this.format == 'YYYYMMDD') && (/^(\d{4})(\d{2})
(\d{2})$/.test(DefaultDate))) this.setPicked(RegExp.$1,
parseInt(RegExp.$2,10)-1, RegExp.$3);
      else {
         // Get the year
         if ((this.format.substr(0,2) == 'YY') && (/^(\d{2,4})
(-|\/)/.test(DefaultDate))) { // Year is at the beginning
            var YearPart = GetGoodYear(RegExp.$1);
            // Determine the order of the months and days
            if (/(-|\/)(\w{1,3})(-|\/)(\w{1,3})
$/.test(DefaultDate)) {
               var MidPart = RegExp.$2;
               var EndPart = RegExp.$4;
               if (/D$/.test(this.format)) { // Ends with days
                  var DayPart = EndPart;
                  var MonthPart = MidPart;
               }
               else {
                  var DayPart = MidPart;
                  var MonthPart = EndPart;
               }
```

```
            MonthPart = (/\d{1,2}/i.test(MonthPart)) ?
parseInt(MonthPart,10)-1 : getMonthIndex(MonthPart);
                this.setPicked(YearPart, MonthPart, DayPart);
            }
        else SetGoodDate(this, true);
        }
    else if (/(-|\/)(\d{2,4})$/.test(DefaultDate)) { //
Year is at the end
        var YearPart = GetGoodYear(RegExp.$2);
        // Determine the order of the months and days
        if (/^(\w{1,3})(-|\/)(\w{1,3})
(-|\/)/.test(DefaultDate)) {
            if (this.format.substr(0,1) == 'D') { // Starts with
days
                var DayPart = RegExp.$1;
                var MonthPart = RegExp.$3;
            }
            else { // Starts with months
                var MonthPart = RegExp.$1;
                var DayPart = RegExp.$3;
            }
            MonthPart = (/\d{1,2}/i.test(MonthPart)) ?
parseInt(MonthPart,10)-1 : getMonthIndex(MonthPart);
                this.setPicked(YearPart, MonthPart, DayPart);
            }
        else SetGoodDate(this, true);
        }
    else SetGoodDate(this, true);
    }
  }
}

// Main function that creates the form elements
function DateInput(DateName, Required, DateFormat,
DefaultDate) {
  if (arguments.length == 0) document.writeln('<span
style="color:red;font-size:' + FontSize + 'px;font-family:' +
FontFamily + ';">ERROR: Missing required parameter in call
to \'DateInput\': [name of hidden date field].</span>');
  else {
    // Handle DateFormat
    if (arguments.length < 3) { // The format wasn't
passed in, so use default
        DateFormat = DefaultDateFormat;
        if (arguments.length < 2) Required = false;
    }
    else if (/^(Y{2,4}(-|\/)?)?((MON)|(MM?M?)|(DD?))
(-|\/)?((MON)|(MM?M?)|(DD?))((-|\/)Y{2,4})?
$/i.test(DateFormat)) DateFormat =
DateFormat.toUpperCase();
    else { // Passed-in DateFormat was invalid, use default
format instead
        var AlertMessage = 'WARNING: The supplied date
format for the \'' + DateName + '\' field is not valid: ' +
DateFormat + '\nTherefore, the default date format will be
used instead: ' + DefaultDateFormat;
        DateFormat = DefaultDateFormat;
        if (arguments.length == 4) { // DefaultDate was
passed in with an invalid date format
            var CurrentDate = new
storedMonthObject(DateFormat, Today.getFullYear(),
Today.getMonth(), Today.getDate());
            AlertMessage += '\n\nThe supplied date (' +
DefaultDate + ') cannot be interpreted with the invalid
format.\nTherefore, the current system date will be used
instead: ' + CurrentDate.formatted;
            DefaultDate = CurrentDate.formatted;
        }
        alert(AlertMessage);
    }
    // Define the current date if it wasn't set already
    if (!CurrentDate) var CurrentDate = new
storedMonthObject(DateFormat, Today.getFullYear(),
Today.getMonth(), Today.getDate());
    // Handle DefaultDate
    if (arguments.length < 4) { // The date wasn't passed
in
        DefaultDate = (Required) ? CurrentDate.formatted :
''; // If required, use today's date
    }
    // Creates the calendar object!
```

