

UNIVERSITY OF NORTH TEXAS
COMPUTER SCIENCE DEPARTMENT

**CSCE 5350 FUNDAMENTALS OF
DATABASE SYSTEMS**

Project Group Number - 8

**ELECTRONIC HOSPITAL
MANAGEMENT SYSTEM**

Group Members

1. Naveen Kumar Ragam
2. Abhay Arora
3. Sai Meghana Gushidi
4. Jai Srinadh Kalluri
5. Prathyusha Yanala
6. Swathi Surikanti
7. Subramanyam Prasad Sonti

Project Description:

The electronic Hospital Management system is an organized computerized application that is developed and configured to handle day-to-day hospital operations and management. This system comprises patient registration, their data storage in the system, as well as automated billing in the pharmacy and labs for tests assigned by doctors to them. The program may assign each patient a unique identifier and automatically save the patient's and staff's (Doctor, Nurse, Lab Technician, Accountant) information. A username and password are required to access the Hospital Management System and an administrator has access to modify those data in the Hospital database. Patients can log in and make an appointment with the Doctor choosing the appropriate specialty of the Doctor for their treatment. Doctors can view and manage the appointment according to their schedule and update the data required for patient treatment and can assign the various tests required for the patients to identify the patient condition. The lab technician can be able to view the various tests assigned by Doctors to the patients and can act accordingly. It's designed for multispecialty hospitals and covers a wide range of administrative and management tasks. It is a completely integrated end-to-end hospital management system that effortlessly transmits crucial information across the hospital to aid successful decisionmaking for patient care, hospital administration, and vital financial accounting, as well as ensuring a glitch-free experience for patients.

Tools and Technologies used:

Technologies & Frameworks:

- PHP, HTML, CSS, AJAX, BOOTSTRAP, MySQL and JavaScript

Tools & Utilities:

- Visual Studio Code and XAMPP

Installation and Deploying of the Project:

Steps involved in Deployment:

1. Install Xampp software to act as a local host and a server.
2. Install Visual Studio Code you can use it to run the project in the Terminal and correct errors displayed in the Output Area

Steps involved in Running the Application:

1. Download the Zip file
2. Extract the files to the htdocs folder located in Xampp which resides in the C drive.
3. Head over to Xampp software and start Apache and MySQL modules services.
4. Create a hospital database and import the SQL file into the database folder.
5. Run the below localhost script by placing it in any of your browsers.
<http://localhost/FDB/UntFdbProjectEHMS2022/Source%20Code/Front-End/VIEW/HTML/index.php>

Navigation Menu:

About Us: Displays Hospital Information and its Staff Demographical data.

Contact Info: Provides the privilege to connect with Hospital Management by Sharing information to contact.

Register: It accommodates a new screen for the registration by taking some Information.

Log In: It redirects to the new screen where you have the privilege to log in to different dashboards as per the type of the user.

Home Page:



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On the Home page, the user (patient) who utilizes this application can navigate to Register to get registration, can navigate to different screens through contact info and About Us links, Log in to different dashboards and perform different tasks such as making appointments, managing patient's information, etc.

About Us page:

The screenshot shows the 'About Us' page of the 'Electronic Hospital Management System'. At the top, there's a logo icon, the system name, and navigation links for 'Contact Info', 'Register', and 'Log In'. Below the header, a section titled 'About Electronic Hospital Management System' contains text about the hospital's size and services, followed by a bulleted list of statistics. To the right of this text is a 'Parking & Transportation' section with a link to a map. Below the text are four images: a modern hospital building, a hallway with medical staff, a patient being examined, and a close-up of a medical professional's hands.

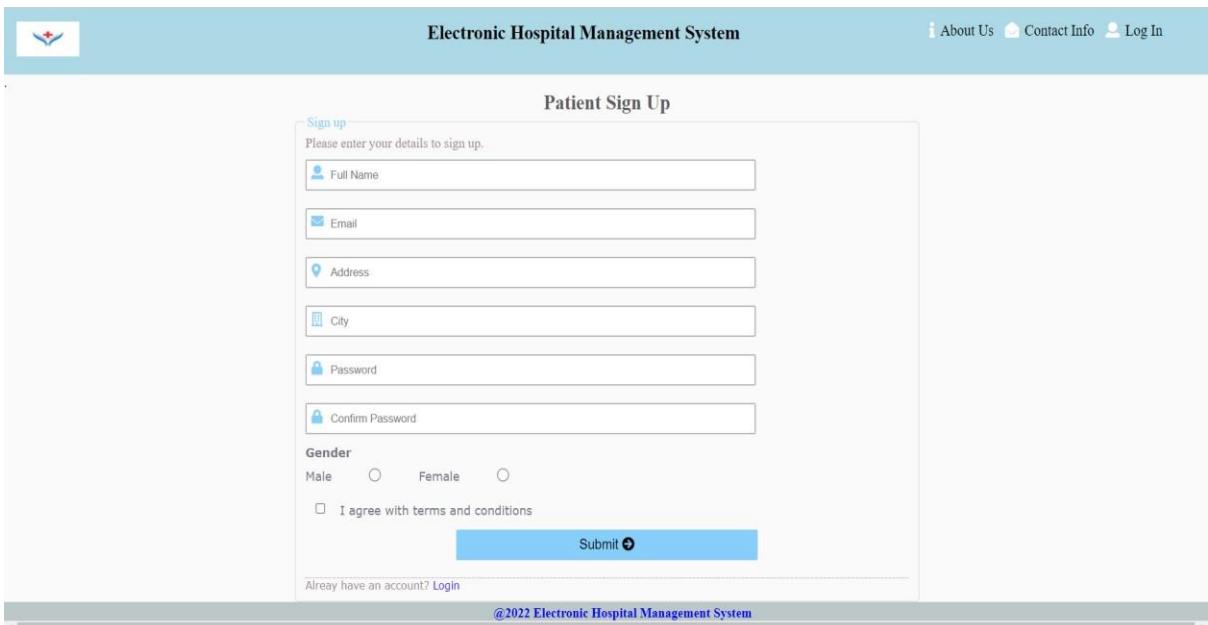
About Us, the page provides the information relevant to the Hospital and its staff i.e. How many active Physicians, Nurses are available, parking and transportation details, etc.

Contact Info Page:

The screenshot shows the 'Contact Us' page of the 'Electronic Hospital Management System'. At the top, there's a logo icon, the system name, and navigation links for 'About Us', 'Register', and 'Log In'. The main form area is titled 'Contact Us:' and includes fields for 'Name', 'Phone', and 'Email', each with a corresponding icon. Below these is a large text input field labeled 'Type your message here'. At the bottom of the form is a blue 'Send' button with a circular arrow icon. A copyright notice at the bottom of the page reads '@2022 Electronic Hospital Management System'.

Contact info page prompts the Name, Phone, Email, and Message they want to write from the user. So, that Management can view those and answer their queries.

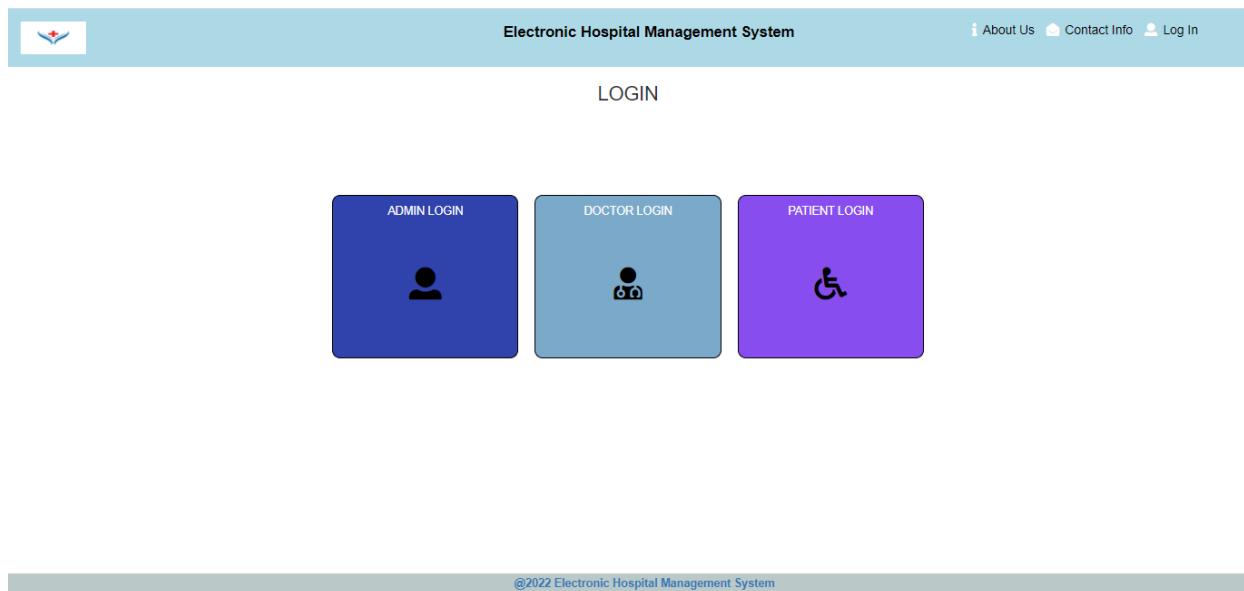
Patient Sign up Page:



The screenshot shows the 'Patient Sign Up' page of the Electronic Hospital Management System. At the top, there's a logo of a heart with wings. The title 'Electronic Hospital Management System' is centered above the form. On the right, there are links for 'About Us', 'Contact Info', and 'Log In'. The main form has a light gray background with a white input area. It starts with a 'Sign up' section asking for details to sign up. Below that are five input fields: 'Full Name' (with a person icon), 'Email' (with an envelope icon), 'Address' (with a location pin icon), 'City' (with a city building icon), and 'Password' (with a lock icon). There's also a 'Confirm Password' field. Underneath these fields is a 'Gender' section with 'Male' and 'Female' radio buttons. A checkbox labeled 'I agree with terms and conditions' is present, followed by a 'Submit' button with a circular arrow icon. At the bottom left, there's a link 'Already have an account? Login'.

The patient Sign up page is directed by the register link from the Home page where the patient will have the privilege to do registration for the first time and can access the application relentlessly to perform their tasks.

Log in Page:



The screenshot shows the 'LOGIN' page of the Electronic Hospital Management System. The top navigation bar includes a logo, the title 'Electronic Hospital Management System', and links for 'About Us', 'Contact Info', and 'Log In'. Below the title, the word 'LOGIN' is centered. The page features three large, rounded rectangular buttons arranged horizontally. The first button is dark blue with the text 'ADMIN LOGIN' and a user icon. The second button is light blue with the text 'DOCTOR LOGIN' and a user icon. The third button is purple with the text 'PATIENT LOGIN' and a wheelchair accessibility icon. At the very bottom, there's a footer bar with the text '@2022 Electronic Hospital Management System'.

Login link from Home Page directs Login Page accommodate the facility to log in different login for the type or role of the user for accessing respective dashboard and perform their tasks.

Admin Login Page:

The screenshot shows the 'Admin Login' page of the 'Electronic Hospital Management System'. At the top, there is a logo of a stylized bird or wings. The title 'Electronic Hospital Management System' is centered above the login form. To the right, there are links for 'About Us', 'Contact Info', and 'Log In'. The main form is titled 'Admin Login' and contains a sub-instruction 'Sign into your account' followed by a placeholder 'Please enter your email and password to log in.'. It features two input fields: one for 'Email' with a user icon and another for 'Password' with a lock icon. Below these is a blue 'Login' button with a circular arrow icon. At the bottom of the page, a footer bar displays the copyright notice '@2022 Electronic Hospital Management System'.

Admin login is where the admin i.e. Hospital Management staff can log in using their username or email along with password and can access their dashboard.

Patient Login Page:

The screenshot shows the 'Patient Login' page of the 'Electronic Hospital Management System'. The layout is identical to the Admin Login page, featuring a logo at the top left, the system title in the center, and navigation links on the top right. The main form is titled 'Patient Login' and includes the same 'Sign into your account' instructions and input fields for 'Patient ID' and 'Password'. It also includes a 'Forgot Password?' link and a 'Login' button. A note at the bottom encourages users without an account to 'Create an account'. The footer at the bottom of the page includes the copyright notice '@2022 Electronic Hospital Management System'.

