

UNIVERSITY OF NORTH TEXAS

COMPUTER SCIENCE DEPARTMENT

CSCE 5350 FUNDAMENTALS OF

DATABASE SYSTEMS

Project Group Number - 8

ELECTRONIC HOSPITAL MANAGEMENT SYSTEM

Group Members

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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 decision-making 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:

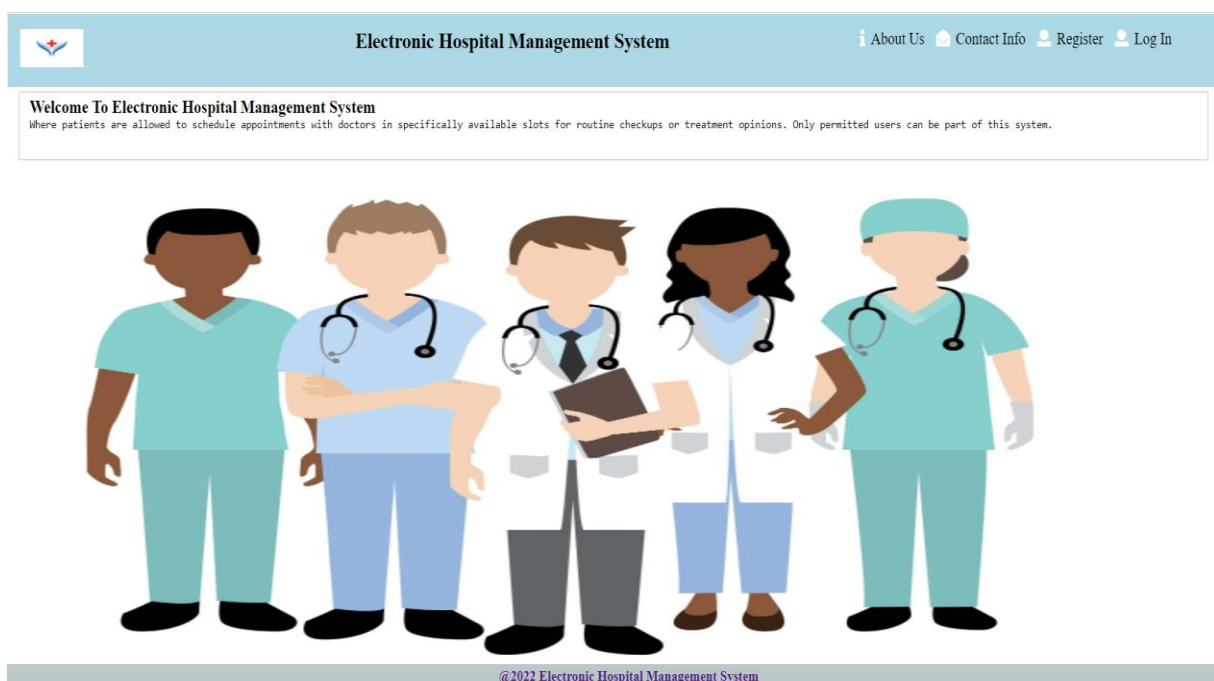
About Us: Displays Hospital Information and its Staff Demographical data.

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:



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:

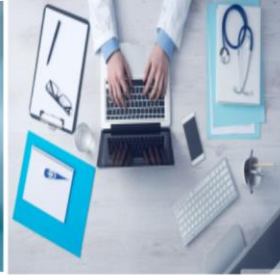




**Electronic Hospital Management System**[Contact Info](#)[Register](#)[Log In](#)

About Electronic Hospital Management System

Electronic Hospital Management System is one of the region's largest, most comprehensive healthcare providers in the Dallas-Fort Worth area comprised of:

- 2 North Texas hospitals
- 1 off-campus emergency rooms
- 5 ambulatory surgery centers
- 1,000 employees
- 60 nurses
- 50 active physicians
- 60 COVID-19 patients
- \$3 million in charity


Parking & Transportation
Free parking is available for all patients and visitors on the Texas Health Denton campus. For more information on where parking is available, view or print a copy of the adjacent campus map.



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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:

**Electronic Hospital Management System**[About Us](#)[Register](#)[Log In](#)

Contact Us:

Send

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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'. The page has a light blue header with the system name and navigation links: 'About Us', 'Contact Info', and 'Log In'. The main content area is titled 'Patient Sign Up' and contains a 'Sign up' section. This section prompts the user to 'Please enter your details to sign up.' and includes several input fields: 'Full Name', 'Email', 'Address', 'City', 'Password', and 'Confirm Password'. Below these fields are radio buttons for 'Gender' (Male and Female) and a checkbox for 'I agree with terms and conditions'. A blue 'Submit' button is positioned at the bottom of the form. At the very bottom of the page, there is a footer with the text '@2022 Electronic Hospital Management System'.

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 'Log in Page' with three distinct buttons: 'ADMIN LOGIN', 'PATIENT LOGIN', and 'DOCTOR LOGIN'. Each button is light blue with black text and a subtle shadow.

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. The page has a light blue header with the system name and navigation links: 'About Us', 'Contact Info', and 'Log In'. The main content area is titled 'Admin Login' and contains a login form. The form has a heading 'Sign into your account' and a prompt 'Please enter your email and password to log in.' It includes two input fields: 'Email' and 'Password'. Below the fields is a blue 'Login' button with a right-pointing arrow. The footer of the page 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 page has a light blue header with the system name and navigation links: 'About Us', 'Contact Info', and 'Log In'. The main content area is titled 'Patient Login' and contains a login form. The form has a heading 'Sign into your account' and a prompt 'Please enter your Patient ID and password to log in.' It includes two input fields: 'Patient ID' and 'Password'. Below the fields is a blue 'Login' button with a right-pointing arrow. There is a link 'Forgot Password?' and a link 'Don't have an account yet? Create an account' at the bottom of the form. The footer of the page displays the copyright notice '@ 2022 Electronic Hospital Management System'.

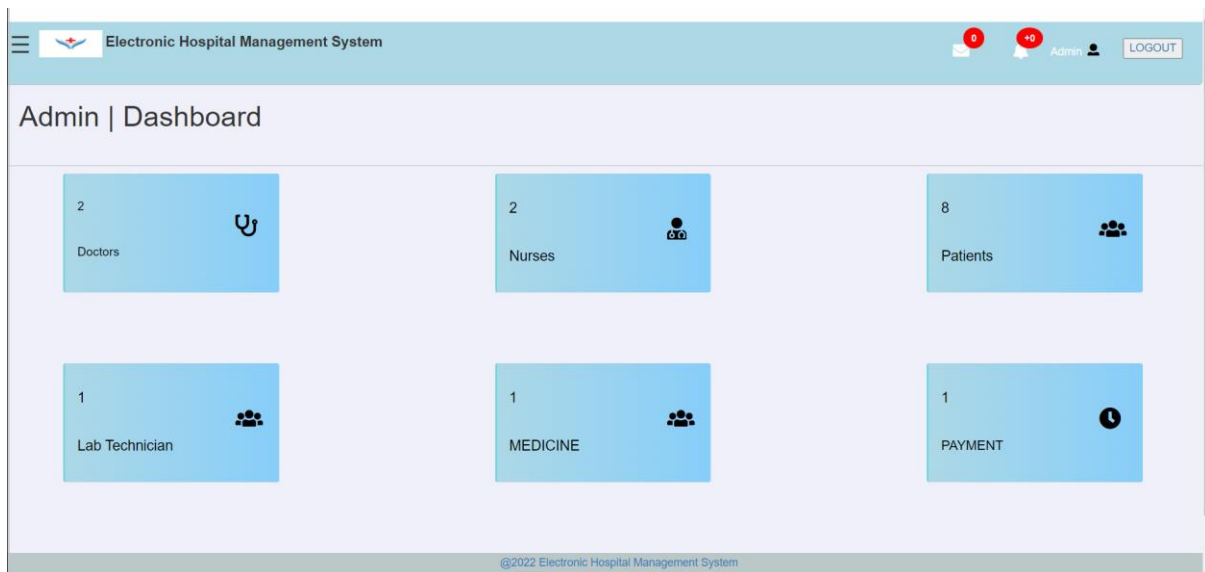
The patient Login page is directed when the patient navigates to the Patient Login of the Login Page. They can be logged in to the application by providing a Patient ID and password.