```
        eval(DateName + '_Object=new calendarObject(\"' +
DateName + '\',\"' + DateFormat + '\',\"' + DefaultDate +
'\')');
        // Determine initial viewable state of day, year, and
calendar icon
        if ((Required) || (arguments.length == 4)) {
            var InitialStatus = '';
            var InitialDate = eval(DateName +
'_Object.picked.formatted');
        }
        else {
            var InitialStatus = ' style="visibility:hidden"';
            var InitialDate = '';
            eval(DateName + '_Object.setPicked(' +
Today.getFullYear() + ',' + Today.getMonth() + ',' +
Today.getDate() + ')');
        }
        // Create the form elements
        with (document) {
            writeln('<input type="hidden" name="' + DateName
+ '" value="' + InitialDate + '">');
            // Find this form number
            for (var f=0;f<forms.length;f++) {
                for (var e=0;e<forms[f].elements.length;e++) {
                    if (typeof forms[f].elements[e].type == 'string')
{
                        if ((forms[f].elements[e].type == 'hidden') &&
(forms[f].elements[e].name == DateName)) {
                            eval(DateName +
'_Object.formNumber='+f);
                            break;
                        }
                    }
                }
            }
            writeln('<table cellpadding="0"
cellspacing="2"><tr>' + String.fromCharCode(13) + '<td
valign="middle">');
            writeln('<select class="calendarDateInput" id="' +
DateName + '_Month_ID" onChange="' + DateName +
'_Object.changeMonth(this)">');
            if (!Required) {
                var NoneSelected = (DefaultDate == '') ? '
selected' : '';
                writeln('<option value=""' + NoneSelected + '>' +
UnselectedMonthText + '</option>');
            }
            for (var i=0;i<12;i++) {
                MonthSelected = ((DefaultDate != '') &&
(eval(DateName + '_Object.picked.monthIndex') == i)) ? '
selected' : '';
                writeln('<option value="' + i + '"' + MonthSelected
+ '>' + MonthNames[i].substr(0,3) + '</option>');
            }
            writeln('</select>' + String.fromCharCode(13) +
'</td>' + String.fromCharCode(13) + '<td
valign="middle">');
            writeln('<select' + InitialStatus + '
class="calendarDateInput" id="' + DateName + '_Day_ID"
onChange="' + DateName + '_Object.changeDay(this)">');
            for (var j=1;j<=eval(DateName +
'_Object.picked.dayCount');j++) {
                DaySelected = ((DefaultDate != '') &&
(eval(DateName + '_Object.picked.day') == j)) ? ' selected'
: '';
                writeln('<option' + DaySelected + '>' + j +
'</option>');
            }
            writeln('</select>' + String.fromCharCode(13) +
'</td>' + String.fromCharCode(13) + '<td
valign="middle">');
            writeln('<input' + InitialStatus + '
class="calendarDateInput" type="text" id="' + DateName
+ '_Year_ID" size="' + eval(DateName +
'_Object.picked.yearPad.length') + '" maxlength="' +
eval(DateName + '_Object.picked.yearPad.length') + '"
title="Year" value="' + eval(DateName +
'_Object.picked.yearPad') + '" onKeyPress="return
YearDigitsOnly(window.event)" onKeyUp="' + DateName +
'_Object.checkYear(this)" onBlur="' + DateName +
'_Object.fixYear(this)">');
```

```
        write('<td valign="middle">' +
String.fromCharCode(13) + '<a' + InitialStatus + ' id="' +
DateName + '_ID_Link" href="javascript:' + DateName +
'_Object.show()" onMouseOver="return ' + DateName +
'_Object.iconHover(true)" onMouseOut="return ' +
DateName + '_Object.iconHover(false)"><img src="' +
ImageURL + '" align="baseline" title="Calendar"
border="0"></a> ');
        writeln('<span id="' + DateName + '_ID"
style="position:absolute;visibility:hidden;width:' +
(CellWidth * 7) + 'px;background-color:' + CalBGColor +
';border:1px solid dimgray;" onMouseOver="' + DateName
+ '_Object.handleTimer(true)" onMouseOut="' + DateName
+ '_Object.handleTimer(false)">');
        writeln('<table width="' + (CellWidth * 7) + '"
cellspacing="0" cellpadding="1">' +
String.fromCharCode(13) + '<tr style="background-color:'
+ TopRowBGColor + ';">');
        writeln('<td id="' + DateName + '_Previous_ID"
style="cursor:default" align="center"
class="calendarDateInput" style="height:' + CellHeight + '"
onClick="' + DateName + '_Object.previous.go()"
onMouseDown="VirtualButton(this,true)"
onMouseUp="VirtualButton(this,false)"
onMouseOver="return ' + DateName +
'_Object.previous.hover(this,true)" onMouseOut="return ' +
DateName + '_Object.previous.hover(this,false)" title="' +
eval(DateName + '_Object.previous.monthName') +
'"><img src="' + PrevURL + '"></td>');
        writeln('<td id="' + DateName + '_Current_ID"
style="cursor:pointer" align="center"
class="calendarDateInput" style="height:' + CellHeight + '"
colspan="5" onClick="' + DateName +
'_Object.displayed.goCurrent()"
onMouseOver="self.status=\'Click to view ' +
CurrentDate.fullName + '\';return true;"
onMouseOut="self.status=\'\';return true;" title="Show
Current Month">' + eval(DateName +
'_Object.displayed.fullName') + '</td>');
        writeln('<td id="' + DateName + '_Next_ID"
style="cursor:default" align="center"
class="calendarDateInput" style="height:' + CellHeight + '"
onClick="' + DateName + '_Object.next.go()"
onMouseDown="VirtualButton(this,true)"
onMouseUp="VirtualButton(this,false)"
onMouseOver="return ' + DateName +
'_Object.next.hover(this,true)" onMouseOut="return ' +
DateName + '_Object.next.hover(this,false)" title="' +
eval(DateName + '_Object.next.monthName') + '"><img
src="' + NextURL + '"></td></tr>' +
String.fromCharCode(13) + '<tr>');
        for (var w=0;w<7;w++) writeln('<td width="' +
CellWidth + '" align="center" class="calendarDateInput"
style="height:' + CellHeight + ';width:' + CellWidth +
';font-weight:bold;border-top:1px solid dimgray;border-
bottom:1px solid dimgray;">' + WeekDays[w] + '</td>');
        writeln('</tr>' + String.fromCharCode(13) +
'</table>' + String.fromCharCode(13) + '<span id="' +
DateName + '_DayTable_ID">' + eval(DateName +
'_Object.buildCalendar()') + '</span>' +
String.fromCharCode(13) + '</span>' +
String.fromCharCode(13) + '</td>' +
String.fromCharCode(13) + '</tr>' +
String.fromCharCode(13) + '</table>');
      }
    }
}