The patient Login page is directed when the patient navigates to the Patient Login of the Login Page. They can be logged in to the application by providing a Patient ID and password.

Doctor Login Page:

The screenshot shows the 'Doctor Login' page of the 'Electronic Hospital Management System'. At the top, there is a logo of a stylized bird or wings. To the right of the logo, the system name is displayed. On the far right, there are links for 'About Us', 'Contact Info', and 'Log In'. Below the header, the page title 'Doctor Login' is centered. A sub-instruction 'Sign into your account' is followed by a message 'Please enter your Doctor ID and password to log in.' There are two input fields: one for 'Doctor ID' with a placeholder icon of a doctor's head and another for 'Password' with a placeholder icon of a lock. Below these fields is a link 'Forgot Password?'. At the bottom of the form is a blue 'Login' button with a circular arrow icon. The footer of the page contains the copyright notice '@2022 Electronic Hospital Management System'.

Doctor Login page is directed from the Login page where doctors provide their ID and password to access the application and can perform tasks such as managing appointments, Patient Visits, etc.

Admin Dashboard:

The screenshot shows the 'Admin | Dashboard' page of the 'Electronic Hospital Management System'. At the top, there is a header bar with the system name, a menu icon, user status indicators (0 messages, 0 notifications), the current user ('Admin'), and a 'LOGOUT' button. The main dashboard area has six data cards arranged in a 2x3 grid. Each card has a light blue header and a white body. The first row contains three cards: 'DOCTORS' (2), 'NURSES' (1), and 'PATIENTS' (3). The second row contains three cards: 'LAB TECHNICIAN' (1), 'MEDICINE' (2), and 'PAYMENT' (1). Each card includes a 'VIEW MORE' link at the bottom. The footer of the page contains the copyright notice '@2022 Electronic Hospital Management System'.

Admin Dashboard is accessible to the Hospital Management (Admin) where they can have access to view and update the data of Patients, Nurses, Doctors, Lab technicians, Medicine, and Payments.

The screenshot shows the Admin | Dashboard page. On the left is a vertical sidebar menu with categories like Doctors, Nurses, Accountant, Pharmacist, Lab Technician, Patients, and Enquiries, each with sub-options. The main area displays four summary boxes:

- DOCTORS: 2 (VIEW MORE)
- NURSES: 1 (VIEW MORE)
- LAB TECHNICIAN: 1 (VIEW MORE)
- MEDICINE: 2 (VIEW MORE)

At the bottom, a footer bar reads "@2022 Electronic Hospital Management System".

This Dashboard has a menu item to manage various tasks where the admin can perform updating the Doctor, Nurses, Patients, etc. existing data and also add new records to their respective tables.

The screenshot shows the Patients | Appointment History page. At the top, there's a header with a logo and the text "Electronic Hospital Management System". The main content area is titled "Patients | Appointment History". Below the title is a table with the following data:

| # | Patient Email | Doctor Name | Specialization | Appointment Creation Date | Appointment Date | Appointment Time | Action |
|---|-------------------|-------------|----------------|---------------------------|------------------|------------------|----------|
| 1 | patient@gmail.com | XYZ | Dermatologist | 25-April-2022 | 28-April-2022 | 18:21 | Approved |

At the bottom, a footer bar reads "@2022 Electronic Hospital Management System".

On click of Notifications, the Appointment history page will be visible to the admin i.e. Hospital Management.

The screenshot shows the 'Patients | FeedBack' section of the system. At the top, there is a navigation bar with a logo, the text 'Electronic Hospital Management System', and user status indicators (Admin, LOGOUT). Below the navigation bar, a table displays patient feedback data:

| # | User | Rate | Services | Complains | Suggestion | Send Date | Delete |
|---|----------------|------|----------|-----------|--------------------|---------------------------|--------|
| 1 | megh@gmail.com | Fair | Best | No | good site | 31-March-2022 11:30:17 am | X |
| 2 | user@gmail.com | Fair | Best | No | Need more features | 17-March-2022 03:50:57 pm | X |

When Admin clicks the queries, the Patient queries page will be visible to the Admin.

The screenshot shows the 'Admin | Add Doctor' page. At the top, there is a navigation bar with a logo, the text 'Electronic Hospital Management System', and user status indicators (Admin, LOGOUT). Below the navigation bar, the page title 'Admin | Add Doctor' is displayed. The main content area contains a form titled 'Add Doctor' with fields for Name, Email, Select Specialization (dropdown menu), Phone, Password, and Confirm Password. A 'Save' button is located at the bottom right of the form.

On click of Add Doctor present under doctors in the side Navigation menu. Add Doctor page will be visible to the admin so that add new doctor by providing the information related to Doctor.

The screenshot shows the 'Admin | Manage Doctors' page. At the top, there's a header with the system logo and name 'Electronic Hospital Management System'. To the right are notification icons for messages (0) and notifications (+0), the user 'Admin' with a profile icon, and a 'LOGOUT' button. Below the header, the title 'Admin | Manage Doctors' is displayed. A table lists one doctor entry:

| # | Name | Email | Specialization | Phone | Entry date | Action |
|---|------------|----------------------|----------------|------------|------------|--------|
| 1 | Jaisrinadh | jaisrinadh@gmail.com | Dermatologist | 0728262277 | 19-04-2222 | |

At the bottom of the page is a footer bar with the text '@2022 Electronic Hospital Management System'.

Admin will be able to see the Manage Doctors screen by navigating to the Manage Doctors menu item under the Doctors section in the sidebar of the Admin Dashboard.

The screenshot shows the 'Admin | Add Nurse' page. The header and navigation are identical to the Manage Doctors screen. The main content area contains a form titled 'Add Nurse' with fields for Name, Email, Select Specialization (with a dropdown menu), Phone, Password, and Confirm Password. A 'Save' button is at the bottom of the form. The footer bar at the bottom has the text '@2022 Electronic Hospital Management System'.

On click of Add Nurse present under Nurses in the side Navigation menu. Add Nurse page will be visible to the Admin so that add new doctor by providing the information related to Nurse.

| # | Name | Email | Specialization | Phone | Entry date | Action |
|---|-------|-----------------|----------------|-------------|------------|--------|
| 1 | Liam | liam@gmail.com | Dermatologist | 09803428976 | 15-01-2222 | |
| 2 | Mario | mario@gmail.com | Orthopaedic | 09408974563 | 19-03-2222 | |

Admin will be able to see the Manage Nurses screen by navigating to the Manage Nurses menu item under the Nurses section in the sidebar of Admin Dashboard.

Add Cashier

Name:

Email:

Phone:

Password:

Confirm Password:

Save

On click of Add Cashier present under Accountant in the side Navigation menu. Add Accountant page will be visible to the Admin so that add new doctor by providing the information related to Accountant.

| # | Name | Email | Phone | Entry date | Action |
|---|---------|-------------------|------------|------------|--------|
| 1 | MELISSA | melissa@gmail.com | 0797876336 | 17-02-2222 | |

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Admin will be able to see the Manage Accountant screen by navigating to the Manage Accountant menu item under the Accountant section in the sidebar of Admin Dashboard.

| # | Name | Email | Send date | Amount | Due Amount | Status |
|----|----------------|-------------------------|---------------|--------|------------|----------|
| 1 | Sameer Han | sameer@gmail.com | 20-March-2022 | 5700 | 0 | Paid |
| 2 | Jolly Babn | jollybabn@gmail.com | 21-March-2022 | 4700 | 0 | Paid |
| 3 | Sai Pathak | saipathak@gmail.com | 26-March-2022 | 5200 | 0 | Paid |
| 4 | Victoria Jamin | victoria@gmail.com | 27-March-2022 | 3000 | 0 | Paid |
| 5 | Kamusa Sami | kamusa12@gmail.com | 27-March-2022 | 4090 | 0 | Paid |
| 6 | Coreeta Harris | coretaharris@gmail.com | 27-March-2022 | 4000 | 3100 | Not Paid |
| 7 | dariene Mund | darienemund@gmail.com | 27-March-2022 | 5300 | 0 | Paid |
| 8 | Roxie Galyean | roxiegalyean@gmail.com | 28-March-2022 | 7700 | 800 | Not Paid |
| 9 | Melida Wailers | melidawailers@gmail.com | 17-March-2022 | 5700 | 0 | Not Paid |
| 10 | Minta Lofton | mintalofton@gmail.com | 28-March-2022 | 4700 | 0 | Not Paid |

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Admin will be able to see the Manage Accounts screen by navigating to the Manage Accounts menu item under the Accountant section in the sidebar of the Admin Dashboard.

The screenshot shows the 'Add Pharmacist' form within the Admin dashboard. The form contains fields for Name, Email, Phone, Password, and Confirm Password. A 'Save' button is at the bottom. The top navigation bar includes a logo, the system name, and user status indicators.

Add Pharmacist

Name

Email

Phone

Password

Confirm Password

Save

On click of Add Pharmacist present under Pharmacist in the side Navigation menu. Add Pharmacist page will be visible to the Admin so that add new doctor by providing the information related to Pharmacist.

The screenshot shows the 'Manage Pharmacist' list. It displays a single record with columns for #, Name, Email, Phone, Entry date, and Action. The entry is for Navab Han with email navabhan@gmail.com, phone 8563214795, and entry date 21-03-2222. An edit and delete icon is in the Action column.

| # | Name | Email | Phone | Entry date | Action |
|---|-----------|--------------------|------------|------------|--------|
| 1 | Navab Han | navabhan@gmail.com | 8563214795 | 21-03-2222 | |

Admin will be able to see the Manage Pharmacist screen by navigating to the Manage Pharmacist menu item under the Pharmacist section in the sidebar of Admin Dashboard.

Electronic Hospital Management System

Admin | Add Lab Technician

Add Lab Technician

Name

Email

Phone

Password

Confirm Password

Save

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On click of Add Lab Technician present under Lab Technician in the side Navigation menu. Add Lab Technician page will be visible to the Admin so that add new doctor by providing the information related to Lab Technician.

Electronic Hospital Management System

Admin | Manage Lab Technician

| # | Name | Email | Phone | Entry date | Action |
|---|-------------|----------------------|-------------|------------|--------|
| 1 | Sam Johnson | samjohnson@gmail.com | 09803428976 | 15-01-2222 | |

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Admin will be able to see Manage Lab Technician screen by navigating to the Manage Lab Technician menu item under the Lab Technician section in the sidebar of the Admin Dashboard.

Admin | Add Patients

Add Patients

Full Name

Phone

Email

City

Address

dd-mm-yyyy

Gender
Male Female

Save

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On click of Add Patients present under Accountant in the side Navigation menu. Add Patients page will be visible to the Admin so that add new doctors by providing the information related to Patients.

Admin | Manage Patients

| # | Name | Phone | Email | City | Address | D.o.b | Date | Gender | View |
|---|--------------|-------------|-----------------------|----------|---------------------|------------------|------------|--------|------|
| 1 | AnderCashev | 09934517894 | andercashew@gmail.com | DENTON | 665-BERNARD STREET | 15-October-2009 | 2022-01-15 | Female | |
| 2 | Robin Albert | 05735649871 | robin@gmail.com | PLANO | 146-MCKINNEYSTREET | 13-December-2007 | 2022-03-23 | Male | |
| 3 | Williams | 09407864352 | williams@gmail.com | MCKINNEY | 204-WEST UNIVERSITY | 15-March-1999 | 2022-04-15 | Male | |
| 4 | Joseph | 08976285354 | joseph@gmail.com | FRISCO | 209-ROBIN STREET | 22-October-2005 | 2022-04-15 | Male | |
| 5 | Asifa | 08971235397 | asifa@gmail.com | DENTON | 101-AvenueA | 17-February-1996 | 2022-02-15 | Female | |
| 6 | Renney | 09083879241 | renney@gmail.com | DALLAS | 908-PARKER STREET | 12-October-1980 | 2022-03-09 | Female | |
| 7 | Marin | 04316785465 | marin@gmail.com | IRVING | 506-SEPHIN STREET | 27-May-2020 | 2022-03-25 | Male | |
| 8 | Sedrick | 09087564389 | sedrick@gmail.com | DENTON | 256-CHROMICK STREET | 23-May-1998 | 2022-04-13 | Male | |

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Admin will be able to see the Manage Patients screen by navigating to the Manage patient menu item under the Patients section in the sidebar of the Admin Dashboard.