Doctor Login Page:

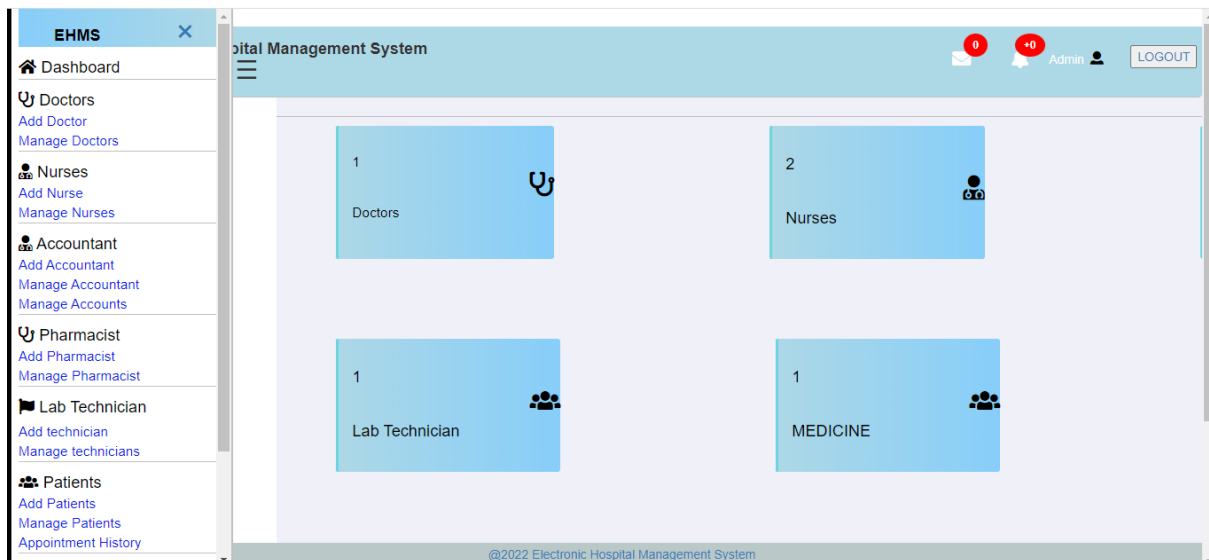
The screenshot shows the 'Doctor Login' page of the 'Electronic Hospital Management System'. The page has a light blue header with the system name and navigation links: 'About Us', 'Contact Info', and 'Log In'. The main content area is white and contains a login form. At the top of the form is a link 'Sign into your account'. Below it is the instruction 'Please enter your Doctor ID and password to log in.' The form has two input fields: 'Doctor ID' and 'Password'. Below the password field is a link 'Forgot Password?'. At the bottom of the form is a blue 'Login' button with a right-pointing arrow. The footer of the page is a grey bar with the text '@ 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.

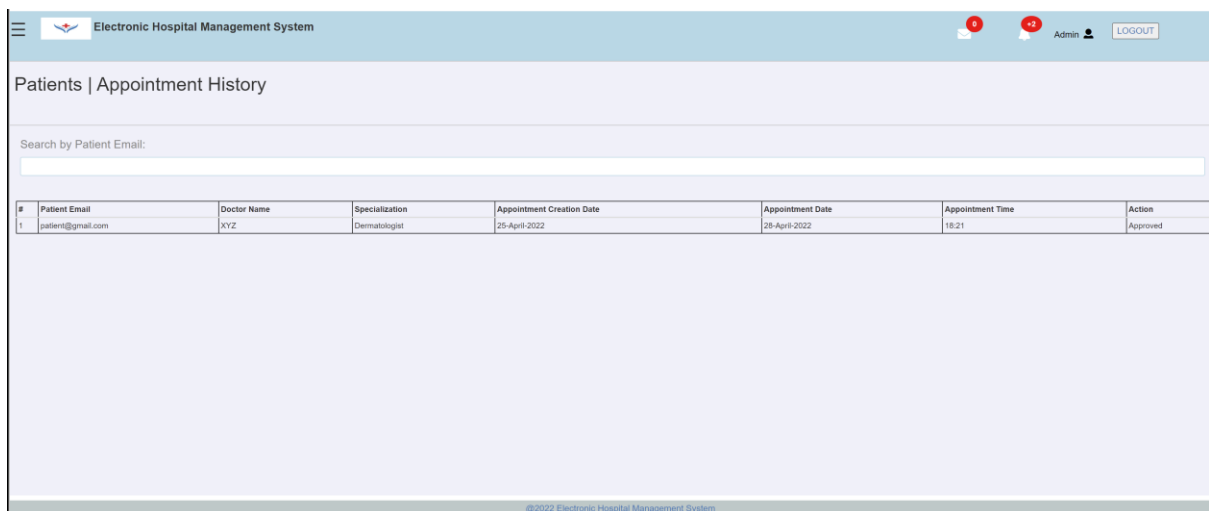
Admin Dashboard:



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



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.



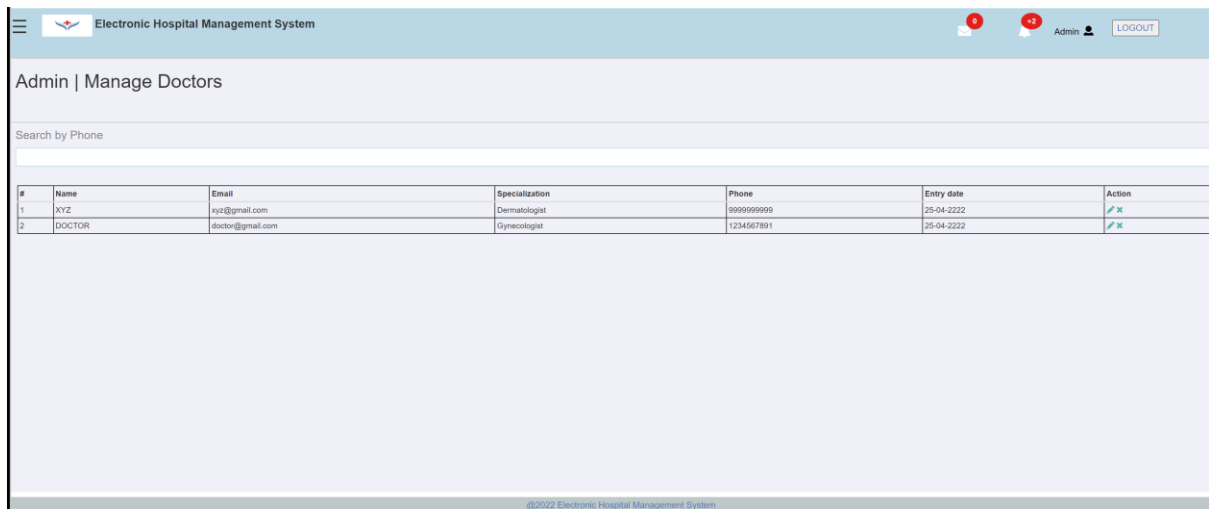
On click of Notifications, the Appointment history page will be visible to the admin i.e. Hospital Management.