javascript_fxns.js

/*****************************
form-validating functions
*****************************/

function del_hosp()
{
if (document.delhosp.hloc.value.length == 0 ||
document.delhosp.hname.value.length == 0)
```

```
{
 alert("All fields are required.");
 return false;
}

document.delhosp.action = "delete_hospadmin3.php";
document.delhosp.submit();
return true;
}

function addhealthcard()
{
if (document.add_healthcard.services.value.length == 0 ||
document.add_healthcard.hcname.value.length == 0 ||
document.add_healthcard.website.value.length == 0)
{
 alert("All fields are required.");
 return false;
}

document.add_healthcard.action = "add_healthcard2.php";
document.add_healthcard.submit();
return true;
}

function addoffice2()
{
if (document.add_office.officename.value.length == 0 ||
document.add_office.officeloc.value.length == 0)
{
 alert("Please fill out the field for hospital's name and
hospital's location.");
 return false;
}

document.add_office.action = "addoffice2.php";
document.add_office.submit();
return true;
}


function add_docschedule()
{
if (document.add_docsched.day.value.length == 0 ||
document.add_docsched.timecode.value.length == 0)
{
 alert("Please fill out the fields for day and time.");
 return false;
}

document.add_docsched.action =
"add_docschedadmin2.php";
document.add_docsched.submit();
return true;
}


function edit_docschedule()
{
if (document.edit_docsched.day.value.length == 0 ||
document.edit_docsched.timecode.value.length == 0)
{
 alert("Please fill out the fields for day and time.");
 return false;
}

document.edit_docsched.action =
"edit_docschedadmin2.php";
document.edit_docsched.submit();
return true;
}

function deletedoc()
{
if (document.deldoc.answer.value.length == 0)
{
 alert("Does the doctor have a substitute or none? Please
answer.");
 return false;
}

document.deldoc.action = "del_doc2.php";
document.deldoc.submit();
```

```
    return true;
}

function relieverdoc()
{
if (document.reliever.dfname.value.length == 0 ||
document.reliever.dlname.value.length == 0)
{
 alert("All fields are required.");
 return false;
}

document.reliever.action = "del_doc3.php";
document.reliever.submit();
return true;
}


function fillouthcoffice()
{
if (document.fillhcoffice.hcoffice.value.length == 0)
{
 alert("Please fill out the field for health card office.");
 return false;
}

document.fillhcoffice.action = "fillhcoffice.php";
document.fillhcoffice.submit();
return true;
}

function edit_hcinformation()
{
if (document.edithcinfo.benefits.value.length == 0 ||
document.edithcinfo.hcname.value.length == 0 ||
document.edithcinfo.website.value.length == 0)
{
 alert("Please fill out all fields.");
 return false;
}

document.edithcinfo.action = "edit_hcinformation2.php";
document.edithcinfo.submit();
return true;
}

function edit_officeinformation()
{
if (document.editofficeinfo.officename.value.length == 0 ||
document.editofficeinfo.officeloc.value.length == 0)
{
 alert("Please fill out the field for office's name and office's
location.");
 return false;
}

document.editofficeinfo.action = "edit_officeinfo2.php";
document.editofficeinfo.submit();
return true;
}

function edithospinfo()
{
if (document.edithospinformation.hospn.value.length == 0
|| document.edithospinformation.hosploc.value.length ==
0)
{
 alert("Please fill out the field for hospital's name and
hospital's location.");
 return false;
}

document.edithospinformation.action =
"edit_hospitalinfo2.php";
document.edithospinformation.submit();
return true;
}

function addoffice()
{
if (document.add_office.officename.value.length == 0 ||
document.add_office.officeloc.value.length == 0)
```

```
{
 alert("Please fill out the field for hospital's name and
hospital's location.");
 return false;
}

document.add_office.action = "addoutside_office2.php";
document.add_office.submit();
return true;
}

function adddoctor()
{
if (document.add_doctor.firstname.value.length == 0 ||
document.add_doctor.lastname.value.length == 0 ||
document.add_doctor.specl.value.length == 0)
{
 alert("Fields with asterisk are required to be filled out.");
 return false;
}

document.add_doctor.action = "add_doctor2.php";
document.add_doctor.submit();
return true;
}

function cancelreserve()
{
if (document.cancelres.reservecode.value.length == 0)
{
 alert("Enter a reservation code to proceed.");
 return false;
}

document.cancelres.action = "cancel_reservation2.php";
document.cancelres.submit();
return true;