Electronic Hospital Management System

0 Admin LOGOUT

Patients | Appointment History

| # | Patient Email | Doctor Name | Specialization | Appointment Creation Date | Appointment Date | Appointment Time | Action |
|---|--------------------|-------------|------------------|---------------------------|------------------|------------------|----------|
| 1 | Joseph@gmail.com | Jaisrinadh | Clinical Officer | 21-April-2022 | 22-April-2022 | 10:55 | Approved |
| 2 | Williams@gmail.com | Jaisrinadh | Dermatologist | 27-March-2022 | 28-March-2022 | 15:12 | Approved |

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Admin will see the Appointment History screen by navigating to the Appointment History menu item under the Patients section in the sidebar of the Admin Dashboard.

Electronic Hospital Management System

0 Admin LOGOUT

Patients | FeedBack

| # | User | Rate | Services | Complains | Suggestion | Send Date | Delete |
|----|--------------------|------|----------|-----------|----------------|---------------------------|--------|
| 1 | chandram@gmail.com | Fair | Best | No | Not applicable | 22-April-2022 03:50:55 pm | X |
| 2 | manojch@gmail.com | Fair | Best | No | Not applicable | 19-April-2022 03:50:56 pm | X |
| 3 | naveeny@gmail.com | Fair | Best | No | Not applicable | 18-April-2022 03:50:56 pm | X |
| 4 | teenas@gmail.com | Fair | Best | No | Not applicable | 17-April-2022 03:50:55 pm | X |
| 5 | paulk@gmail.com | Fair | Best | No | Not applicable | 17-April-2022 03:50:55 pm | X |
| 6 | swathis@gmail | Fair | Best | No | Not applicable | 17-April-2022 03:50:54 pm | X |
| 7 | mehanag@gmail | Fair | Best | No | Not applicable | 17-April-2022 03:49:57 pm | X |
| 8 | amulyach@gmail.com | Fair | Best | No | Not applicable | 16-April-2022 03:50:56 pm | X |
| 9 | anurag@gmail.com | Fair | Best | No | Not applicable | 12-April-2022 03:50:57 pm | X |
| 10 | syamg@gmail | Fair | Best | No | Not applicable | 07-April-2022 03:50:54 pm | X |
| 11 | rana@gmail.com | Fair | Best | No | Not applicable | 31-March-2022 03:50:55 pm | X |
| 12 | subramanyams@gmail | Fair | Best | No | Not applicable | 31-March-2022 03:50:52 pm | X |
| 13 | hari@gmail.com | Fair | Best | No | Not applicable | 29-March-2022 03:50:57 pm | X |
| 14 | bharath@gmail.com | Fair | Best | No | Not applicable | 28-March-2022 03:50:57 pm | X |
| 15 | lejach@gmail.com | Fair | Best | No | Not applicable | 28-March-2022 03:50:56 pm | X |
| 16 | abhaya@gmail.com | Fair | Best | No | Not applicable | 27-March-2022 03:50:56 pm | X |
| 17 | sekhar@gmail | Fair | Best | No | Not applicable | 27-March-2022 03:50:55 pm | X |
| 18 | vishnum@gmail.com | Fair | Best | Nn | Not applicable | 26-March-2022 03:50:56 nm | X |

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Admin will see Feedback screen by navigating to Feedback menu item under inquiries section in the sidebar of Admin Dashboard.

The screenshot shows the 'Patients | Queries' page of the Electronic Hospital Management System. At the top, there is a header bar with the system logo, the text 'Electronic Hospital Management System', and user status indicators for messages and notifications. Below the header, the main content area displays a table of patient queries. The table has columns for ID, Name, Phone, Email, Message, Send Date, Status, and View or Delete. One query is listed:

| # | Name | Phone | Email | Message | Send Date | Status | View or Delete |
|---|--------|------------|-------------------|----------------------------------|---------------------------|--------|----------------|
| 1 | SWATHI | 0721692107 | swathis@gmail.com | do you offer ambulance services? | 21-April-2022 10:56:58 am | Seen | |

At the bottom of the page, a footer bar contains the copyright notice '@2022 Electronic Hospital Management System'.

Admin will see the Queries screen by navigating to the Queries menu item under the Inquiries section in the sidebar of the Admin Dashboard.

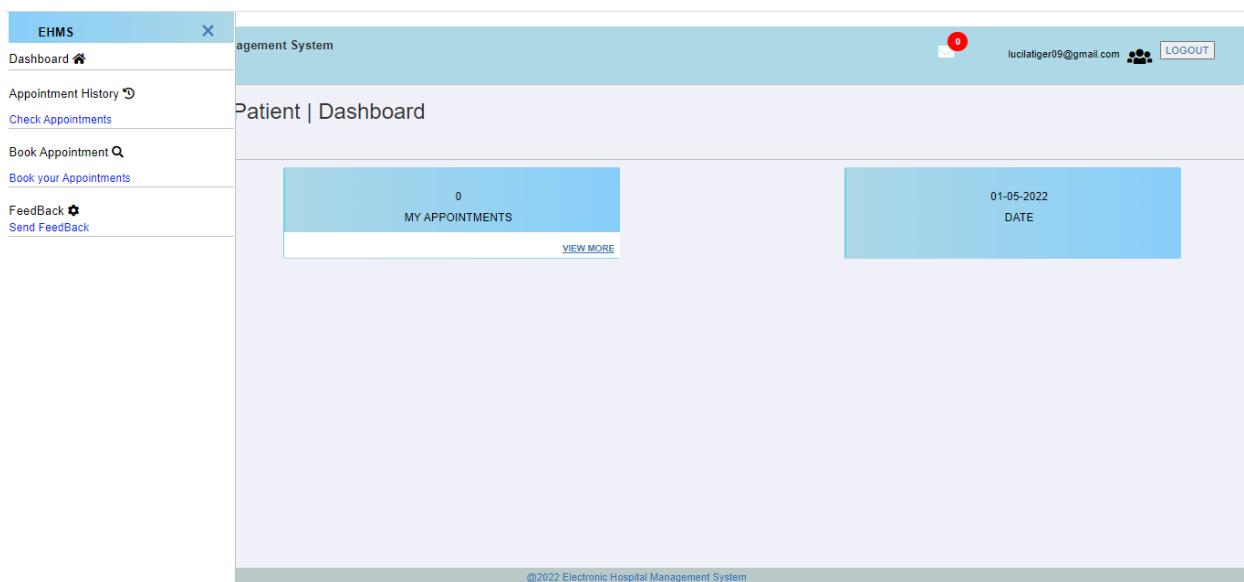
The screenshot shows the 'Admin | Change Password' page of the Electronic Hospital Management System. The page title is 'Change Password'. It features three input fields: 'Current Password', 'New Password', and 'Confirm New Password'. A blue 'Submit' button is located at the bottom right of the form. The background is light gray, and the overall layout is clean and modern.

On click of Change Password present under Settings in the side Navigation menu. Change Password page will be visible to the Admin so that they can update the new password.

Patient Dashboard:



This patient dashboard is accessible to the patient when he logged in to the application where he can view the appointment that patient made i.e. future and history of them.



There is a menu item available as a side bar on the dashboard of the patient where he can book an appointment and the history of the appointments that are made by that patient.

The screenshot shows the 'Appointment History' section of the system. At the top, there's a header bar with the logo and title 'Electronic Hospital Management System'. On the right side of the header, there are user profile icons and a 'LOGOUT' button. Below the header, the main content area has a title 'My | Appointment History'. Underneath the title is a table with the following data:

| # | Doctor Name | Specialization | Appointment Creation Date | Appointment Date | Appointment Time | Status |
|---|-------------|------------------|---------------------------|------------------|------------------|----------|
| 1 | Jaisrinhad | Clinical Officer | 21-April-2022 | 22-April-2022 | 10:55 | Approved |

At the bottom of the page, there's a footer bar with the copyright notice '@2022 Electronic Hospital Management System'.

Admin will see the Appointment History screen by navigating to the Check appointments menu item under the Appointment History section in the sidebar of Admin Dashboard.

The screenshot shows the 'Book Appointment' page. At the top, there's a header bar with the logo and title 'Electronic Hospital Management System'. On the right side of the header, there are user profile icons and a 'LOGOUT' button. Below the header, the main content area has a title 'Patient | Book Appointment'. Underneath the title is a form for booking an appointment:

Appointment - [lucilatiger09@gmail.com](#)

Doctor Specialization
Specialization

Doctor
Select Doctor

Consultation fees
1000

Date
dd-mm-yyyy

Time
--:--

Book

At the bottom of the page, there's a footer bar with the copyright notice '@2022 Electronic Hospital Management System'.

On click of the Book Appointment menu item present in the sidebar of Navigation, menu Patients will be directed to the Book Appointment page in which they can make appointments.

The screenshot shows the 'Patient | FeedBack' page. At the top, there's a navigation bar with the system logo and name 'Electronic Hospital Management System'. On the right side of the header, there's a user profile icon with a red notification badge showing '1', the email 'lucilatiger09@gmail.com', and a 'LOGOUT' button. The main content area has a purple header bar with the text 'Send us your feedback!'. Below it, there are several form fields: 'Rate our system' (dropdown menu showing '1'), 'How are our services' (dropdown menu showing 'Excellent'), 'Have you ever raised any complain?' (dropdown menu showing 'No'), and a large text area for suggestions. A blue 'Submit' button is at the bottom of the form.

On click of Send Feedback menu item present in the sidebar of Navigation, menu Feedback will be directed to the Patient Feedback page in which they can make appointments.

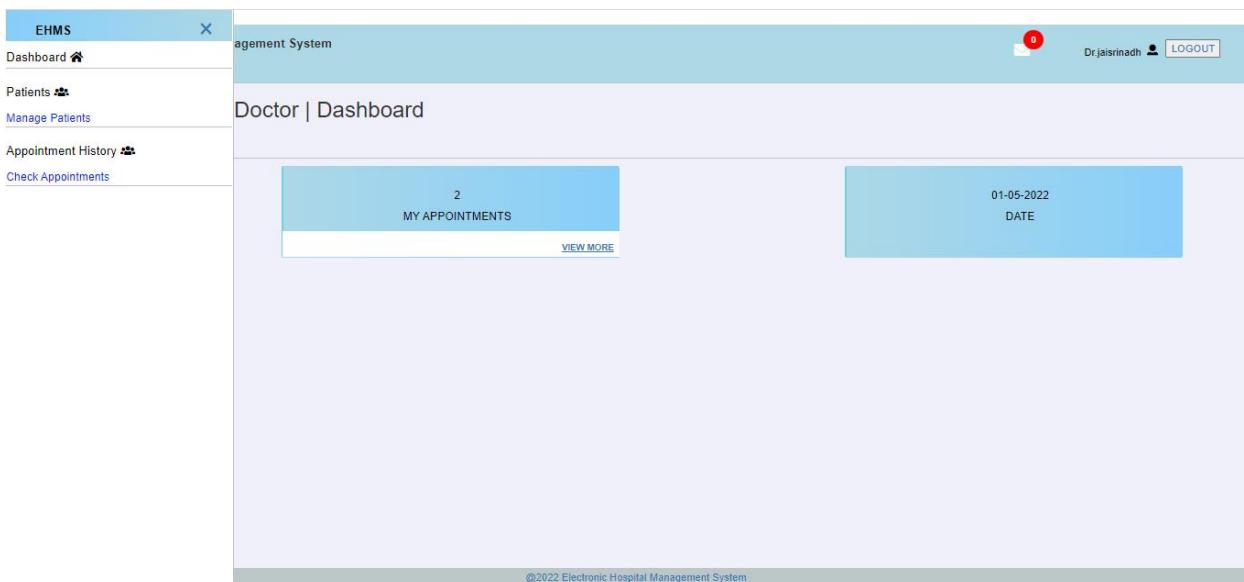
The screenshot shows the 'Patient | Change Password' page. The header is identical to the previous one, with the system logo, name, user profile, and 'LOGOUT' button. The main content area has a white header bar with the text 'Change Password'. Below it are three input fields: 'Current Password', 'New Password', and 'Confirm New Password', each preceded by a small lock icon. A blue 'Submit' button is at the bottom of the form.