Electronic Hospital Management System						
Patients Queries						
#	Name	Phone	Email	Message	Send Date	Status
1	MEGHANA	9999999999	user@gmail.com	excellent services	25-April-2022 09:53:41 pm	unseen
2	XYZ	822846554674	ab@gmail.com	need ambulance	23-April-2022 12:58:24 pm	unseen

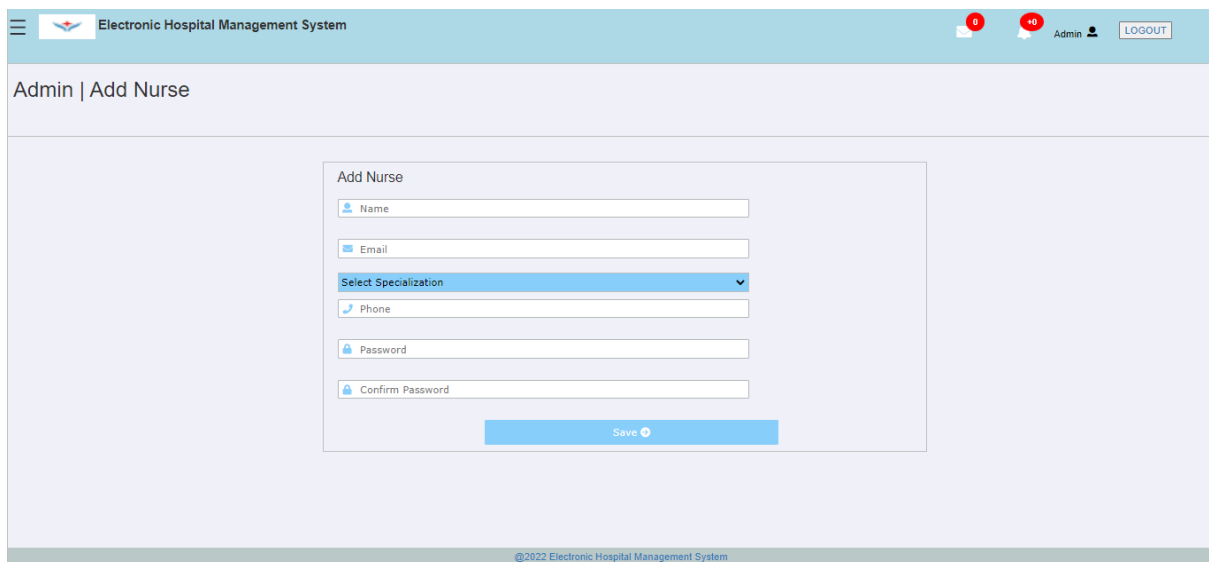
When Admin clicks the queries, the Patient queries page will be visible to the Admin.

Electronic Hospital Management System						
Admin Add Doctor						
<div> <div>Add Doctor</div> <div> <div>Name</div> <div>Email</div> <div>Select Specialization</div> <div>Phone</div> <div>Password</div> <div>Confirm Password</div> <div>Save</div> </div> </div>						

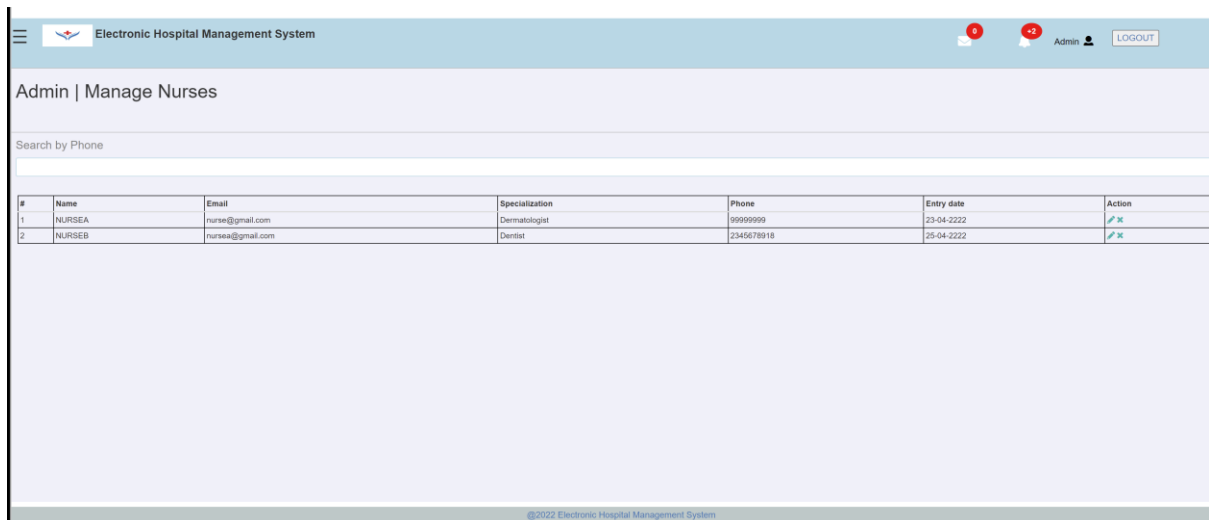
On click of Add Doctor present under doctors in the side Navigation menu. Add Doctor page will be visible to the admin so that add new doctor by providing the information related to Doctor.



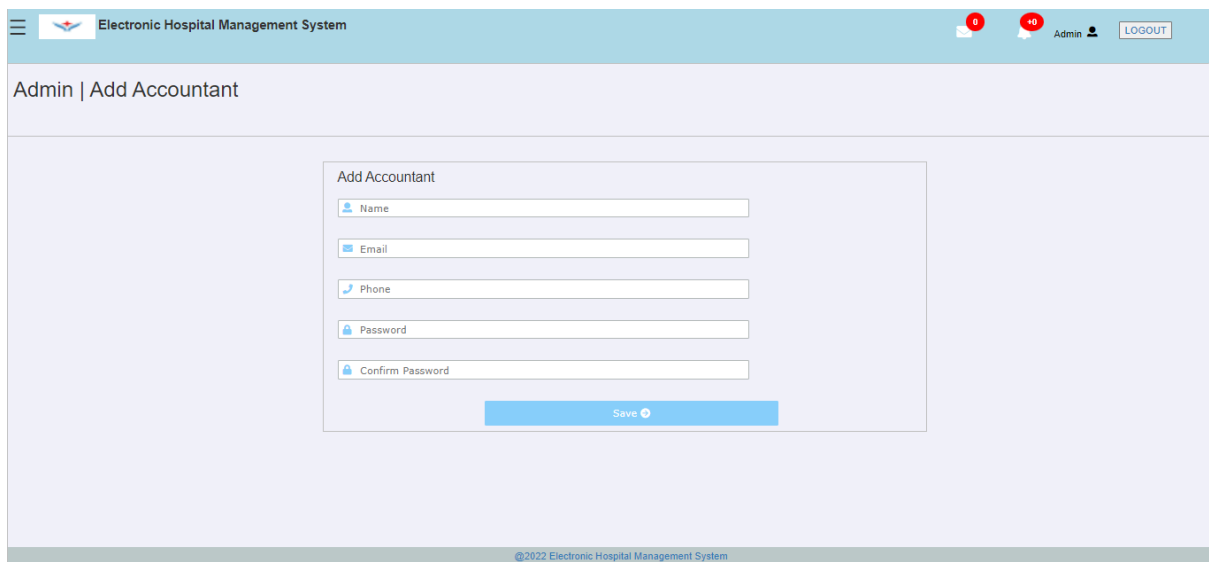
Admin will be able to see the Manage Doctors screen by navigating to the Manage Doctors menu item under the Doctors section in the sidebar of the Admin Dashboard.



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.



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.



On click of Add Accountant 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.

Electronic Hospital Management System

0

+2

Admin

LOGOUT

Admin | Manage Accountant

Search by Phone

#	Name	Email	Phone	Entry date	Action
1	CASHIERA	cashier@gmail.com	8765342918	25-04-2222	✎ ✕

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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.

Electronic Hospital Management System

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+2

Admin

LOGOUT

Admin | Manage Accounts

Search by Email

eg. abc@gmail.com

#	Name	Email	Send date	Amount	Due Amount	Status
1	user1	user@gmail.com	01-March-2022	\$300	0	Paid
2	Meghana	megh@gmail.com	23-March-2022	\$700	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.

Electronic Hospital Management System

Admin | Add Pharmacist

Add Pharmacist

Name

Email

Phone

Password

Confirm Password

Save

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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.

Electronic Hospital Management System

Admin | Manage Pharmacist

Search by Phone

#	Name	Email	Phone	Entry date	Action
1	PHARMACIST	pharmacist@gmail.com	0721692107	10-03-2222	Edit Delete

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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

0

10

Admin

LOGOUT

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

0

10

Admin

LOGOUT

Admin | Manage Lab Technician

Search by Phone

#	Name	Email	Phone	Entry date	Action
1	lab agent2	lab2@gmail.com	9090909090	07-04-2222	✎ ✕
2	lab agent	lab@gmail.com	0734899242	31-03-2222	✎ ✕

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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.