}

function viewstatreservation()
{
if (document.viewstat.reservecode.value.length == 0)
{
 alert("Enter a reservation code to proceed.");
 return false;
}

document.viewstat.action = "view_statres2.php";
document.viewstat.submit();
return true;
}

function addhospital()
{
if (document.add_hospital.hospname.value.length==0)
{
 alert("Please fill out field for the name of the hospital.");
 return false;
}
if (document.add_hospital.hosploc.value.length==0)
{
 alert("Please fill out field for the location of the hospital.");
 return false;
}
if (document.add_hospital.hcoffice.value.length==0 &&
document.add_hospital.outoffice1.value.length==0 &&
document.add_hospital.outoffice2.value.length==0 &&
document.add_hospital.outoffice3.value.length==0)
{
 alert("Please fill out either the field for health card office
inside the hospital or fields for health card offices outside
and near the hospital.");
 return false;
}
if (document.add_hospital.hcoffice.value.length != 0 &&
(document.add_hospital.outoffice1.value.length != 0 ||
document.add_hospital.outoffice2.value.length != 0 ||
document.add_hospital.outoffice3.value.length != 0))
{
```

```
  alert("If you have already an entry for office inside the
hospital, you are not allowed anymore to add healthcard
office outside of the hospital.");
  document.add_hospital.hcoffice.value="";
  document.add_hospital.outoffice1.value="";
  document.add_hospital.outoffice2.value="";
  document.add_hospital.outoffice3.value="";
  return false;
}
if ((document.add_hospital.outoffice1.value.length != 0 &&
document.add_hospital.loc_outoffice1.value.length == 0) ||
(document.add_hospital.outoffice2.value.length != 0 &&
document.add_hospital.loc_outoffice2.value.length == 0) ||
(document.add_hospital.outoffice3.value.length != 0 &&
document.add_hospital.loc_outoffice3.value.length == 0))
{
  alert("Please fill out field for office's location.");
  return false;
}

document.add_hospital.action = "add_hospital2.php";
document.add_hospital.submit();
return true;
}

function editdocinfo()
{
if (document.edit_docinfo.firstname.value.length == 0 ||
document.edit_docinfo.lastname.value.length == 0 ||
document.edit_docinfo.specl.value.length == 0)
{
  alert("Fields with asterisk are required to be filled out.");
  return false;
}
document.edit_docinfo.action = "edit_docinfo2.php";
document.edit_docinfo.submit();
return true;
}

function editprofile()
{
if (document.edit_profile.firstname.value.length==0 ||
document.edit_profile.lastname.value.length==0 ||
document.edit_profile.emailaddress.value.length==0 ||
document.edit_profile.uname.value.length==0 ||
document.edit_profile.password.value.length==0 ||
document.edit_profile.repassword.value.length==0)
{
  alert("Fields with asterisk are required to be filled out.");
  return false;
}
if(document.edit_profile.mbphonenumber.value.length !=
0)
{
  if
(eval("Number(document.edit_profile.mbphonenumber.valu
e)").toString() == 'NaN')
  {
        alert("Please enter the mobile phone number
continuously and in numeric form. Exclude spaces and any
characters alike. e.g. 9224853172");

document.edit_profile.mbphonenumber.value="";
        return false;
  }
  if ((document.edit_profile.mbphonenumber.value.length <
10) || (document.edit_profile.mbphonenumber.value.length
> 10))
  {
        alert("Mobile phone number should have 10
digits.");

document.edit_profile.mbphonenumber.value="";
        return false;
  }
}
if ((document.edit_profile.password.value.length > 20) ||
(document.edit_profile.password.value.length < 5))
{
  alert("Password should be of 5-20 characters.");
  document.edit_profile.password.value="";
  return false;
```

```
}
if ((document.edit_profile.repassword.value.length > 20) ||
(document.edit_profile.repassword.value.length < 5))
{
  alert("Password should be of 5-20 characters.");
  document.edit_profile.repassword.value="";
  return false;
}
if ((document.edit_profile.uname.value.length > 20) ||
(document.edit_profile.uname.value.length < 5))
{
  alert("Username should be of 5-20 characters.");
  document.edit_profile.uname.value="";
  return false;
}
if ((document.edit_profile.password.value) !=
(document.edit_profile.repassword.value))
{
  alert("Passwords do not match.");
  document.edit_profile.password.value="";
  document.edit_profile.repassword.value="";
  return false;
}
if (document.edit_profile.emailaddress.value.length > 0)
{
  i=document.edit_profile.emailaddress.value.indexOf("@");
  j=document.edit_profile.emailaddress.value.indexOf(".",i);
  k=document.edit_profile.emailaddress.value.indexOf(",");
  kk=document.edit_profile.emailaddress.value.indexOf("
");

jj=document.edit_profile.emailaddress.value.lastIndexOf(".
")+1;
  len=document.edit_profile.emailaddress.value.length;
  if ((i>0) && (j>(1+1)) && (k==-1) && (kk==-1) && (len-jj
>=2) && (len-jj<=3))
  {
  }
  else
  {
        alert("Please enter a valid email address. " +
document.edit_profile.emailaddress.value + " is invalid.");
        document.edit_profile.emailaddress.value="";
        return false;
  }
}