On click of Change Password present under Settings in the side Navigation menu. Change Password page will be visible to the Patient so that they can update the new password.

Doctor Dashboard:



This Doctor dashboard is accessible to the Doctor when he logged in to the application where he can view the appointment that patients made with them i.e. future and history.



There is a menu item available as a sidebar in the dashboard of the Doctor where he can check the appointments that are made by patients and he can manage the patient regarding their consultation.

≡
Electronic Hospital Management System
 0
Dr.Jaisrinadh
LOGOUT

Doctor | Manage Patients

| # | Name | Phone | Email | City | Address | D.o.b | Registration date | Gender | Consultation/View |
|---|--------------|-------------|-----------------------|----------|---------------------|------------------|-------------------|--------|-------------------|
| 1 | AnderCashew | 09934517894 | andercashew@gmail.com | DENTON | 885-BERNARD STREET | 15-October-2009 | 15-January-2022 | Female | |
| 2 | Robin Albert | 05735649871 | robin@gmail.com | PLANO | 148-MCKINNEYSTREET | 13-December-2007 | 23-March-2022 | Male | |
| 3 | Williams | 09407804352 | williams@gmail.com | MCKINNEY | 204-WEST UNIVERSITY | 15-March-1999 | 15-April-2022 | Male | |
| 4 | Joseph | 08978285354 | joseph@gmail.com | FRISCO | 209-ROBIN STREET | 22-October-2005 | 15-April-2022 | Male | |
| 5 | Asifa | 08971235397 | asifa@gmail.com | DENTON | 101-AvenueA | 17-February-1996 | 15-February-2022 | Female | |
| 6 | Renney | 09083879241 | renney@gmail.com | DALLAS | 908-PARKER STREET | 12-October-1980 | 09-March-2022 | Female | |
| 7 | Mann | 04318785465 | mann@gmail.com | IRVING | 508-SEPHIN STREET | 27-May-2020 | 25-March-2022 | Male | |
| 8 | Sedrick | 09087564359 | sedrick@gmail.com | DENTON | 258-CHROMICK STREET | 23-May-1998 | 13-April-2022 | Male | |

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The doctor will be able to see the Manage Patients screen by navigating to the Manage patient's menu item under the Patients section in the sidebar of the Doctor Dashboard. So that he can be up to date with the consultation.

≡
Electronic Hospital Management System
 0
Dr.Jaisrinadh
LOGOUT

Doctor | Appointment History

| # | Patient Name | Appointment Creation Date | Appointment Date | Appointment Time | Status | Click to Approve/Not |
|---|------------------------|---------------------------|------------------|------------------|----------|----------------------|
| 1 | luolatiger09@gmail.com | 21-April-2022 | 22-April-2022 | 10:55 | Approved | |
| 2 | Williams@gmail.com | 27-March-2022 | 28-March-2022 | 15:12 | Approved | |

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On click of the Check Appointment menu item present under the Appointment History section Doctor will be able to see Appointment History Page.

The screenshot shows a web-based hospital management system. At the top, there is a header bar with the logo of a stylized bird and the text "Electronic Hospital Management System". On the right side of the header, there is a user profile icon with the name "Dr. alex mutua" and a "LOGOUT" button. A red notification badge with the number "0" is positioned above the user profile. The main content area has a light blue background and displays the title "Doctor | Change Password". Below the title is a form titled "Change Password" containing three input fields: "Current Password", "New Password", and "Confirm New Password", each preceded by a lock icon. A blue "Submit" button is located at the bottom right of the form. At the very bottom of the page, there is a small footer text: "©2022 Electronic Hospital Management System".

On click of Change Password present under Settings in the side Navigation menu. Change Password page will be visible to the Doctor so that they can update the new password.

Database CRUD Operations

Inserting doctors' data to doctor table.

Electronic Hospital Management System

Admin | Add Doctor

Add Doctor

Name: Ravikumar

Email: ravikumar@gmail.com

Specialization: Gynecologist

Phone: 9117458960

Password: *****

Confirm Password: *****

Save

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Data saved into table

Electronic Hospital Management System

Admin | Add Doctor

Add Doctor

Name: Name

Email: Email

Specialization: Select Specialization

Phone: Phone

Password: Password

Confirm Password: Confirm Password

Doctor ravikumar added successfully

Save

©2022 Electronic Hospital Management System

Table after successfully inserting data.

| # | Name | Email | Specialization | Phone | Entry date | Action |
|---|------------|----------------------|----------------|------------|------------|--------|
| 1 | RAVIKUMAR | ravikumar@gmail.com | Gynecologist | 9117458980 | 30-04-2222 | |
| 2 | Jaisrinadh | jaisrinadh@gmail.com | Dermatologist | 0728282277 | 19-04-2222 | |

Data updated in database.

| user_id | Avatar | Name | Email | Specialization | Phone | Entry_date | Password |
|---------|--------|------------|----------------------|----------------|------------|---------------------|----------------------------------|
| 0 | | RAVIKUMAR | ravikumar@gmail.com | Gynecologist | 9117458980 | 2022-04-30 21:15:37 | e10adc3949ba59abbe56e057f20f883e |
| 7 | | Jaisrinadh | jaisrinadh@gmail.com | Dermatologist | 0728282277 | 2022-04-19 10:20:07 | e10adc3949ba59abbe56e057f20f883e |

Modifying data in doctor table

Electronic Hospital Management System

Admin | Edit Doctor Details

Edit Doctor Info
jaisrinadh's Profile
Registration Date: 19-04-2222

jaisrinadh
jaisrinadh@gmail.com
Orthopaedic
0728262277

Update

@2022 Electronic Hospital Management System

After modifying doctor table

Electronic Hospital Management System

Admin | Manage Doctors

Doctor jaisrinadh details updated successfully

| # | Name | Email | Specialization | Phone | Entry date | Action |
|---|-------------|----------------------|----------------|------------|------------|--------|
| 1 | RAVIKUMAR | ravikumar@gmail.com | Gynecologist | 0117458960 | 30-04-2222 | |
| 2 | JAI SRINADH | jaisrinadh@gmail.com | Orthopaedic | 0728262277 | 19-04-2222 | |

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Data modified successfully in database.

The screenshot shows the phpMyAdmin interface for a MySQL database named 'hospital'. The left sidebar lists various tables under the 'New' category, including 'doctor' and 'table_doctor'. The main area displays the contents of the 'table_doctor' table. The table has columns: user_id, Avatar, Name, Email, Specialization, Phone, Entry_date, and Password. Two rows are present:

| | user_id | Avatar | Name | Email | Specialization | Phone | Entry_date | Password |
|---|---------|-------------|----------------------|--------------|----------------|---------------------|---------------------------------|----------|
| 1 | 0 | RAVIKUMAR | ravikumar@gmail.com | Gynecologist | 9117456960 | 2022-04-30 21:15:37 | e10adc3940ba59abbe56e057f20f83e | |
| 2 | 7 | JAI SRINADH | jaisrinadh@gmail.com | Orthopaedic | 0728262277 | 2022-04-19 10:20:07 | e10adc3940ba59abbe56e057f20f83e | |

Deleting data from doctor table.

The screenshot shows the 'Admin | Manage Doctors' page of the 'Electronic Hospital Management System'. A modal dialog box is displayed, asking for confirmation to delete a doctor. The message says: 'localhost says Are you sure you want to delete Doctor RAVIKUMAR'. There are 'OK' and 'Cancel' buttons at the bottom of the dialog.

| # | Name | Email | Specialization | Phone | Entry date | Action |
|---|-------------|----------------------|----------------|------------|------------|--------|
| 1 | RAVIKUMAR | ravikumar@gmail.com | Gynecologist | 9117456960 | 30-04-2222 | |
| 2 | JAI SRINADH | jaisrinadh@gmail.com | Orthopaedic | 0728262277 | 19-04-2222 | |

Deleting data successfully from doctor table.



Electronic Hospital Management System

0  +0  Admin 

Admin | Manage Doctors

Doctor deleted from the system successfully

| # | Name | Email | Specialization | Phone | Entry date | Action |
|---|-------------|----------------------|----------------|------------|------------|---|
| 1 | JAI SRINADH | jaisrinadh@gmail.com | Orthopaedic | 0728262277 | 19-04-2222 |   |

Deleted data reflected in database.

The screenshot shows the phpMyAdmin interface for a MySQL database named 'hospital'. The left sidebar lists various tables under the 'hospital' schema. The 'table_doctor' table is currently selected and displayed in the main pane.

Table Structure:

| | user_id | Avatar | Name | Email | Specialization | Phone | Entry_date | Password |
|---|---------|------------------------|------------|----------------------|----------------|------------|---------------------|--------------------------------|
| 1 | 7 | ./././images/pic14.jpg | JAISRINADH | jausrinadh@gmail.com | Orthopaedic | 0728202277 | 2022-04-19 10:20:07 | e10adc3949ba5abbe50e05720f683e |

Query Results Operations:

- Print
- Copy to clipboard
- Export
- Display chart
- Create view

Bookmark this SQL query:

Label: Let every user access this bookmark

Bookmark this SQL query

Console:

Inserting data into Nurse table

The screenshot shows the 'Add Nurse' form. The fields filled are:

- Name: Mounica
- Email: mounicar@gmail.com
- Specialization: Orthopaedic
- Phone: 9117358960
- Password: (obscured)
- Confirm Password: (obscured)

A blue 'Save' button is at the bottom right.

Data successfully saved

The screenshot shows the 'Add Nurse' form with the same fields as the previous screenshot. A green success message at the bottom left states: "Nurse mounica added successfully".

Data inserted into nurse table

| # | Name | Email | Specialization | Phone | Entry date | Action |
|---|---------|--------------------|----------------|-------------|------------|--------|
| 1 | MOUNICA | mounicar@gmail.com | Orthopaedic | 0117358960 | 30-04-2222 | |
| 2 | Liam | liam@gmail.com | Dermatologist | 09803428976 | 15-01-2222 | |
| 3 | Mario | mario@gmail.com | Orthopaedic | 09408974563 | 19-03-2222 | |

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Data successfully inserted into database

| user_id | Avatar | Name | Email | Specialization | Phone | Entry_date | Password |
|---------|--------|---------|--------------------|----------------|-------------|---------------------|----------------------------------|
| 0 | | MOUNICA | mounicar@gmail.com | Orthopaedic | 0117358960 | 2022-04-30 21:22:06 | e10adc304d0a59abbe56e057f20f883e |
| 1 | | Liam | liam@gmail.com | Dermatologist | 09803428976 | 2022-01-15 10:13:10 | e10adc304d0a59abbe56e057f20f883e |
| 2 | | Mario | mario@gmail.com | Orthopaedic | 09408974563 | 2022-03-19 15:05:08 | e10adc304d0a59abbe56e057f20f883e |

Modifying nurse table

The screenshot shows the 'Edit Nurse Info' form. It includes fields for Name (mario), Email (mario@gmail.com), Specialization (Dentist), and Phone (09408974563). The 'Update' button is visible at the bottom.

Admin | Edit Nurse Details

Edit Nurse Info
mario's Profile
Registration Date: 19-03-2222

Name: mario
Email: mario@gmail.com
Specialization: Dentist
Phone: 09408974563

Update

Modified successfully saved into table

The screenshot shows the 'Manage Nurses' table with three rows of data. A success message 'Nurse mario details updated successfully' is displayed above the table.

Nurse mario details updated successfully

| # | Name | Email | Specialization | Phone | Entry date | Action | |
|---|---------|--------------------|----------------|-------------|------------|--------|--|
| 1 | MOUNICA | mounicar@gmail.com | Orthopaedic | 9117358960 | 30-04-2222 | | |
| 2 | Liam | liam@gmail.com | Dermatologist | 09803428978 | 15-01-2222 | | |
| 3 | MARIO | mario@gmail.com | Dentist | 09408974563 | 19-03-2222 | | |

Modified details are reflected in the database.