Electronic Hospital Management System

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.

Electronic Hospital Management System

Admin | Manage Patients

Search

select date from picker

Search by phone

#	Name	Phone	Email	City	Address	D.o.b	Date	Gender	View
1	Patient1	0722222278	patient1@gmail.com	Denton	128-MACHINERY	08-October-2020	2022-03-25	Male	View
2	Patient2	0722222278	patient2@gmail.com	ivring	parkridge	08-October-2020	2022-03-30	Male	View

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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.

localhost/FDBproject/UntFdbProjectEHMS2022/Source%20Code/Front-End/VIEW/HTML/ADMIN/patients_appointment_history.php

Electronic Hospital Management System

Patients | Appointment History

Search by Patient Email:

#	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

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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

Patients | FeedBack

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

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

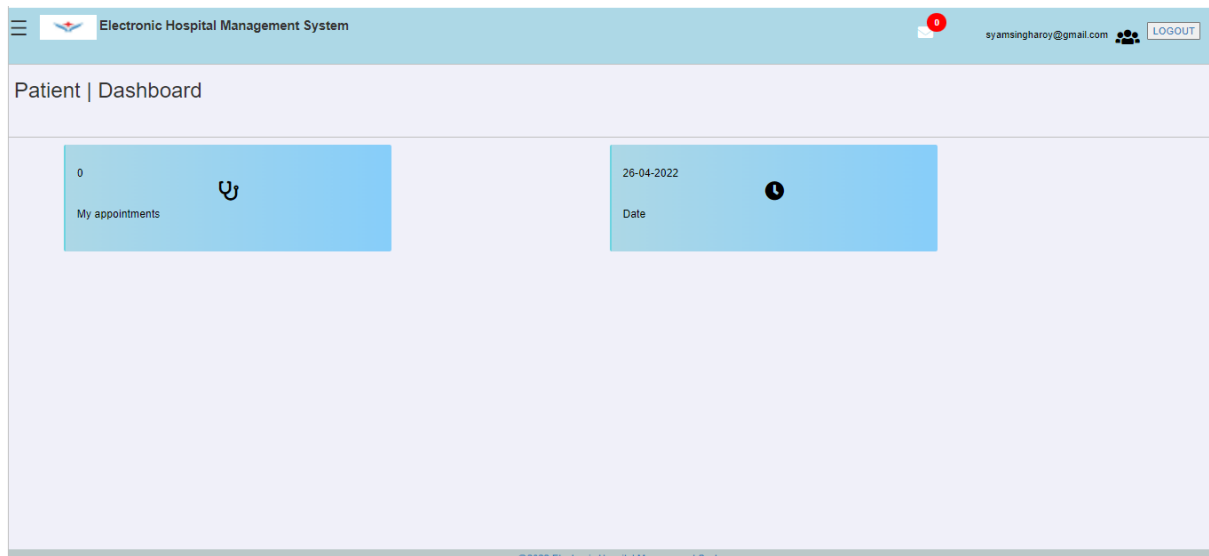
Electronic Hospital Management System							
Patients Queries							
Name	Phone	Email	Message	Send Date	Status	View or Delete	
MEGHANA	9999999999	user@gmail.com	excellent services	25-April-2022 09:53:41 pm	unseen	View X	
XYZ	92284654674	ab@gmail.com	need ambulance	23-April-2022 12:58:24 pm	unseen	View X	

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

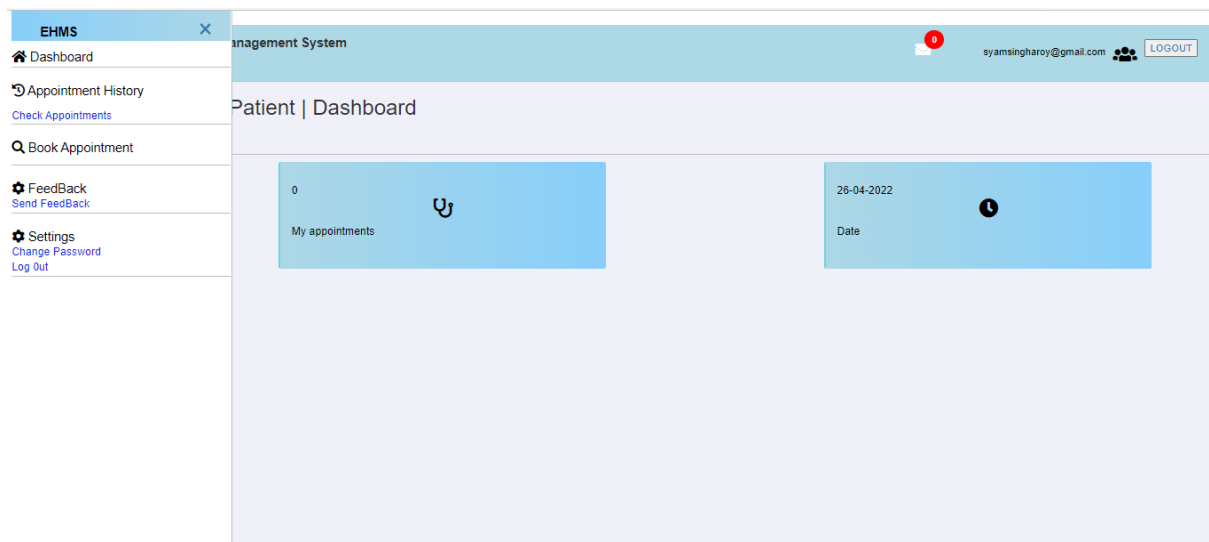
Electronic Hospital Management System							
Admin Change Password							
<div> <div>Change Password</div> <div> <div>Current Password</div> <div>New Password</div> <div>Confirm New Password</div> <div>Submit</div> </div> </div>							

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.

Electronic Hospital Management System					
My Appointment History					
Doctor Name	Specialization	Appointment Creation Date	Appointment Date	Appointment Time	Status
XYZ	Dermatologist	25-April-2022	28-April-2022	18:21	Approved
©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.

Electronic Hospital Management System					
Patient Book Appointment					
<div> <div>Booking Appointment for 'mutuavictor801@gmail.com'</div> <div> <div>Doctor Specialization</div> <div>Specialization</div> </div> <div> <div>Doctor Select Doctor</div> <div></div> </div> <div> <div>Consultation fees</div> <div>1000</div> </div> <div> <div>Date</div> <div>dd-mm-yyyy</div> </div> <div> <div>Time</div> <div>--:--</div> </div> <div>Book</div> </div>					
©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.

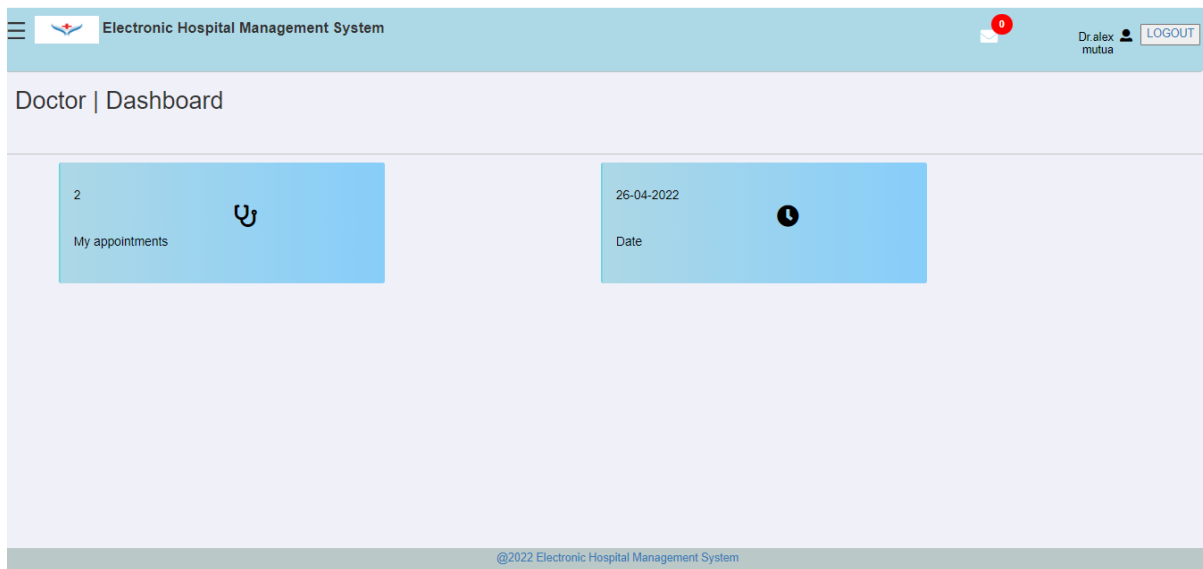
The screenshot shows the 'Patient | FeedBack' page. At the top, there is a header with the system name 'Electronic Hospital Management System', a user email 'mutuavictor801@gmail.com', and a 'LOGOUT' button. The main content area features a 'Send us your feedback!' form. This form includes four dropdown menus: 'Rate our system' (set to 'Simple'), 'How are our services' (set to 'Best'), 'Have you ever raised any complain?' (set to 'No'), and 'Do you have any suggestion to make our system Better?'. Below these is a text input field and a 'Submit' button. The footer contains the copyright notice '@2022 Electronic Hospital Management System'.