document.edit_profile.action = "editprofile2.php";
document.edit_profile.submit();
return true;
}

function editprofilesysad()
{
if (document.edit_profile.firstname.value.length==0 ||
document.edit_profile.lastname.value.length==0 ||
document.edit_profile.emailaddress.value.length==0 ||
document.edit_profile.uname.value.length==0 ||
document.edit_profile.password.value.length==0 ||
document.edit_profile.repassword.value.length==0)
{
  alert("Fields with asterisk are required to be filled out.");
  return false;
}
if ((document.edit_profile.password.value.length > 20) ||
(document.edit_profile.password.value.length < 5))
{
  alert("Password should be of 5-20 characters.");
  document.edit_profile.password.value="";
  return false;
}
if ((document.edit_profile.repassword.value.length > 20) ||
(document.edit_profile.repassword.value.length < 5))
{
  alert("Password should be of 5-20 characters.");
  document.edit_profile.repassword.value="";
  return false;
}
if ((document.edit_profile.uname.value.length > 20) ||
(document.edit_profile.uname.length < 5))
{
```

```
 alert("Username should be of 5-20 characters.");
 document.edit_profile.uname.value="";
 return false;
 }
 if ((document.edit_profile.password.value) !=
 (document.edit_profile.repassword.value))
 {
 alert("Passwords do not match.");
 document.edit_profile.password.value="";
 document.edit_profile.repassword.value="";
 return false;
 }
 if (document.edit_profile.emailaddress.value.length > 0)
 {
 i=document.edit_profile.emailaddress.value.indexOf("@");
 j=document.edit_profile.emailaddress.value.indexOf(".",i);
 k=document.edit_profile.emailaddress.value.indexOf(",");
 kk=document.edit_profile.emailaddress.value.indexOf("
");

jj=document.edit_profile.emailaddress.value.lastIndexOf(".
")+1;
 len=document.edit_profile.emailaddress.value.length;
 if ((i>0) && (j>(1+1)) && (k==-1) && (kk==-1) && (len-jj
>=2) && (len-jj<=3))
 {
 }
 else
 {
            alert("Please enter a valid email address. " +
document.edit_profile.emailaddress.value + " is invalid.");
            document.edit_profile.emailaddress.value="";
            return false;
 }
 }
if(document.edit_profile.mbphonenumber.value.length !=
'')
 {
 if ((document.edit_profile.mbphonenumber.value.length <
10) || (document.edit_profile.mbphonenumber.value.length
> 10))
 {
            alert("Mobile phone number should have 10
digits.");

document.edit_profile.mbphonenumber.value="";
            return false;
 }
 if
(eval("Number(document.edit_profile.mbphonenumber.valu
e)").toString() == 'NaN')
 {
            alert("Please enter the mobile phone number
continuously and in numeric form. Exclude spaces and any
characters alike. e.g. 9224853172");

document.edit_profile.mbphonenumber.value="";
            return false;
 }
 }

document.edit_profile.action = "editprofile_sysad2.php";
document.edit_profile.submit();
return true;
}

function editprofile_sysad2()
{
if (document.editprofile2.firstname.value.length==0 ||
document.editprofile2.lastname.value.length==0 ||
document.editprofile2.emailaddress.value.length==0 ||
document.editprofile2.username.value.length==0 ||
document.editprofile2.password.value.length==0 ||
document.editprofile2.repassword.value.length==0)
 {
 alert("Fields with asterisk are required to be filled out.");
 return false;
 }
 if ((document.editprofile2.password.value.length > 20) ||
(document.editprofile2.password.value.length < 5))
 {

 alert("Password should be of 5-20 characters.");
 document.editprofile2.password.value="";
 return false;
 }
 if ((document.editprofile2.repassword.value.length > 20) ||
(document.editprofile2.repassword.value.length < 5))
 {
 alert("Password should be of 5-20 characters.");
 document.editprofile2.repassword.value="";
 return false;
 }
 if ((document.editprofile2.username.value.length > 20) ||
(document.editprofile2.username.length < 5))
 {
 alert("Username should be of 5-20 characters.");
 document.editprofile2.username.value="";
 return false;
 }
 if ((document.editprofile2.password.value) !=
(document.editprofile2.repassword.value))
 {
 alert("Passwords do not match.");
 document.editprofile2.password.value="";
 document.editprofile2.repassword.value="";
 return false;
 }
 if (document.editprofile2.emailaddress.value.length > 0)
 {
 i=document.editprofile2.emailaddress.value.indexOf("@");
 j=document.editprofile2.emailaddress.value.indexOf(".",i);
 k=document.editprofile2.emailaddress.value.indexOf(",");
 kk=document.editprofile2.emailaddress.value.indexOf("
");

jj=document.editprofile2.emailaddress.value.lastIndexOf(".
")+1;
 len=document.editprofile2.emailaddress.value.length;
 if ((i>0) && (j>(1+1)) && (k==-1) && (kk==-1) && (len-jj
>=2) && (len-jj<=3))
 {
 }
 else
 {
            alert("Please enter a valid email address. " +
document.editprofile2.emailaddress.value + " is invalid.");
            document.editprofile2.emailaddress.value="";
            return false;
 }
 }