The screenshot shows the phpMyAdmin interface for a MySQL database named 'hospital'. The left sidebar lists various tables under the 'hospital' schema. The main area is titled 'Table: table_nurse' and displays a query result for a SELECT statement. The results show three rows of data:

| # | user_id | Avatar | Name | Email | Specialization | Phone | Entry_date | Password |
|---|---------|-----------|---------|--------------------|----------------|-------------|---------------------|---------------------------------|
| 0 | | pic0.jpg | MOUNICA | mounicar@gmail.com | Orthopaedic | 9117358900 | 2022-04-30 21:22:06 | e10adc3949ba59abbe56e05720f683e |
| 1 | | pic10.jpg | Liam | liam@gmail.com | Dermatologist | 09803428976 | 2022-01-15 10:13:10 | e10adc3949ba59abbe56e05720f683e |
| 2 | | pic10.jpg | MARIO | mario@gmail.com | Dentist | 09408974563 | 2022-03-19 15:05:08 | e10adc3949ba59abbe56e05720f683e |

Deleting data from nurse table

The screenshot shows the 'Electronic Hospital Management System' web application. The top navigation bar includes links for 'Admin', 'Manage Nurses', and 'Logout'. A modal dialog box is centered on the screen, asking 'localhost says' if the user is sure they want to delete 'Nurse MOUNICA'. The 'OK' button is highlighted in blue, while 'Cancel' is in grey. Below the dialog, a message states 'Nurse mario details updated successfully'. At the bottom of the page, a footer bar contains the text '©2022 Electronic Hospital Management System'.

Table after deleting a tuple in nurse table

| # | Name | Email | Specialization | Phone | Entry date | Action |
|---|-------|-----------------|----------------|-------------|------------|--------|
| 1 | Liam | liam@gmail.com | Dermatologist | 09803428976 | 15-01-2222 | |
| 2 | MARIO | mario@gmail.com | Dentist | 09408974563 | 19-03-2222 | |

Successfully data deleted in database

| user_id | Avatar | Name | Email | Specialization | Phone | Entry_date | Password |
|---------|--------|-------|-----------------|----------------|-------------|---------------------|--------------------------------|
| 1 | | Liam | liam@gmail.com | Dermatologist | 09803428976 | 2022-01-15 10:13:10 | e10adc3949ba59abbe56e05720f83e |
| 2 | | MARIO | mario@gmail.com | Dentist | 09408974563 | 2022-03-19 15:05:08 | e10adc3949ba59abbe56e05720f83e |

Insert data into Pharmacist table.

The screenshot shows the 'Add Pharmacist' form. It contains five input fields: 'Name' (Praveen M), 'Email' (praveenm@gmail.com), 'Phone' (8712876290), 'Password' (*****), and 'Confirm Password' (*****). Below the fields is a blue 'Save' button.

Data saved into table successfully

The screenshot shows the 'Add Pharmacist' form. It contains five input fields: 'Name' (Praveen M), 'Email' (praveenm@gmail.com), 'Phone' (8712876290), 'Password' (*****), and 'Confirm Password' (*****). Below the fields is a green success message: 'Pharmacist praveen m added successfully'. At the bottom is a blue 'Save' button.

Data reflected successfully in database

The screenshot shows the phpMyAdmin interface for the 'table_pharmacists' table. The table has columns: user_id, Name, Email, Phone, Avatar, Entry_date, and Password. There is one row of data: user_id 0, Name Praveen M, Email praveenm@gmail.com, Phone 8712876290, Avatar (a small image placeholder), Entry_date 2022-04-30 21:33:23, and Password e10adc3949ba59abbe56e057f20f83e.

| user_id | Name | Email | Phone | Avatar | Entry_date | Password |
|---------|-----------|--------------------|------------|---------------------|---------------------|---------------------------------|
| 0 | Praveen M | praveenm@gmail.com | 8712876290 | (image placeholder) | 2022-04-30 21:33:23 | e10adc3949ba59abbe56e057f20f83e |

Modifying Pharmacist table

The screenshot shows the 'Edit Pharmacist Info' form for 'PRAVEEN M's Profile'. The registration date is listed as '30-04-2222'. The form contains three input fields: Name ('PRAVEEN M'), Email ('praveenm@gmail.com'), and Phone ('8712876680'). A blue 'Update' button is at the bottom.

Admin | Edit Pharmacist Details

Edit Pharmacist Info
PRAVEEN M's Profile
Registration Date: 30-04-2222

Name: PRAVEEN M
Email: praveenm@gmail.com
Phone: 8712876680

Update

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Successfully modified Pharmacist table

The screenshot shows a table titled 'Technician praveen m details updated successfully'. The table has columns: #, Name, Email, Phone, Entry date, and Action. It lists two rows: one for 'PRAVEEN M' and one for 'Navab Han'. Both rows have a red 'X' icon in the 'Action' column, indicating they are deleted.

Admin | Manage Pharmacist

Technician praveen m details updated successfully

| # | Name | Email | Phone | Entry date | Action |
|---|-----------|--------------------|------------|------------|--------|
| 1 | PRAVEEN M | praveenm@gmail.com | 8712876680 | 30-04-2222 | |
| 2 | Navab Han | navabhan@gmail.com | 8563214795 | 21-03-2222 | |

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Updated table in database as well.

The screenshot shows the phpMyAdmin interface for the 'hospital' database. The left sidebar lists various tables under the 'New' category. The 'table_pharmacist' table is selected, showing two rows of data:

| | user_id | Name | Email | Phone | Avatar | Entry_date | Password |
|---|-----------|-----------|--------------------|------------|------------------------|---------------------|---------------------------------|
| 0 | PRAVEEN M | PRAVEEN M | praveenm@gmail.com | 8712876680 | | 2022-04-30 21:33:23 | e10adc3940ba59abbe56e057f20f83e |
| 2 | Navab Han | Navab Han | navabhan@gmail.com | 8563214795 | ./././images/pic17.jpg | 2022-03-21 10:31:55 | e10adc3940ba59abbe56e057f20f83e |

Deleting data in Pharmacist table.

The screenshot shows the 'Manage Pharmacist' page of the 'Electronic Hospital Management System'. A confirmation dialog box is displayed in the center, asking 'Are you sure you want to delete Pharmacist PRAVEEN M?'. The dialog has 'OK' and 'Cancel' buttons. Below the dialog, a message says 'Technician praveen m details updated successfully'. The main table shows the following data:

| # | Name | Email | Phone | Entry date | Action |
|---|-----------|--------------------|------------|------------|--------|
| 1 | PRAVEEN M | praveenm@gmail.com | 8712876680 | 30-04-2222 | X |
| 2 | Navab Han | navabhan@gmail.com | 8563214795 | 21-03-2222 | ✓ X |

Successfully deleted the data from table

Admin | Manage Pharmacist

| # | Name | Email | Phone | Entry date | Action |
|---|-----------|--------------------|------------|------------|--------|
| 1 | Navab Han | navabhan@gmail.com | 8563214795 | 21-03-2222 | |

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Pharmacist table after deleting data.

Showing rows 0 - 0 (total: Query took 0.0007 seconds.)

| user_id | Name | Email | Phone | Avatar | Entry_date | Password |
|---------|-----------|--------------------|------------|--------|---------------------|----------------------------------|
| 1 | Navab Han | navabhan@gmail.com | 8563214795 | | 2022-03-21 10:31:55 | e10adc3849ba59abbe56e057f20f683e |

Insert data into Lab Technician table

Admin | Add Lab Technician

Add Lab Technician

| |
|--|
| <input type="text" value="Syam M"/> |
| <input type="text" value="syamm@gmail.com"/> |
| <input type="text" value="8917828960"/> |
| <input type="password" value="*****"/> |
| <input type="password" value="*****"/> |

Save

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Successfully added into Lab Technician table

Electronic Hospital Management System

Admin | Add Lab Technician

Add Lab Technician

Name

Email

Phone

Password

Confirm Password

Technician syam m added successfully

Save

@2022 Electronic Hospital Management System

Lab Technician table after inserting data.

Showing rows 0 - 1 (2 total). Query took 0.0010 seconds.

SELECT * FROM `table_lab_technician`

| | user_id | Name | Email | Phone | Avatar | Entry_date | Password |
|--------------------------|---------|-------------|----------------------|-------------|-----------------------|---------------------|----------------------------------|
| <input type="checkbox"/> | 0 | SYAM M | syam@gmail.com | 8917528960 | | 2022-04-30 21:41:30 | e10adc3949ba59abbe56e057f20f883e |
| <input type="checkbox"/> | 1 | Sam johnson | samjohnson@gmail.com | 09803428978 | ./././images/pic5.jpg | 2022-01-15 10:22:45 | e10adc3949ba59abbe56e057f20f883e |

Browse Structure SQL Search Insert Export Privileges Operations Tracking Triggers

New

user_id Name Email Phone Avatar Entry_date Password

Edit Copy Delete 0 SYAM M syam@gmail.com 8917528960 2022-04-30 21:41:30 e10adc3949ba59abbe56e057f20f883e

Edit Copy Delete 1 Sam johnson samjohnson@gmail.com 09803428978 ./././images/pic5.jpg 2022-01-15 10:22:45 e10adc3949ba59abbe56e057f20f883e

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Options

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

Console

Modifying Technician table

The screenshot shows the 'Edit Technician Info' form. It includes fields for Name (Sam J), Email (samjohnson@gmail.com), and Phone (09803428976). A blue 'Update' button is at the bottom. The top navigation bar shows the system name and user info.

Admin | Edit Technician Details

Edit Technician Info
Sam Johnson's Profile
Registration Date: 15-01-2222

Name: Sam J
Email: samjohnson@gmail.com
Phone: 09803428976

Update

Successfully saved modified details

The screenshot shows a table titled 'Technician Sam J Details Updated Successfully'. It lists two technicians: SYAM M and SAM J, with their respective details. The 'Action' column contains edit and delete icons. The top navigation bar shows the system name and user info.

Admin | Manage Lab Technician

Technician Sam J Details Updated Successfully

| # | Name | Email | Phone | Entry Date | Action |
|---|--------|----------------------|-------------|------------|--------|
| 1 | SYAM M | syamm@gmail.com | 8917828960 | 30-04-2222 | |
| 2 | SAM J | samjohnson@gmail.com | 09803428976 | 15-01-2222 | |

Updated data is reflected in the Database.

The screenshot shows the phpMyAdmin interface for the 'hospital' database. The left sidebar lists various tables under the 'hospital' schema. The main area displays the 'table_lab_technician' table with the following data:

| # | user_Id | Name | Email | Phone | Avatar | Entry_date | Password |
|---|---------|--------|----------------------|-------------|-----------------------|---------------------|---------------------------------|
| 1 | SYAM M | SYAM M | syamm@gmail.com | 8917828900 | | 2022-04-30 21:41:30 | e10adc3949ba59abbe50e057f20f83e |
| 2 | SAM J | SAM J | samjohnson@gmail.com | 09803428976 | ./././images/pic5.jpg | 2022-01-15 10:22:45 | e10adc3949ba59abbe50e057f20f83e |

Delete data from Technician table.

The screenshot shows the 'Admin | Manage Lab Technician' page. A modal dialog box is displayed, asking for confirmation to delete the technician 'SYAM M'. The dialog has 'OK' and 'Cancel' buttons. Below the dialog, the table shows two rows of data. The second row, 'SAM J', has a red 'X' icon in the 'Action' column, indicating it is selected for deletion.

| # | Name | Email | Phone | Entry date | Action |
|---|--------|----------------------|-------------|------------|--------|
| 1 | SYAM M | syamm@gmail.com | 8917828900 | 30-04-2022 | X |
| 2 | SAM J | samjohnson@gmail.com | 09803428976 | 15-01-2022 | X |

Technician table after deleting data.

The screenshot shows the 'Admin | Manage Lab Technician' page. A message at the top states '1 technician deleted from the system successfully'. The table now only contains one row of data, 'SAM J', with a red 'X' icon in the 'Action' column.

| # | Name | Email | Phone | Entry date | Action |
|---|-------|----------------------|-------------|------------|--------|
| 1 | SAM J | samjohnson@gmail.com | 09803428976 | 15-01-2022 | X |

After deleting data in technician table

The screenshot shows the phpMyAdmin interface for the 'hospital' database. The left sidebar lists various tables under the 'hospital' schema. The current table is 'table_lab_technician'. The main area displays a single row of data:

| user_id | Name | Email | Phone | Avatar | Entry_date | Password |
|---------|-------|----------------------|-------------|--------|---------------------|---------------------------------|
| 1 | SAM J | samjohnson@gmail.com | 09803428978 | | 2022-01-15 10:22:45 | e10adc3949ba59abbe59e057f20f83e |

Below the table, there are buttons for 'Edit', 'Delete', 'Copy', and 'Export'. There is also a 'Query results operations' section with options like 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'.