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.

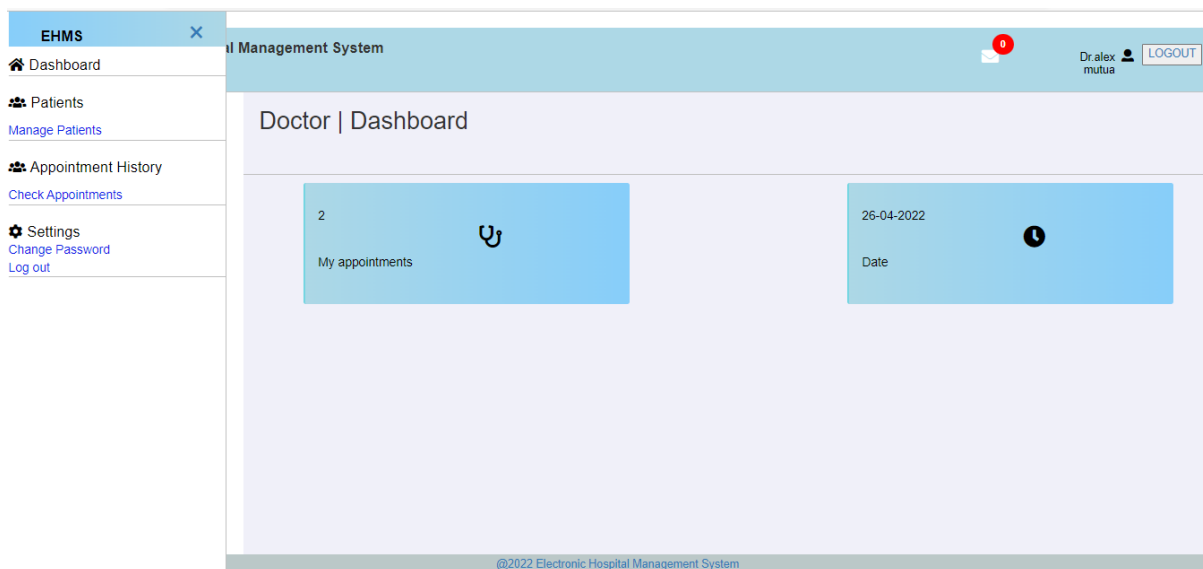
The screenshot shows the 'Patient | Change Password' page. The header is identical to the previous page. The main content area features a 'Change Password' form with three password input fields: 'Current Password', 'New Password', and 'Confirm New Password'. A 'Submit' button is located at the bottom of the form. The footer contains the copyright notice '@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 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

Dr.doctor LOGOUT

Doctor | Manage Patients

Search by Phone

#	Name	Phone	Email	City	Address	D.o.b	Registration date	Gender	Consultation/View
1	Patient1	0722222278	patient1@gmail.com	Denton	128-MACHINERY	08-October-2020	25-March-2022	Male	/ +
2	Patient2	0722222278	patient2@gmail.com	Iving	parkridge	08-October-2020	30-March-2022	Male	/ +

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The doctor will be able to see the Manage Patients screen by navigating to the Manage patients 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

Dr.kxyz LOGOUT

Doctor | Appointment History

Search by Patient Email:

#	Patient Name	Appointment Creation Date	Appointment Date	Appointment Time	Status	Click to Approve/Not
1	patient@gmail.com	25-April-2022	28-April-2022	18:21	Approved	<input checked="" type="checkbox"/>

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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.

Electronic Hospital Management System

Dr. alex mutua LOGOUT

Doctor | Change Password

Change Password

Current Password

New Password

Confirm New Password

Submit

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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.

The screenshot shows the 'Add Doctor' form in the 'Electronic Hospital Management System'. The form is titled 'Add Doctor' and contains the following fields:

- Name: Ravikumar
- Email: ravikumar@gmail.com
- Specialization: Gynecologist (selected from a dropdown menu)
- Phone: 9117458960
- Password: (masked with dots)
- Confirm Password: (masked with dots)

A 'Save' button is located at the bottom right of the form. The system header includes a logo, the title 'Electronic Hospital Management System', and user information 'Admin' with a 'LOGOUT' button. The footer shows the copyright notice '@2022 Electronic Hospital Management System'.


Data saved into table

The screenshot shows the 'Add Doctor' form in the 'Electronic Hospital Management System' after the data has been successfully saved. The form is titled 'Add Doctor' and contains the following fields:

- Name: (empty)
- Email: (empty)
- Specialization: Select Specialization (selected from a dropdown menu)
- Phone: (empty)
- Password: (empty)
- Confirm Password: (empty)


A green message 'Doctor ravikumar added successfully' is displayed below the form fields. A 'Save' button is located at the bottom right of the form. The system header includes a logo, the title 'Electronic Hospital Management System', and user information 'Admin' with a 'LOGOUT' button. The footer shows the copyright notice '@2022 Electronic Hospital Management System'.

Table after successfully inserting data.





Electronic Hospital Management System

0







0



Admin 

LOGOUT

Search by Phone



#	Name	Email	Specialization	Phone	Entry date	Action
1	RAVIKUMAR	ravikumar@gmail.com	Gynecologist	9117458960	25-04-2222	 
2	NAVEEN	naveenr@gmail.com	Dentist	8117458960	25-04-2222	 

@2022 Electronic Hospital Management System


Data updated in database.


The screenshot displays the phpMyAdmin web interface. On the left is a sidebar with a tree view of the database structure, including tables like 'patient', 'prescription', 'table_admin', 'table_appointment_history', 'table_basic_test', 'table_contactus', 'table_doctor' (selected), 'table_feedback', 'table_finance', 'table_images', 'table_lab_report', 'table_lab_results', 'table_lab_technician', 'table_medical_history', 'table_nurse', 'table_patients', 'table_patients2', 'table_payments', 'table_pharmacist', 'table_pharmacy', 'user', and 'information_schema'. The main area shows the 'Table: table_doctor' structure and data. The top navigation bar includes links for Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers. The SQL tab is active, showing a query: `SELECT * FROM `table_doctor``. Below the query, there are options to Show all, Number of rows (25), Filter rows (Search this table), and Sort by key (None). The query results are displayed in a table with columns: user_id, Avatar, Name, Email, Specialization, Phone, Entry_date, and Password. Two rows of data are shown: one for RAVIKUMAR (Gynecologist) and one for NAVEEN (Dentist). Below the table, there are options to Check all, With selected, Edit, Copy, Delete, and Export. At the bottom, there are links for Print, Copy to clipboard, Export, Display chart, and Create view. A 'Bookmark this SQL query' button is also visible.