document.editprofile2.action = "editprofile_sysad2.php";
document.editprofile2.submit();
return true;
}

function reservetimeslot()
{
if
(document.reserve_timeslot.hcardnumber.value.length==0
)
 {
 alert("Please fill out field for health card number.");
 return false;
 }
 if
(eval("Number(document.reserve_timeslot.hcardnumber.va
lue)").toString() == 'NaN')
 {
 alert("Please enter the health card number continuously
and in numeric form. Exclude spaces and any characters
alike. e.g. 12345678");
 document.reserve_timeslot.hcardnumber.value="";
 return false;
 }


document.reserve_timeslot.action =
"reserve_availabletimeslot2.php";
document.reserve_timeslot.submit();
return true;
}
```

```
function signupaccount()
{
 if (document.signup.firstname.value.length==0 ||
document.signup.lastname.value.length==0 ||
document.signup.emailaddress.value.length==0 ||
document.signup.username.value.length==0 ||
document.signup.password.value.length==0 ||
document.signup.repassword.value.length==0)
{
  alert("Fields with asterisk and required to be filled out.");
  return false;
}
if(document.signup.mbphonenumber.value.length != 0)
{
 if
(eval("Number(document.signup.mbphonenumber.value)").
toString() == 'NaN')
 {
          alert("Please enter the mobile phone number
continuously and in numeric form. Exclude spaces and any
characters alike. e.g. 9224853172");
          document.signup.mbphonenumber.value="";
          return false;
 }
 if ((document.signup.mbphonenumber.value.length < 10)
|| (document.signup.mbphonenumber.value.length > 10))
 {
          alert("Mobile phone number should have 10
digits.");
          document.signup.mbphonenumber.value="";
          return false;
 }
}
if ((document.signup.password.value.length > 20) ||
(document.signup.password.value.length < 5))
{
 alert("Password should be of 5-20 characters.");
 document.signup.password.value="";
 return false;
}
if ((document.signup.repassword.value.length > 20) ||
(document.signup.repassword.value.length < 5))
{
 alert("Password should be of 5-20 characters.");
 document.signup.repassword.value="";
 return false;
}
if ((document.signup.username.value.length > 20) ||
(document.signup.username.length < 5))
{
 alert("Username should be of 5-20 characters.");
 document.signup.username.value="";
 return false;
}
if ((document.signup.password.value) !=
(document.signup.repassword.value))
{
 alert("Passwords do not match.");
 document.signup.password.value="";
 document.signup.repassword.value="";
 return false;
}
if (document.signup.emailaddress.value.length > 0)
{
 i=document.signup.emailaddress.value.indexOf("@");
 j=document.signup.emailaddress.value.indexOf(".",i);
 k=document.signup.emailaddress.value.indexOf(",");
 kk=document.signup.emailaddress.value.indexOf(" ");
 jj=document.signup.emailaddress.value.lastIndexOf(".")
+1;
 len=document.signup.emailaddress.value.length;
 if ((i>0) && (j>(1+1)) && (k==-1) && (kk==-1) && (len-jj
>=2) && (len-jj<=3))
 {
 }
 else
 {
          alert("Please enter a valid email address. " +
document.signup.emailaddress.value + " is invalid.");
          document.signup.emailaddress.value="";
          return false;
```

```
 }
}

document.signup.action = "signup2.php";
document.signup.submit();
return true;
}

function signup_r()
{
 if (document.sign_up.firstname.value.length==0 ||
document.sign_up.lastname.value.length==0 ||
document.sign_up.emailaddress.value.length==0 ||
document.sign_up.mbphonenumber.value.length==0 ||
document.sign_up.username.value.length==0 ||
document.sign_up.password.value.length==0 ||
document.sign_up.repassword.value.length==0)
{
  alert("Fields with asterisk and required to be filled out.");
  return false;
}
if
(eval("Number(document.sign_up.mbphonenumber.value)"
).toString() == 'NaN')
{
  alert("Please enter the mobile phone number continuously
and in numeric form. Exclude spaces and any characters
alike. e.g. 9224853172");
  document.sign_up.mbphonenumber.value="";
  return false;
}
if ((document.sign_up.mbphonenumber.value.length < 10)
|| (document.sign_up.mbphonenumber.value.length > 10))
{
  alert("Mobile phone number should have 10 digits.");
  document.sign_up.mbphonenumber.value="";
  return false;
}
if ((document.sign_up.password.value.length > 20) ||
(document.sign_up.password.value.length < 5))
{
  alert("Password should be of 5-20 characters.");
  document.sign_up.password.value="";
  return false;
}
if ((document.sign_up.repassword.value.length > 20) ||
(document.sign_up.repassword.value.length < 5))
{
  alert("Password should be of 5-20 characters.");
  document.sign_up.repassword.value="";
  return false;
}
if ((document.sign_up.username.value.length > 20) ||
(document.sign_up.username.length < 5))
{
  alert("Username should be of 5-20 characters.");
  document.sign_up.username.value="";
  return false;
}
if ((document.sign_up.password.value) !=
(document.sign_up.repassword.value))
{
  alert("Passwords do not match.");
  document.sign_up.password.value="";
  document.sign_up.repassword.value="";
  return false;
}
if (document.sign_up.emailaddress.value.length > 0)
{
  i=document.sign_up.emailaddress.value.indexOf("@");
  j=document.sign_up.emailaddress.value.indexOf(".",i);
  k=document.sign_up.emailaddress.value.indexOf(",");
  kk=document.sign_up.emailaddress.value.indexOf(" ");
  jj=document.sign_up.emailaddress.value.lastIndexOf(".")
+1;
  len=document.sign_up.emailaddress.value.length;
  if ((i>0) && (j>(1+1)) && (k==-1) && (kk==-1) && (len-jj
>=2) && (len-jj<=3))
  {
  }
  else
  {
```