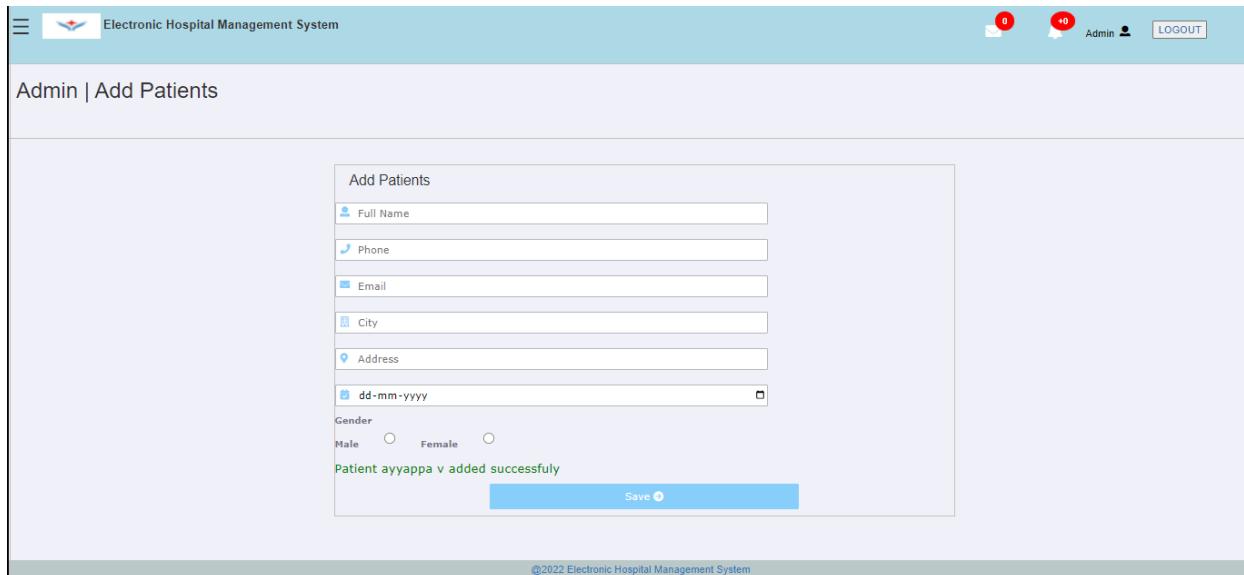
Insert data into Patients table

The screenshot shows the 'Admin | Add Patients' page of the Electronic Hospital Management System. The page has a header with the system logo and navigation links. The main content area is titled 'Add Patients' and contains the following form fields:

| | | |
|-----------------------|---------------------------------------|------------------------------|
| Ayyappa V | | |
| 8712876980 | | |
| ayyappav@gmail.com | | |
| Vizag | | |
| 131 Home Apt | | |
| 12-06-1995 | | |
| Gender | <input checked="" type="radio"/> Male | <input type="radio"/> Female |
| <button>Save</button> | | |

At the bottom of the page, there is a footer with the text '@2022 Electronic Hospital Management System'.

Successfully added data into patients table



Electronic Hospital Management System

Admin | Add Patients

Add Patients

Full Name

Phone

Email

City

Address

dd-mm-yyyy

Gender

Male Female

Patient ayyappa v added successfully

Save 

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After inserting data into Patient table



Electronic Hospital Management System

Admin | Manage Patients

| # | Name | Phone | Email | City | Address | D.o.b | Date | Gender | View |
|---|--------------|-------------|-----------------------|----------|---------------------|------------------|------------|--|---|
| 1 | AYYAPPA V | 8712878980 | ayyappav@gmail.com | VIZAG | 131 HOME APT | 12-June-1995 | 2022-05-01 | Male  |  |
| 2 | AnderCashew | 09934517894 | andercashew@gmail.com | DENTON | 665-BERNARD STREET | 15-October-2009 | 2022-01-15 | Female  |  |
| 3 | Robin Albert | 05735649871 | robin@gmail.com | PLANO | 146-MCKINNEY STREET | 13-December-2007 | 2022-03-23 | Male  |  |
| 4 | Williams | 06407844352 | williams@gmail.com | MCKINNEY | 204-WEST UNIVERSITY | 15-March-1999 | 2022-04-15 | Male  |  |
| 5 | Joseph | 08976286354 | joseph@gmail.com | FRISCO | 209-ROBIN STREET | 22-October-2005 | 2022-04-15 | Male  |  |
| 6 | Aifa | 08971235397 | aifa@gmail.com | DENTON | 101-AvenueA | 17-February-1990 | 2022-02-15 | Female  |  |
| 7 | Renney | 09083879241 | renney@gmail.com | DALLAS | 908-PARKER STREET | 12-October-1980 | 2022-03-09 | Female  |  |
| 8 | Marin | 04310785465 | marin@gmail.com | IRVING | 506-SEPHIN STREET | 27-May-2020 | 2022-03-25 | Male  |  |
| 9 | Sedrick | 09097594399 | sedrick@gmail.com | DENTON | 258-CHROMICK STREET | 23-May-1998 | 2022-04-13 | Male  |  |

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After inserting data into Patient table

The screenshot shows the phpMyAdmin interface for a database named 'hospital'. The left sidebar lists various tables, including 'patient' which is currently selected. The main area displays the contents of the 'table_patients' table. The table has columns: user_id, FullName, Phone, Email, City, Address, DOB, Visit_date, and Gender. There are 9 rows of data, each with edit, copy, and delete options. The data includes names like AYYAPPA V, AnderCasew, Robin Albert, Williams, Joseph, Asifa, Renney, Marin, and Sedrick, along with their respective contact details and addresses.

| | user_id | FullName | Phone | Email | City | Address | DOB | Visit_date | Gender |
|----------------------|---------|--------------|-------------|----------------------|----------|---------------------|------------|------------|--------|
| Edit | 0 | AYYAPPA V | 8712376980 | ayyappav@gmail.com | VIZAG | 131 HOME APT | 1995-08-12 | 2022-05-01 | Male |
| Edit | 1 | AnderCasew | 09934517894 | andercasew@gmail.com | DENTON | 685-BERNARD STREET | 2009-10-15 | 2022-01-15 | Female |
| Edit | 2 | Robin Albert | 05735649871 | robin@gmail.com | PLANO | 148-MCKINNEY STREET | 2007-12-13 | 2022-03-23 | Male |
| Edit | 3 | Williams | 09407864352 | williams@gmail.com | MCKINNEY | 204-WEST UNIVERSITY | 1999-03-15 | 2022-04-15 | Male |
| Edit | 6 | Joseph | 08975285554 | joseph@gmail.com | FRISCO | 209-Robin STREET | 2005-10-22 | 2022-04-15 | Male |
| Edit | 7 | Asifa | 08971235397 | asifa@gmail.com | DENTON | 101-AvenueA | 1998-02-17 | 2022-02-15 | Female |
| Edit | 8 | Renney | 09083870241 | renney@gmail.com | DALLAS | 908-PARKER STREET | 1980-10-12 | 2022-03-09 | Female |
| Edit | 9 | Marin | 04316785465 | marin@gmail.com | IRVING | 508-SEPHIN STREET | 2020-05-27 | 2022-03-25 | Male |
| Edit | 10 | Sedrick | 09087564389 | sedrick@gmail.com | DENTON | 256-CHROMICK STREET | 1998-05-23 | 2022-04-13 | Male |

Insert data into Accountant table

The screenshot shows the 'Electronic Hospital Management System' interface. The top navigation bar includes a logo, the system name, and user information (Admin). The main content area is titled 'Add Accountant' and contains five input fields: a placeholder for a profile picture, a text input for the name 'Subramanyam', an email input for 'subramanyams@gmail.com', a phone number input for '9218379270', and two password inputs, both containing '*****'. A blue 'Save' button is at the bottom right of the form.

Table after inserting the data into Accountant table

| # | Name | Email | Phone | Entry date | Action |
|---|-------------|------------------------|------------|------------|--------|
| 1 | SUBRAMANYAM | subramanyams@gmail.com | 9218379270 | 25-04-2222 | |
| 2 | CHANDRAM | chandramn@gmail.com | 8972869260 | 25-04-2222 | |

Data reflected in database after inserting data

| user_id | Name | Email | Phone | Avatar | Entry_date | Password |
|---------|-------------|------------------------|------------|--------|---------------------|----------------------------------|
| 3 | SUBRAMANYAM | subramanyams@gmail.com | 9218379270 | | 2022-04-25 22:28:57 | e10adc3949ba59abbe56e057f20f883e |
| 4 | CHANDRAM | chandramn@gmail.com | 8972869260 | | 2022-04-25 22:29:48 | e10adc3949ba59abbe56e057f20f883e |

Modifying Accountant table

The screenshot shows the 'Edit Accountant Info' page. At the top, it says 'SUBHRA MANYAM's Profile' and 'Registration Date: 25-04-2222'. There are three input fields: 'Name' (SUBHRA MANYAM), 'Email' (subramanyams@gmail.com), and 'Phone' (9218379270). A blue 'Update' button is at the bottom.

① ② Admin LOGOUT

Edit Accountant Info
SUBHRA MANYAM's Profile
Registration Date: 25-04-2222
Name: SUBHRA MANYAM
Email: subramanyams@gmail.com
Phone: 9218379270
Update

©2022 Electronic Hospital Management System

Data saved successfully into Accountant table

The screenshot shows the 'Admin | Manage Accountant' page. It displays a table with columns: #, Name, Email, Phone, Entry date, and Action. The data is as follows:

| # | Name | Email | Phone | Entry date | Action |
|---|---------------|------------------------|------------|------------|--------|
| 1 | SUBHRA MANYAM | subramanyams@gmail.com | 9218379270 | 25-04-2222 | |
| 2 | CHANDRAM | chandramn@gmail.com | 8972869280 | 25-04-2222 | |

① ② Admin LOGOUT

Admin | Manage Accountant

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After modifying Accountant table

The screenshot shows the phpMyAdmin interface for the 'hospital' database. The left sidebar lists various tables under the 'hospital' schema. The 'table_finance' table is selected, showing two rows of data:

| | user_id | Name | Email | Phone | Avatar | Entry_date | Password |
|---|--------------|--------------|------------------------|------------|--------------------------|---------------------|---------------------------------|
| 1 | SUBHRAMANYAM | SUBHRAMANYAM | subramanyams@gmail.com | 9218379270 |/images/finance.jpg | 2022-04-25 11:35:10 | e10adc3949ba59abbe56e057f20f83e |
| 2 | CHANDRAM | CHANDRAM | chandram@gmail.com | 8972889260 |/images/finance.jpg | 2022-04-25 11:35:10 | e10adc3949ba59abbe56e057f20f83e |

Deleting data from Accountant table

The screenshot shows the 'Electronic Hospital Management System' web application. The user is on the 'Manage Accountant' page, which displays a table of accountants:

| # | Name | Email | Phone | Entry date | Action |
|---|--------------|------------------------|------------|------------|--------|
| 1 | SUBHRAMANYAM | subramanyams@gmail.com | 9218379270 | 25-04-2222 | X |
| 2 | CHANDRAM | chandram@gmail.com | 8972889260 | 25-04-2222 | X |

A modal dialog box is displayed, asking for confirmation to delete the accountant 'SUBHRAMANYAM'. The dialog has 'OK' and 'Cancel' buttons.

Electronic Hospital Management System

Admin | Manage Accountant

| # | Name | Email | Phone | Entry date | Action |
|---|----------|---------------------|------------|------------|--------|
| 1 | CHANDRAM | chandramn@gmail.com | 8972896260 | 25-04-2222 | |

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Table after deleting data from Accountant table

phpMyAdmin

Server: 127.0.0.1 > Database: hospital > Table: table_finance

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 0 (1 total, Query took 0.0011 seconds.)