Modifying data in doctor table



Electronic Hospital Management System

0

+0


Admin 


LOGOUT

Edit Doctor Info


naveen's Profile


Registration Date: 25-04-2222

naveen

naveenr@gmail.com



Orthopaedic

8117458960


Update 


@2022 Electronic Hospital Management System


After modifying doctor table



Electronic Hospital Management System

0





+0

Admin 

LOGOUT

Doctor naveen details updated successfully

Search by Phone

#	Name	Email	Specialization	Phone	Entry date	Action
1	RAVIKUMAR	ravikumar@gmail.com	Gynecologist	9117458960	25-04-2222	 
2	NAVEEN	naveenr@gmail.com	Orthopaedic	8117458960	25-04-2222	 

@2022 Electronic Hospital Management System

Data modified successfully in database.

The screenshot shows the phpMyAdmin interface for a database named 'hospital'. The 'table_doctor' table is selected, and the SQL query 'SELECT * FROM `table_doctor`' is executed. The table contains two rows:


user_id	Avatar	Name	Email	Specialization	Phone	Entry_date	Password
9		RAVIKUMAR	ravikumar@gmail.com	Gynecologist	9117458960	2022-04-25 21:46:43	e10adc3949ba59abbe56e057120f883e
10		NAVEEN	naveenr@gmail.com	Orthopaedic	8117458960	2022-04-25 21:47:38	e10adc3949ba59abbe56e057120f883e




Deleting data from doctor table.

The screenshot shows the 'Electronic Hospital Management System' interface. A confirmation dialog box is displayed, asking 'Are you sure you want to delete Doctor RAVIKUMAR'. The dialog has 'OK' and 'Cancel' buttons. In the background, the system shows a search bar and a table of doctors:

#	Name	Email	Specialization	Phone	Entry date	Action
1	RAVIKUMAR	ravikumar@gmail.com	Gynecologist	9117458960	25-04-2222	
2	NAVEEN	naveenr@gmail.com	Orthopaedic	8117458960	25-04-2222	



Deleting data successfully from doctor table.

 **Electronic Hospital Management System**

  Admin  LOGOUT


Doctor deleted from the system successfully

Search by Phone

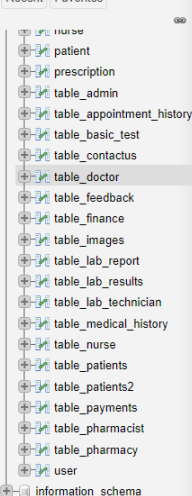
#	Name	Email	Specialization	Phone	Entry date	Action
1	NAVEEN	naveenr@gmail.com	Orthopaedic	8117458960	25-04-2222	 

@2022 Electronic Hospital Management System












Deleted data reflected in database.



Recent Favorites



Server: 127.0.0.1 » Database: hospital » Table: table_doctor

Showing rows 0 - 0 (1 total, Query took 0.0006 seconds.)





SELECT * FROM `table_doctor`

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

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






Options

	user_id	Avatar	Name	Email	Specialization	Phone	Entry_date	Password
<input type="checkbox"/>	10		NAVEEN	naveenr@gmail.com	Orthopaedic	8117458960	2022-04-25 21:47:38	e10adc3949ba59abbe56e057f20f883e

☐ Check all | With selected:    


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

Query results operations


    




Bookmark this SQL query

Label: ☐ Let every user access this bookmark


Console  this SQL query


Inserting data into Nurse table


 Electronic Hospital Management System


 0  +0 Admin  LOGOUT


Add Nurse


 Mounica

 mounicach@gmail.com

 Orthopaedic

 6117893260









Save

@2022 Electronic Hospital Management System

Data successfully saved

 Electronic Hospital Management System

 0  +0 Admin  LOGOUT

Add Nurse

Name

Email

Select Specialization

Phone

Password

Confirm Password

Nurse mounica added successfully

Save

@2022 Electronic Hospital Management System

Data inserted into nurse table

Electronic Hospital Management System						
Search by Phone						
#	Name	Email	Specialization	Phone	Entry date	Action
1	MOUNICA	mounicach@gmail.com	Clinical Officer	6117893261	25-04-2222	✎ ✕
2	TEENA	teenas@gmail.com	Pediatrician	8972879261	25-04-2222	✎ ✕

Data successfully inserted into database

phpMyAdmin

Server: 127.0.0.1 Database: hospital Table: table_nurse

Showing rows 0 - 1 (2 total, Query took 0.0009 seconds.)

SELECT * FROM `table_nurse`

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

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

+ Options

	user_id	Avatar	Name	Email	Specialization	Phone	Entry_date	Password
<input type="checkbox"/>	10		MOUNICA	mounicach@gmail.com	Clinical Officer	6117893261	2022-04-25 21:55:07	e10adc3949ba59abbe56e057f20f883e
<input type="checkbox"/>	11		TEENA	teenas@gmail.com	Pediatrician	8972879261	2022-04-25 21:56:28	e10adc3949ba59abbe56e057f20f883e

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


Console ☐ Let every user access this bookmark

Modifying nurse table

**Electronic Hospital Management System**


**0**


**+0**

Admin 


LOGOUT


Edit Nurse Info
teena's Profile
Registration Date: 25-04-2222

 teena S

 teenas@gmail.com



Pediatrician


 8972879261


Update 


@2022 Electronic Hospital Management System

Modified successfully saved into table

**Electronic Hospital Management System**

**0**





**+0**

Admin 

LOGOUT


Nurse teena s details updated successfully

Search by Phone

#	Name	Email	Specialization	Phone	Entry date	Action
1	MOUNICA	mounicach@gmail.com	Clinical Officer	6117893261	25-04-2222	 
2	TEENA S	teenas@gmail.com	Pediatrician	8972879261	25-04-2222	 

@2022 Electronic Hospital Management System

Deleting data from nurse table

**Electronic Hospital Management System**

localhost says
Are you sure you want to delete Nurse MOUNICA

OK

Cancel

0

+0


Admin

LOGOUT

Search by Phone

@2022 Electronic Hospital Management System

Table after deleting a tuple in nurse table

**Electronic Hospital Management System**

0

+0

Admin

LOGOUT

Search by Phone

@2022 Electronic Hospital Management System

Successfully data deleted in database

The screenshot shows the phpMyAdmin interface for a database named 'hospital'. The 'table_nurse' table is selected. The SQL query editor shows the command: `SELECT * FROM `table_nurse``. The query results show one row with the following data:

user_id	Avatar	Name	Email	Specialization	Phone	Entry_date	Password
11		TEENAS	teenas@gmail.com	Pediatrician	8972879261	2022-04-25 21:56:28	e10adc3949ba59abbe56e057f20f883e

The interface also shows options for deleting the selected row, including a 'Delete' button and a 'Confirm' dialog box.

Insert data into Pharmacist table

The screenshot shows the 'Electronic Hospital Management System' interface. The 'Add Pharmacist' form is displayed, with the following fields and values:

- Name: Praveen H
- Email: praveenh@gmail.com
- Phone: 8972879262
- Password: (masked with dots)
- Confirm Password: (masked with dots)

The 'Save' button is visible at the bottom of the form.

Data saved into table successfully

Electronic Hospital Management System

Admin LOGOUT

Add Pharmacist

Pharmacist praveen h added successfully

@2022 Electronic Hospital Management System

Data reflected successfully in database

Server: 127.0.0.1 » Database: hospital » Table: table_pharmacist

Showing rows 0 - 3 (4 total, Query took 0.0007 seconds.)