```
        alert("Please enter a valid email address. " +
document.sign_up.emailaddress.value + " is invalid.");
            document.sign_up.emailaddress.value="";
            return false;
  }
}
document.sign_up.action = "signup2.php";
document.sign_up.submit();
return true;
}
```

arrays.php

```
<?
/*
arrays.php

arrays that were generally used throughout the system
*/

$tcodes = array('01', '02', '03', '04', '05', '06', '07', '08',
'09', '10', '11', '12', '13', '14', '15', '16', '17', '18', '19', '20',
'21', '22');

$specl_array = array('allergology', 'anatomical pathology',
'andrology', 'anesthesiology', 'angiology', 'anti-aging',
'aviation medicine', 'bariatrics', 'cardiology', 'child and
adolescent psychiatry', 'dermatology', 'diabetology', 'diving
medicine', 'emergency medicine', 'endocrinology',
'epidemiology', 'fertility medicine', 'gastroenterology',
'general medicine', 'geriatrics', 'gerontology', 'gynecology',
'hematology', 'hepatology', 'immunology', 'infectious
diseases', 'intensive care medicine', 'lymphology', 'medical
genetics', 'military medicine', 'nephrology', 'neurology',
'nuclear medicine', 'obstetrics', 'oncology', 'ophthalmology',
'osteology', 'otolaryngology', 'paleopathology', 'palliative
medicine', 'parasitology', 'pathology', 'pediatrics', 'podiatry',
'proctology', 'psychiatry', 'pulmonology', 'radiation
oncology', 'radiology', 'rehabilitation medicine',
'rheumatology', 'serology', 'sports medicine', 'toxicology',
'transfusion medicine', 'transplantation medicine',
'traumatology', 'urology');
?>
```

convertmon.php

```
<?
if($mon == "01")
{
 $mon = "1";
}
if($mon == "02")
{
 $mon = "2";
}
if($mon == "03")
{
 $mon = "3";
}
if($mon == "04")
{
 $mon = "4";
}
if($mon == "05")
{
 $mon = "5";
}
if($mon == "06")
{
 $mon = "6";
}
if($mon == "07")
{
 $mon = "7";
}
if($mon == "08")
{
 $mon = "8";
}
if($mon == "09")
```

```
{
 $mon = "9";
}
if($mon == "10")
{
 $mon = "10";
}
if($mon == "11")
{
 $mon = "11";
}
if($mon == "12")
{
 $mon = "12";
}
?>
```

convertmonth.php

```
<?
if($month == "January")
{
 $mon = "01";
}
if($month == "February")
{
 $mon = "02";
}
if($month == "March")
{
 $mon = "03";
}
if($month == "April")
{
 $mon = "04";
}
if($month == "May")
{
 $mon = "05";
}
if($month == "June")
{
 $mon = "06";
}
if($month == "July")
{
 $mon = "07";
}
if($month == "August")
{
 $mon = "08";
}
if($month == "September")
{
 $mon = "09";
}
if($month == "October")
{
 $mon = "10";
}
if($month == "November")
{
 $mon = "11";
}
if($month == "December")
{
 $mon = "12";
}
?>
```

dbaseconnect.php

```
<?
/*
dbaseconnect.php

used to connect to the database
*/

$dbaseconnect = mysql_connect('localhost', 'root', '');
```

```php
mysql_select_db("ohcmars", $dbaseconnect);

if (!$dbaseconnect)
{
echo "Cannot connect to database.";
exit;
}
?>
```

random_codegen.php

```php
<?
/*
random_codegen.php

used in generating a 7-character
code for eacn new entry in the database.
*/

$random_id_length = 7;
                    //generate a random id encrypt it and
store it in $code
$code = crypt(uniqid(rand(),1));
                    //to remove any slashes that might
have come
$code = strip_tags(stripslashes($code));
                    //Removing any . or / and reversing
the string
$code = str_replace(".","",$code);
$code = strrev(str_replace("/","",$code));
                    //finally take the first 5 characters
from the $reservecode
$code = substr($code,0,$random_id_length);

$random_id_length = 7;
                    //generate a random id encrypt it and
store it in $code
$code1 = crypt(uniqid(rand(),1));
                    //to remove any slashes that might
have come
$code1 = strip_tags(stripslashes($code1));
                    //Removing any . or / and reversing
the string
$code1 = str_replace(".","",$code1);
$code1 = strrev(str_replace("/","",$code1));
                    //finally take the first 5 characters
from the $reservecode
$code1 = substr($code1,0,$random_id_length);
?>
```

session.php