SELECT * FROM `table_finance`

Profile [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all Number of rows: 25 Filter rows: Search this table

+ Options

user_id Name Email Phone Avatar Entry_date Password

CHANDRAM chandramn@gmail.com 8972896260 .../images/finance.jpg 2022-04-25 11:38:10 e10adc3949ba59abbe56e057120f683e

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

Console

Doctor's prescription

The screenshot shows a table of patient records with the following columns: #, Name, Phone, Email, City, Address, D.o.b, Registration date, Gender, and Consultation/View. The data includes:

| # | Name | Phone | Email | City | Address | D.o.b | Registration date | Gender | Consultation/View |
|---|--------------|-------------|-----------------------|----------|---------------------|------------------|-------------------|--------|-------------------|
| 1 | AYYAPPAN V | 8712876980 | ayyappav@gmail.com | VIZAG | 131 HOME APT | 12-June-1995 | 01-May-2022 | Male | ✓ |
| 2 | Andercashew | 0994517894 | andercashew@gmail.com | DENTON | 665-BERNARD STREET | 15-October-2009 | 15-January-2022 | Female | ✓ |
| 3 | Robin Albert | 05735649871 | robin@gmail.com | PLANO | 146-MCKINNEY STREET | 13-December-2007 | 23-March-2022 | Male | ✓ |
| 4 | Williams | 09407864352 | williams@gmail.com | MCKINNEY | 204-WEST UNIVERSITY | 15-March-1999 | 15-April-2022 | Male | ✓ |
| 5 | Joseph | 00976285354 | joseph@gmail.com | FRISCO | 200-RHOBIN STREET | 22-October-2005 | 15-April-2022 | Male | ✓ |
| 6 | Asifa | 08971235397 | asifa@gmail.com | DENTON | 101-AvenueA | 17-February-1990 | 15-February-2022 | Female | ✓ |
| 7 | Renney | 09083879241 | renney@gmail.com | DALLAS | 908-PARKER STREET | 12-October-1980 | 09-March-2022 | Female | ✓ |
| 8 | Marin | 04310785485 | marin@gmail.com | IRVING | 506-SEPHIN STREET | 27-May-2020 | 25-March-2022 | Male | ✓ |
| 9 | Sedrick | 09087564389 | sedrick@gmail.com | DENTON | 256-CHROMICK STREET | 23-May-1998 | 13-April-2022 | Male | ✓ |

The screenshot shows a form for a patient consultation with sections for Lab Form, Finance Form, and Pharmacy Form. The Lab Form table has columns: #, Email, Name, Phone, Symptoms (Additional Details of Patient), and Test(s). The Finance Form table has columns: #, Email, Name, Phone, Consultation fee, Lab test fee, Pharmacy fee, and Treatment fee. The Pharmacy Form table has columns: #, Email, Name, Phone, and Medical Prescription.

| # | Email | Name | Phone | Symptoms(Additional Details of Patient) | | Test(s) |
|---|--------------------|-----------|------------|---|--|---------------------|
| | ayyappav@gmail.com | ayyappa v | 8712876980 | Cough and Fever | | Blood Test Required |

| # | Email | Name | Phone | Consultation fee | Lab test fee | Pharmacy fee | Treatment fee |
|---|--------------------|-----------|------------|------------------|--------------|--------------|---------------|
| | ayyappav@gmail.com | ayyappa v | 8712876980 | 1000 | | | |

| # | Email | Name | Phone | Medical Prescription | |
|---|--------------------|-----------|------------|----------------------|--|
| | ayyappav@gmail.com | ayyappa v | 8712876980 | | |

Data reflected in Database after doctor inserting data

The screenshot shows the phpMyAdmin interface for the 'hospital' database, specifically the 'table_lab_report' table. The table has columns: Id, Name, Email, Phone, Symptoms, Test, Results, Send_date, and Status. The data reflects the entries made in the previous screenshots:

| Id | Name | Email | Phone | Symptoms | Test | Results | Send_date | Status |
|----|--------------|-----------------------|-------------|-----------------|---------------------|---------|---------------------|------------|
| 0 | ayyappa v | ayyappav@gmail.com | 8712876980 | Cough and Fever | Blood Test Required | | 2022-04-30 22:12:15 | Not Tested |
| 1 | Andercashew | andercashew@gmail.com | 0994517894 | vomiting | Dengue | | 2022-01-17 11:15:28 | Tested |
| 2 | Robin Albert | robin@gmail.com | 05735649871 | fever | Typhoid | | 2022-01-19 21:09:29 | Tested |
| 3 | Williams | williams@gmail.com | 09407864352 | dizziness | | | 2022-02-13 19:17:56 | Tested |
| 4 | Joseph | joseph@gmail.com | 00976285354 | cough | cholera | | 2022-02-17 19:43:45 | Tested |
| 5 | Asifa | asifa@gmail.com | 08971235397 | severe headache | cholera | | 2022-02-16 13:15:08 | Tested |
| 6 | Renney | renney@gmail.com | 09083879241 | fever | typhoid | | 2022-03-07 14:50:38 | Tested |
| | | | | dry stool | malaria | | | |
| | | | | cough | | | | |
| | | | | fever | | | | |
| | | | | headache | | | | |
| | | | | malaria | | | | |

Doctor able to insert the fee for patient

Electronic Hospital Management System Dr.Jaisrinadh LOGOUT

0

Doctor | Patient Consultation

Lab Form

| # | Email | Name | Phone | Symptoms(Additional Details of Patient) | Test('s) |
|---|------------------|--------|-------------|---|----------|
| | joseph@gmail.com | joseph | 08976285354 | | |

Lab

Finance Form

| # | Email | Name | Phone | Consultation fee | Lab test fee | Pharmacy fee | Treatment fee |
|---|------------------|--------|-------------|------------------|--------------|--------------|---------------|
| | joseph@gmail.com | joseph | 08976285354 | 1000 | 2000 | 1500 | 100000 |

Finance

Pharmacy Form

| # | Email | Name | Phone | Medical Prescription |
|---|------------------|--------|-------------|----------------------|
| | joseph@gmail.com | joseph | 08976285354 | |

Pharmacy

System notifies doctor that he successfully charged the fee to patient.

Electronic Hospital Management System Dr.Jaisrinadh LOGOUT

0

Doctor | Manage Patients

Patient Send to Finance successfully

| # | Name | Phone | Email | City | Address | D.o.b | Registration date | Gender | Consultation/View |
|---|--------------|-------------|-----------------------|----------|---------------------|------------------|-------------------|--------|-------------------|
| 1 | AYYAPPA.V | 8712879960 | ayyappav@gmail.com | VIZAG | 131 HOME APT | 12-June-1995 | 01-May-2022 | Male | |
| 2 | AnderCashew | 09934517894 | andercashew@gmail.com | DENTON | 685-BERNARD STREET | 15-October-2009 | 15-January-2022 | Female | |
| 3 | Robin Albert | 05735649871 | robin@gmail.com | PLANO | 148-MCKINNEYSTREET | 13-December-2007 | 23-March-2022 | Male | |
| 4 | Williams | 06407848352 | williams@gmail.com | MCKINNEY | 204-WEST UNIVERSITY | 15-March-1999 | 15-April-2022 | Male | |
| 5 | Joseph | 08978285354 | joseph@gmail.com | FRISCO | 209-ROBIN STREET | 22-October-2005 | 15-April-2022 | Male | |
| 6 | Aaifa | 08971235397 | aaifa@gmail.com | DENTON | 101-AvenueA | 17-February-1998 | 15-February-2022 | Female | |
| 7 | Renney | 09083879241 | renney@gmail.com | DALLAS | 908-PARKER STREET | 12-October-1980 | 09-March-2022 | Female | |
| 8 | Marin | 04310785465 | marin@gmail.com | IRVING | 506-SEPHIN STREET | 27-May-2020 | 25-March-2022 | Male | |
| 9 | Sedrick | 09087564389 | sedrick@gmail.com | DENTON | 255-CHROMICK STREET | 23-May-1998 | 13-April-2022 | Male | |

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Data reflected in table

The screenshot shows the phpMyAdmin interface for the 'hospital' database. The left sidebar lists various tables under the 'New' category. The main area displays the 'table_payments' table with the following data:

| | ID | Email | Name | Consultation_fee | Lab_test_fee | Treatment_fee | Pharmacy_fee | Other_charges | Total_amount | Mpesa | Cash | Status | Send_date | Due |
|----|-----------|------------------------|----------------|-------------------------|---------------------|----------------------|---------------------|----------------------|---------------------|--------------|-------------|---------------|------------------|------------|
| 0 | 1 | joseph@gmail.com | joseph | 1000 | 2000 | 10000 | 1500 | | 104500 | 0 | 0 | Not Paid | 2022-05-01 | 0 |
| 1 | 2 | sameer@gmail.com | Sameer Han | 1000 | 1200 | 1500 | 2000 | | | 43 | 5657 | Paid | 2022-03-20 | 0 |
| 2 | 3 | jollybabu@gmail.com | Jolly Babu | 1000 | 1200 | 1500 | 1000 | | | 1000 | 3700 | Paid | 2022-03-21 | 0 |
| 3 | 4 | saipathak@gmail.com | Sai Pathak | 1000 | 1200 | 1000 | 2000 | | 5200 | 4300 | 900 | Paid | 2022-03-26 | 0 |
| 4 | 5 | victoria@gmail.com | Victoria Jamin | 1000 | 500 | 800 | 700 | | 3000 | 1500 | 1500 | Paid | 2022-03-27 | 0 |
| 5 | 6 | kamusa12@gmail.com | Kamusa Sami | 1000 | 1200 | 800 | 1000 | | 4090 | 3000 | 1090 | Paid | 2022-03-27 | 0 |
| 6 | 7 | coretaharris@gmail.com | Coretta Harris | 1000 | 1200 | 800 | 1000 | | 4000 | 900 | 0 | Not Paid | 2022-03-27 | 0 |
| 7 | 8 | darienemund@gmail.com | Dariene Mund | 1000 | 1600 | 2000 | 700 | | 5300 | 5000 | 300 | Paid | 2022-03-27 | 0 |
| 8 | 9 | roxiegalyean@gmail.com | Roxie Galyean | 1000 | 1200 | 2000 | 3500 | | 7700 | 900 | 6000 | Not Paid | 2022-03-28 | 0 |
| 9 | 10 | mildawaters@gmail.com | Milda Waters | 1000 | 1200 | 1500 | 2000 | | 5700 | 5000 | 700 | Not Paid | 2022-03-17 | 0 |
| 10 | 11 | mittalofon@gmail.com | Minta Lofton | 1000 | 1200 | 1500 | 1000 | | 4700 | 4700 | 0 | Not Paid | 2022-03-28 | 0 |

Doctor able to insert the medicine for the patient

The screenshot shows the 'Doctor | Patient Consultation' interface. It includes three forms:

- Lab Form:**

| # | Email | Name | Phone | Symptoms(Additional Details of Patient) | | Test(s) |
|---|-----------------|-------|-------------|---|--|---------|
| | asifa@gmail.com | asifa | 08971235397 | | | |
- Finance Form:**

| # | Email | Name | Phone | Consultation fee | Lab test fee | Pharmacy fee | Treatment fee |
|---|-----------------|-------|-------------|------------------|--------------|--------------|---------------|
| | asifa@gmail.com | asifa | 08971235397 | 1000 | | | |
- Pharmacy Form:**

| # | Email | Name | Phone | Medical Prescription | |
|---|-----------------|-------|-------------|-------------------------|--|
| | asifa@gmail.com | asifa | 08971235397 | Pantop D Paracetamol | |

Buttons for 'Lab', 'Finance', and 'Pharmacy' are located to the right of their respective forms.