`SELECT * FROM `table_pharmacist``

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

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

+ Options

	user_id	Name	Email	Phone	Avatar	Entry_date	Password
<input type="checkbox"/>	3	PRAVEEN CH	praveench@gmail.com	8972879260		2022-04-25 21:08:58	e10adc3949ba59abbe56e057f20f883e
<input type="checkbox"/>	4	PRAVEEN H	praveenh@gmail.com	8972879262		2022-04-25 22:05:53	e10adc3949ba59abbe56e057f20f883e
<input type="checkbox"/>	5	ABHAY A	abhaya@gmail.com	6117893160		2022-04-25 22:07:34	e10adc3949ba59abbe56e057f20f883e

☐ 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](#)

☐ Let every user access this bookmark

Modifying Pharmacist table

**Electronic Hospital Management System**

0

0

Admin

LOGOUT

Edit Pharmacist Info

PRAVEEN CH's Profile

Registration Date: 25-04-2222

PRAVEEN CH


praveench@gmail.com

67869665699

Update

@2022 Electronic Hospital Management System

Successfully modified Pharmacist table

**Electronic Hospital Management System**

0

0

Admin

LOGOUT


technician praveen ch details updated successfully

Search by Phone

#	Name	Email	Phone	Entry date	Action
1	PRAVEEN CH	praveench@gmail.com	67869665699	25-04-2222	✎ ✕
2	PRAVEEN H	praveenh@gmail.com	8972879262	25-04-2222	✎ ✕
3	ABHAY A	abhaya@gmail.com	6117893160	25-04-2222	✎ ✕

@2022 Electronic Hospital Management System

Deleting data in Pharmacist table

 **Electronic Hospital Management System**

0

+0







Admin

LOGOUT

localhost says
Are you sure you want to delete Pharmacist PRAVEEN H


OKCancel

Search by Phone

#	Name	Email	Phone	Entry date	Action
1	PRAVEEN CH	praveench@gmail.com	67869665699	25-04-2222	 
2	PRAVEEN H	praveenh@gmail.com	8972879262	25-04-2222	 
3	ABHAY A	abhaya@gmail.com	6117893160	25-04-2222	 

@2022 Electronic Hospital Management System

Successfully deleted the data from table

 **Electronic Hospital Management System**

0





+0

Admin

LOGOUT

Pharmacist deleted from the system successfully

Search by Phone

#	Name	Email	Phone	Entry date	Action
1	PRAVEEN CH	praveench@gmail.com	67869665699	25-04-2222	 
2	ABHAY A	abhaya@gmail.com	6117893160	25-04-2222	 

@2022 Electronic Hospital Management System

Pharmacist table after deleting data.

Server: 127.0.0.1 » Database: hospital » Table: table_pharmacist

Showing rows 0 - 1 (2 total, Query took 0.0006 seconds)

```
SELECT * FROM `table_pharmacist`
```

Options

	user_id	Name	Email	Phone	Avatar	Entry_date	Password
<input type="checkbox"/>	3	PRAVEEN CH	praveench@gmail.com	67869665699		2022-04-25 21:08:58	e10adc3949ba59abbe56e057f20f883e
<input type="checkbox"/>	5	ABHAY A	abhaya@gmail.com	6117893160		2022-04-25 22:07:34	e10adc3949ba59abbe56e057f20f883e

Query results operations

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Insert data into Lab Technician table

Electronic Hospital Management System

Admin

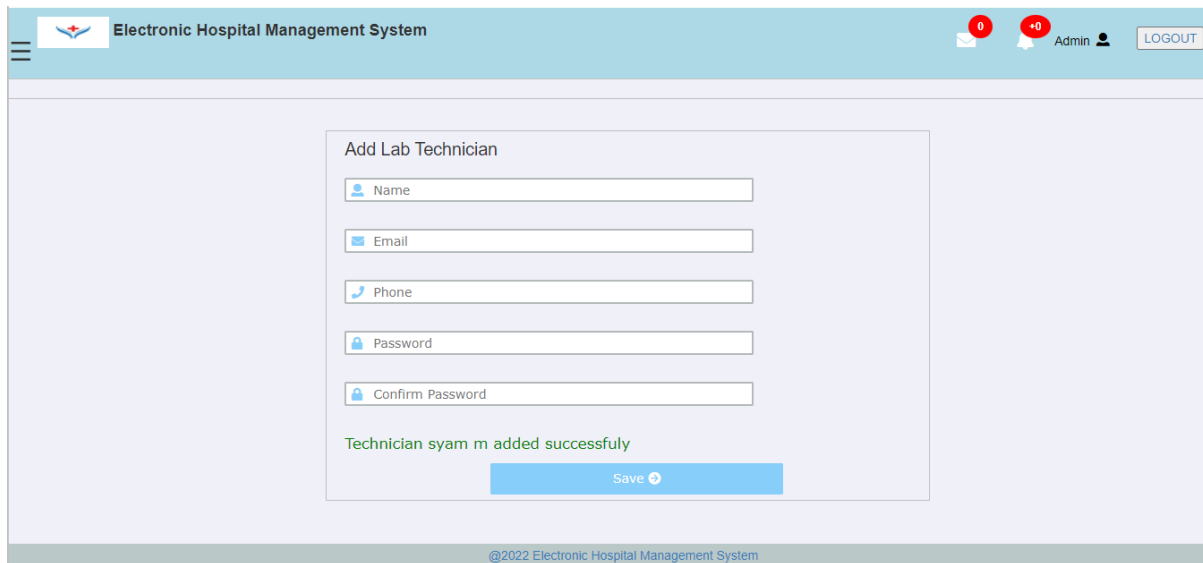
LOGOUT

Add Lab Technician

Save

@2022 Electronic Hospital Management System

Successfully added into Lab Technician table



Electronic Hospital Management System

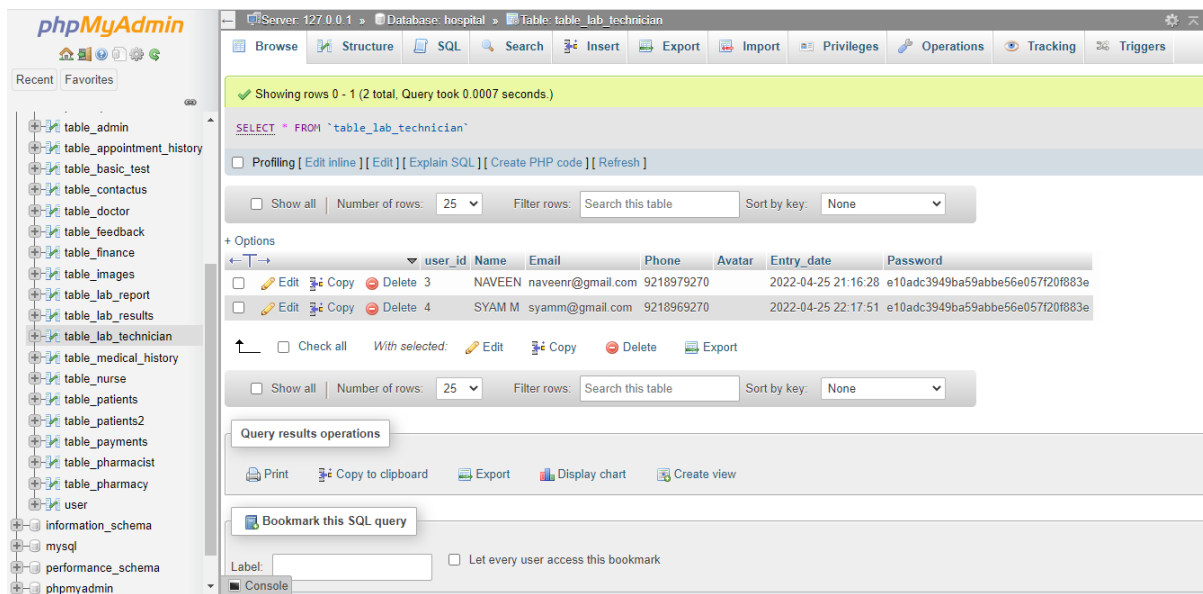
Admin LOGOUT

Add Lab Technician

Technician syam m added successfully

@2022 Electronic Hospital Management System

Lab Technician table after inserting data.