```php
<?
/*
session.php

used to start a session
*/

session_start();

include("../specialproject/_include/dbaseconnect.php");

if(isset($_SESSION["usercode"]))
{
$usercode = $_SESSION["usercode"];

$qry2 = "select * from system_ad where usercode =
'$usercode'";
$result2 = mysql_query($qry2, $dbaseconnect);
$numrows2 = mysql_num_rows($result2);
if($numrows2 != 0)
{
$usercode = "systemadministrator";
}
else
{
$qry = "select usercode from user where username =
'$username' and userstatus = 'active'";
$result = mysql_query($qry, $dbaseconnect);
```

```php
$numrows = mysql_num_rows($result);
if($numrows != 0)
{
        $urow = mysql_fetch_array($result);
        $usercode = $urow[usercode];
}
}
 }
  else
  {
$username = "guest";
$usercode = "guest";
  }
?>
```

ACKNOWLEDGEMENT

This is the moment I have long been waiting for, to see myself doing the "acknowledgement" part of my SP. Life has been very difficult the past few weeks. I don't intend to be emotional, it's just that I feel overwhelmed that I passed all those days of paranoia. I thought I won't be able to finish my SP with the time left but because of the people around me, who have been very supportive and encouraging, I made it, and with that, I am happy and really thankful.

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To my ever supportive SP adviser, Sir Philip Zamora, thank you sir for everything. If not because of this topic na ikaw din nagbigay, siguro hanggang ngayon wala pa rin akong SP. Thank you for all the time you've spent in checking my SP, the documents and program. Also to Dr. Vincent Magboo, thank you Doc, for helping me refine my SP documentation and for still giving me a chance to defend my work kahit naka-ilang pa-move na ako ng schedule. To all the other panelists, Ma'am Sheila, Sir Solano and Sir Chua, thank you for all the improvements you have suggested that enhanced my SP.

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Kathleen, yes, Kath, what am I going to do without you? You were always there for me whenever I need help. Instead of spending your free time doing activities that would benefit you in any way, you, most of the time, choose to be of service to a friend who is always in dire need of assistance. Pasensya na talaga sa lahat ng abala and thank you very much for being such a good and reliable friend. Salamat din sa pagpapahiram sa akin lagi ng pera at flash disk. You are simply the best!

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Emerald, this time, for helping me with my SP banner. Yes, I owe you one serving of Chef's Putanesca. I'll never forget that. You have a big contribution in my SP. Thank you very much for all the help you have extended.

To Revi, salamat sa lahat ng mga secrets. I am happy that you trust me. The way you regard me as a friend is really overwhelming. Carol, ikaw ang pinamakulit sa lahat, sobrang carefree. Needless to say, ikaw ang pinakamasayang tao na nakilala ko. Thank you for all the

laughs and funny moments we shared. And Analou, this time, sa lahat ng pagpapautang and of course, for the picture-picture sessions. Your digicam became the official camera of block 14, thank you for capturing our happy moments. To the rest of my "tropapeeps", Randy, Xanthe, Myk, Joel, Arlene, Aldrin, Richelle C. and Ruby, salamat for the friendship, sa lahat ng gimiks, sa lahat ng mga problemang ating napagdaanan at napagtagumpayan. I pray that we will all be successful in fulfilling our respective plans. You always say na iiwan ko na kayo. Yes. Pero ganun talaga ang buhay. This day, we meet. The next day, we become good friends. The day after next, we part ways. I may not be with you physically, but my loyalty and prayers will always be with you.

To the rest of the original Block 14 ComSci Class '03 – King, Mon, Patti, Krizelle, Me-ann, Jacky, Bobbie, Ray, our imports - Chona and Cyt, including also, those who have already transferred, Ben, Max, and others, I have learned a lot from all that we have been through as a block. I'll never forget all of you guys. You have made college life really memorable.

Warren and Geric, masaya ako at naging kaibigan ko kayo. Salamat sa lahat ng libre. ☺

Thank you also to my dormmates who never ran out of encouraging words during those times that I feel like giving up. To Ma'am Pinky.. for always reminding me that time is running out, and that I have to get going. To Tintin.. sa pagpapahiram sakin ng manual ng Intellicare at flash disk, thank you very much. The stories you share every time we eat together at the refectory makes me feel relaxed. And to Ate Myrna, thank you for supplying me with data through the MedServ manual. Ate Tonette, thank you for always giving me chocolates. Kay Ate Lou, Ate Bing, and Ate Charity, thank you for always being there to laugh at my "kababawan" and to listen to my complains. Masaya ako pag nakakasabay ko kayo sa pagkain. During mealtime at magkakasama tayong lahat, yun ang totoong SP break for me. ☺

To Ate Venus, malayo ka man sa akin, malapit ka pa rin sa puso ko. You are my prayer warrior. I can feel that your prayers are working on me. Thank you very much. I'll never forget all that you have taught me. To my Auntie Ging-ging also, salamat sa lahat ng dasal para sa akin.

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Richelle E. Argones