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Electronic Hospital Management System

Dr.Jaisrinadh LOGOUT

Doctor | Manage Patients

Patient Send to Pharmacy successfully

| # | Name | Phone | Email | City | Address | D.o.b | Registration date | Gender | Consultation/View |
|---|--------------|-------------|-----------------------|----------|---------------------|------------------|-------------------|--------|-------------------|
| 1 | AYYAPPA V | 9712879980 | ayyappav@gmail.com | VIZAG | 131 HOME APT | 12-June-1995 | 01-May-2022 | Male | |
| 2 | Andercashew | 09934517894 | andercashew@gmail.com | DENTON | 665-BERNARD STREET | 15-October-2009 | 15-January-2022 | Female | |
| 3 | Robin Albert | 05755649871 | robin@gmail.com | PLANO | 146-MCKINNEYSTREET | 13-December-2007 | 23-March-2022 | Male | |
| 4 | Williams | 09407884325 | williams@gmail.com | MCKINNEY | 204-WEST UNIVERSITY | 15-March-1999 | 15-April-2022 | Male | |
| 5 | Joseph | 09978285354 | joseph@gmail.com | FRISCO | 209-ROBIN STREET | 22-October-2005 | 15-April-2022 | Male | |
| 6 | Asifa | 08971235307 | asifa@gmail.com | DENTON | 101-AvenueA | 17-February-1996 | 15-February-2022 | Female | |
| 7 | Renney | 90083379241 | renney@gmail.com | DALLAS | 908-PARKER STREET | 12-October-1993 | 09-March-2022 | Female | |
| 8 | Marin | 04316785465 | marin@gmail.com | IRVING | 506-SEPHIN STREET | 27-May-2020 | 25-March-2022 | Male | |
| 9 | Sedrick | 09087584389 | sedrick@gmail.com | DENTON | 256-CHROMICK STREET | 23-May-1998 | 13-April-2022 | Male | |

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Data reflected in table

phpMyAdmin

Server: 127.0.0.1 > Database: hospital > Table: table_pharmacy

Browse Structure SQL Search Insert Export Import Privileges Operations Tracking Triggers

Showing rows 0 - 5 (6 total, Query took 0.0009 seconds.)

SELECT * FROM `table_pharmacy`

Number of rows: 25

| | ID | Email | Name | Phone | Prescription | Status | Send_date |
|--|----|---------------------|---------------|-------------|--|----------------|---------------------|
| | 0 | asifa@gmail.com | asifa | 08971235307 | Pantop D Paracetamol | Not Prescribed | 2022-04-30 22:16:35 |
| | 1 | jamalhsan@gmail.com | Jamal Hasan | 9874953215 | abz tablets 1x3....Bruffen 1x3....paracetamol 1 t... | Prescribed | 2022-03-21 10:30:30 |
| | 2 | catherine@gmail.com | Catherine Kan | 9563248752 | panadol | Prescribed | 2022-03-21 21:22:00 |
| | 3 | miraluram@gmail.com | Miralu Rani | 5632178965 | abz 1X2.... bruflen 1x3.... panadol 1x3... | Prescribed | 2022-03-23 07:48:12 |
| | 4 | prasadsai@gmail.com | Prasad Sai | 9632587415 | panadol 1x3 | Not Prescribed | 2022-03-28 15:17:09 |
| | 5 | tinakalin@gmail.com | Tina Kalim | 8569321475 | abz | Prescribed | 2022-03-17 15:55:30 |

Query results operations

Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Console

2.0 SQL STATEMENTS OF ELECTRONIC HOSPITAL MANAGEMENT SYSTEM TABLES (USING MYSQL DATABASE)

2.1 Admin Table

```
CREATE TABLE admin(
    Admin_Id int(15) NOT NULL,
    Email varchar(255) NOT NULL,
    firstName varchar(255) NOT NULL,
    lastName varchar(255) NOT NULL,
    Phone int(15) NOT NULL,
    Password varchar(255) NOT NULL,
    PRIMARY KEY (Admin_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.2 Ambulance Table CREATE

```
TABLE ambulance( amb_Id
    int(15) NOT NULL, reg_no
    varchar(255) NOT NULL,
    PRIMARY KEY (amb_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.3 Bed Table

```
CREATE TABLE bed( bed_Id int(15)
    NOT NULL, bed_No int(15) NOT
    NULL, bed_Location varchar(255)
    NOT NULL,
    PRIMARY KEY (`bed_Id`) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.4 Cleaner Table

```
CREATE TABLE cleaner ( Cl_Id  
int(15) NOT NULL, firstName  
varchar(255) NOT NULL,  
Surname varchar(255) NOT NULL,  
PRIMARY KEY (`Cl_Id` ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.5 Department Table

```
CREATE TABLE department(  
dep_Id int(15) NOT NULL, dep_Name  
varchar(255) NOT NULL,  
PRIMARY KEY (dep_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.6 Doctor table:

```
CREATE TABLE doctor ( Doctor_Id  
int(15) NOT NULL, firstName  
varchar(255) NOT NULL,  
lastName varchar(255) NOT NULL,  
Phone int(15) NOT NULL,  
Password varchar(255) NOT NULL,  
sp_Id int(15) NOT NULL,  
sp_name varchar(255) NOT NULL,  
PRIMARY KEY (Doctor_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.7 Driver Table

```
CREATE TABLE driver (  
dr_Id int(15) NOT NULL, dr_fname  
varchar(255) NOT NULL, dr_lname  
varchar(255) NOT NULL,  
PRIMARY KEY (`dr_Id` ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.8 Floor Table

```
CREATE TABLE floor (
    floor_Id int(15) NOT NULL, floor_Name
    varchar(255) NOT NULL,
    PRIMARY KEY (floor_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb
```

2.9 Insurance Table

```
CREATE TABLE insurance (
    Insurance_Id int(15) NOT NULL,
    Insurance_Name varchar(255) NOT NULL,
    PRIMARY KEY (Insurance_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.1.0 Laboratory Table

```
CREATE TABLE laboratory(
    lab_Id int(15) NOT NULL, lab_Name
    varchar(255) NOT NULL,
    PRIMARY KEY (lab_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb
```

2.1.1 Lab Technician

```
CREATE TABLE lab_technician (
    tech_Id int(15) NOT NULL, fname
    varchar(255) NOT NULL, lname
    varchar(255) NOT NULL,
    PRIMARY KEY (tech_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.1.2 Medicine Table

```
CREATE TABLE medicine (
    me_name text NOT NULL,
    me_exp date NOT NULL ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb
```

2.1.3 Nurse Table

```
CREATE TABLE nurse (
    nu_Id int(15) NOT NULL, nu_fname
    varchar(255) NOT NULL, nu_lname
    varchar(255) NOT NULL,
    PRIMARY KEY (nu_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.1.4 Patient Table

```
CREATE TABLE patient (
Patient_Id int(15) NOT NULL, firstName
varchar(255) NOT NULL, lastName
varchar(255) NOT NULL, Phone int(20)
NOT NULL,
Password varchar(255) NOT NULL,
```

```
PRIMARY KEY (Patient_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.1.5 Payment Table

```
CREATE TABLE payment
( pa_Id int(11) NOT NULL,
`pay_Name` varchar(255) NOT NULL,
pa_amount varchar(255) NOT NULL,
`pa_Date` date NOT NULL,
PRIMARY KEY (`pa_Id`) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.1.6 Receipt Table

```
CREATE TABLE receipt (
receipt_Id int(15) NOT NULL,
receipt_date date NOT NULL,
PRIMARY KEY (receipt_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.1.7 In_Patient table:

```
CREATE TABLE In_patient (
Patient_Id int(15) NOT NULL,
room_Id int(15) NOT NULL, room_no
varchar(255) NOT NULL, stay_Id
int(15) NOT NULL, start_Date date
NOT NULL, discharge_Date date NOT
NULL,
PRIMARY KEY (Patient_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.1.8 Test Table

```
CREATE TABLE test (
te_Id int(15) NOT NULL, te_result
varchar(255) NOT NULL, te_date
date NOT NULL,
PRIMARY KEY (te_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.1.9 Time Slot Table

```
CREATE TABLE timeslot (
slot_Id int(15) NOT NULL, time_Range
time NOT NULL,
PRIMARY KEY (slot_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.2.0 Treatment Table

```
CREATE TABLE treatment (
tr_Id int(15) NOT NULL, issue
varchar(255) NOT NULL,
tr_date date NOT NULL,
PRIMARY KEY (tr_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

2.2.1 Ward Table

```
CREATE TABLE ward (
wa_Id int(15) NOT NULL, wa_Name
varchar(255) NOT NULL,
PRIMARY KEY (wa_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

Normalizing the tables

Doctor table:

```
CREATE TABLE doctor ( Doctor_Id  
int(15) NOT NULL, firstName  
varchar(255) NOT NULL,  
lastName varchar(255) NOT NULL,  
Phone int(15) NOT NULL,  
Password varchar(255) NOT NULL,  
sp_Id int(15) NOT NULL,  
sp_name varchar(255) NOT NULL,  
PRIMARY KEY (Doctor_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

Here the Doctor Id is the candidate key sp_id,sp_name, transitively dependent on doctor_id which violates 3NF so dividing the tables as follow:-

Doctor Table

```
CREATE TABLE doctor (  
Doctor_Id int(15) NOT NULL, firstName  
varchar(255) NOT NULL, lastName  
varchar(255) NOT NULL, Phone int(15)  
NOT NULL,  
Password varchar(255) NOT NULL,  
PRIMARY KEY (`Doctor_Id`) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

Doctor Specialty Table

```
CREATE TABLE doctor_speciality (  
sp_Id int(15) NOT NULL, sp_name  
varchar(255) NOT NULL,  
PRIMARY KEY (sp_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4
```

Payment Table

```
CREATE TABLE payment ( pa_Id  
int(11) NOT NULL, pay_Name  
varchar(255) NOT NULL,
```

```

pa_amount varchar(255) NOT NULL,
pa_Date date NOT NULL,
PRIMARY KEY (pa_Id) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4

```

Payment table is further normalized into payment table and payment method table

Payment Table

```

CREATE TABLE payment (pa_Id
int(11) NOT NULL, pa_amount
varchar(255) NOT NULL, pa_Date
date NOT NULL,
PRIMARY KEY (`pa_Id`) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4

```

Payment Method Table

```

CREATE TABLE payment_method (
pay_Id int(15) NOT NULL, pay_Name varchar(255) NOT NULL ) ENGINE=InnoDB
DEFAULT CHARSET=utf8mb4

```

In_Patient table:

```

CREATE TABLE `In_patient` ( `Patient_Id` int(15) NOT NULL, `room_Id` int(15) NOT
NULL, `room_no` varchar(255) NOT NULL, stay_Id` int(15) NOT NULL, `start_Date` date
NOT NULL, `discharge_Date` date NOT NULL, PRIMARY KEY (`Patient_Id`) ) ENGINE=InnoDB
DEFAULT CHARSET=utf8mb4

```

Here the whenever the data inserted for the room and details about staying, results as redundancy of data which violates 1NF. So divided the tables into room and stay table

Room Table

```

CREATE TABLE `room` ( `room_Id` int(15) NOT NULL, `room_no` varchar(255) NOT
NULL, PRIMARY KEY (`room_Id`) ) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4

```

Stay Table

```

CREATE TABLE `stay` ( `stay_Id` int(15) NOT NULL, `start_Date` date NOT
NULL, `discharge_Date` date NOT NULL, PRIMARY KEY (`stay_Id`) ) ENGINE=InnoDB DEFAULT
CHARSET=utf8mb4

```

Database Scripts:

- DB_Operations.sql and docx already uploaded in GIT Repo and Canvas

Repo URL: <https://github.com/abhayarora23UNT/UntFdbProjectEHMS2022/tree/main>

Member Contribution Table

| Member Name | Contribution Description | Contribution (%) |
|--------------------------|--|------------------|
| Naveen Kumar Ragam | <ul style="list-style-type: none">• Requirement Analysis• ER Diagram• Documentation• Front End Development (Validations & Unit Testing)• Backend (Routing Fixes) | 14.5 |
| Abhay Arora | <ul style="list-style-type: none">• Managing GIT Repo• Front End Development (Modules Design & Architecture)• Backend (Controller and Routing Fixes)• Database Operations and Creation• Requirement Analysis• ER Diagram• Tasks Management | 16.5 |
| Sai Meghana Gushidi | <ul style="list-style-type: none">• Front End Development (UI Fixes)• Database Operations and Creation• Backend Development (Modules Design & Architecture)• ER Diagram• Documentation• Managing GIT Repo | 16.5 |
| Jai Srinadh Kalluri | <ul style="list-style-type: none">• Documentation• ER Diagram• Database• Backend (Controller Changes) | 15 |
| Prathyusha Yanala | <ul style="list-style-type: none">• Tables Normalization• ER Diagram• Documentation• Backend (Controller Changes) | 14 |
| Swathi Surikanti | <ul style="list-style-type: none">• Tables Normalization• ER Diagram• Documentation• Front End Development (Validations & Unit Testing) | 14 |
| Subramanyam Prasad Sonti | <ul style="list-style-type: none">• ER Diagram• Requirement Analysis• Front End Development (Validations & Unit Testing) | 13 |