Server: 127.0.0.1 Database: hospital Table: table_lab_technician

Showing rows 0 - 1 (2 total, Query took 0.0007 seconds.)

```
SELECT * FROM `table_lab_technician`
```

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

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

	user_id	Name	Email	Phone	Avatar	Entry_date	Password
<input type="checkbox"/>	3	NAVEEN	naveenr@gmail.com	9218979270		2022-04-25 21:16:28	e10adc3949ba59abbe56e057f20f883e
<input type="checkbox"/>	4	SYAM M	syamm@gmail.com	9218969270		2022-04-25 22:17:51	e10adc3949ba59abbe56e057f20f883e

☐ Check all | With selected:

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


Query results operations

Bookmark this SQL query

Label: ☐ Let every user access this bookmark


Console

Modifying Technician table

 Electronic Hospital Management System

0

+0


Admin 


LOGOUT


Edit Technician Info


NAVEEN's Profile

Registration Date: 25-04-2222

 NAVEEN


 naveenr@gmail.com

 9218977430

Update 


@2022 Electronic Hospital Management System

Successfully saved modified details

 Electronic Hospital Management System

0





+0

Admin 

LOGOUT


Technician naveen details updated successfully

Search by Phone

#	Name	Email	Phone	Entry date	Action
1	NAVEEN	naveenr@gmail.com	9218977430	25-04-2222	 
2	SYAM M	syamm@gmail.com	9218969270	25-04-2222	 




@2022 Electronic Hospital Management System

Delete data from Technician table.

**Electronic Hospital Management System**





localhost says
Are you sure you want to delete Technician SYAM M

OKCancel

**0****+0**Admin  [LOGOUT](#)


Technician naveen details updated successfully




Search by Phone

#	Name	Email	Phone	Entry date	Action
1	NAVEEN	naveenr@gmail.com	9218977430	25-04-2222	 
2	SYAM M	syamm@gmail.com	9218969270	25-04-2222	 

@2022 Electronic Hospital Management System



Technician table after deleting data.

**Electronic Hospital Management System**

**0****+0**Admin  [LOGOUT](#)

ab technician deleted from the system successfully

Search by Phone

#	Name	Email	Phone	Entry date	Action
1	NAVEEN	naveenr@gmail.com	9218977430	25-04-2222	 

@2022 Electronic Hospital Management System

After deleting data in technician table

The screenshot shows the phpMyAdmin interface for a database named 'hospital'. The 'Table: table_lab_technician' is selected. The SQL tab is active, showing a query: `SELECT * FROM `table_lab_technician``. The table structure is visible, with columns: `user_id`, `Name`, `Email`, `Phone`, `Avatar`, `Entry_date`, and `Password`. The table contains one row with the following data:

user_id	Name	Email	Phone	Avatar	Entry_date	Password
3	NAVEEN	naveenr@gmail.com	9218977430		2022-04-25 21:16:28	e10adc3949ba59abbe56e057f20f883e

The interface also shows options for query results operations: Print, Copy to clipboard, Export, Display chart, and Create view. A bookmark section is visible at the bottom.


Insert data into Patients table


The screenshot shows the 'Add Patients' form in the 'Electronic Hospital Management System'. The form contains the following fields and options:


- Name: Meghana
- Phone: 6117823260
- Email: meghanag@gmail.com
- Address: Vizag
- Home apt: 121 Home apt
- Date of Birth: 14-06-1995
- Gender: ☐ Male ☒ Female
- Save button


The footer of the page reads: @2022 Electronic Hospital Management System

Successfully added data into Patients table

 **Electronic Hospital Management System**


 0


 +0


Admin 


LOGOUT


Add Patients



 Full Name

 Phone

 Email


 City

 Address

 dd-mm-yyyy 


Gender
Male ☐ Female ☐


Patient meghana added successfully


Save 


@2022 Electronic Hospital Management System

After inserting data into Patient table

 **Electronic Hospital Management System**

 0

 +0




Admin 

LOGOUT

Search

select date from picker

Search by phone

#	Name	Phone	Email	City	Address	D.o.b	Date	Gender	View
1	PAUL KA	8973219760	paulka@gmail.com	NEWYORK	121 HOME APT	25-June-1966	2022-04-26	Male	
2	MEGHANA	6117823260	meghanag@gmail.com	VIZAG	121 HOME APT	14-June-1995	2022-04-26	Female	
3	SWATHI	8972679260	swathis@gmail.com	DELHI	133 NEFT STREET	25-June-1998	2022-04-26	Female	

@2022 Electronic Hospital Management System

After inserting data into Patient table

The screenshot shows the phpMyAdmin interface for the 'hospital' database. The 'table_patients' table is selected, and the SQL query 'SELECT * FROM `table_patients`' is executed. The results show 3 rows of data:

	user_id	FullName	Phone	Email	City	Address	DOB	Visit_date	Gender
<input type="checkbox"/>	11	PAUL KA	8973219760	paulka@gmail.com	NEWYORK	121 HOME APT	1966-06-25	2022-04-26	Male
<input type="checkbox"/>	12	MEGHANA	6117823260	meghanag@gmail.com	VIZAG	121 HOME APT	1995-06-14	2022-04-26	Female
<input type="checkbox"/>	13	SWATHI	8972679260	swathis@gmail.com	DELHI	133 NEFT STREET	1998-06-25	2022-04-26	Female

Insert data into Accountant table

The screenshot shows the 'Add Accountant' form in the Electronic Hospital Management System. The form contains the following fields:

- Full Name: Subramanyam
- Email: subramanyams@gmail.com
- Phone: 9218379270
- Password: (masked with dots)
- Confirm Password: (masked with dots)

A 'Save' button is located at the bottom of the form.

Table after inserting the data into Accountant table

Electronic Hospital Management System					
Search by Phone					
#	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

Server: 127.0.0.1 Database: hospital Table: table_finace

Showing rows 0 - 1 (2 total, Query took 0.0032 seconds.)

SELECT * FROM `table_finace`

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

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

Options

	user_id	Name	Email	Phone	Avatar	Entry_date	Password
<input type="checkbox"/>	3	SUBRAMANYAM	subramanyams@gmail.com	9218379270		2022-04-25 22:28:57	e10adc3949ba59abbe56e057f20f883e
<input type="checkbox"/>	4	CHANDRAM	chandramn@gmail.com	8972869260		2022-04-25 22:29:48	e10adc3949ba59abbe56e057f20f883e

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

Console

Modifying Accountant table

 Electronic Hospital Management System

0

0

Admin

LOGOUT

Edit Accountant Info

SUBRAMANYAM's Profile

Registration Date: 25-04-2222

SUBHRAMANYAM


subramanyams@gmail.com

9218379270

Update

@2022 Electronic Hospital Management System

Data saved successfully into Accountant table

 Electronic Hospital Management System

0

0

Admin

LOGOUT

accountant subhrmanyam details updated successfully

Search by Phone

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

@2022 Electronic Hospital Management System

After modifying Accountant table

The screenshot shows the phpMyAdmin interface for a database named 'hospital'. The 'Table: table_finace' is selected. The SQL query bar shows a successful query: `SELECT * FROM `table_finace``. The table structure is displayed with columns: `user_id`, `Name`, `Email`, `Phone`, `Avatar`, `Entry_date`, and `Password`. The table contains two rows of data:

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

The interface also shows options for query results operations (Print, Copy to clipboard, Export, Display chart, Create view) and a bookmark section.

Deleting data from Accountant table

The screenshot shows the 'Electronic Hospital Management System' interface. A confirmation dialog box is displayed, asking: 'Are you sure you want to delete Cashier CHANDRAM?'. The dialog has 'OK' and 'Cancel' buttons. The background shows a table of accountants with columns: #, Name, Email, Phone, Entry date, and Action. The table contains two rows:

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

The interface also includes a search bar labeled 'Search by Phone' and a footer with the text '@2022 Electronic Hospital Management System'.

Table after deleting data from Accountant table

The screenshot shows the phpMyAdmin interface for a database named 'hospital'. The selected table is 'table_finace'. The status bar indicates 'Showing rows 0 - 0 (1 total, Query took 0.0006 seconds.)'. The SQL query entered is 'SELECT * FROM `table_finace`'. The table structure shows columns: user_id, Name, Email, Phone, Avatar, Entry_date, and Password. The table is currently empty.

Doctors prescription

Electronic Hospital Management System
0
Dr.naveen
LOGOUT

Lab Form

#	Email	Name	Phone	Symptoms(Additional Details of Patient)	Test('s)
	meghanag@gmail.com	meghana	6117823260	Malaria	Montox

Lab

Finance Form

#	Email	Name	Phone	Consultation fee	Lab test fee	Pharmacy fee	Treatment fee
	meghanag@gmail.com	meghana	6117823260	1000			

Finance

Pharmacy Form

#	Email	Name	Phone	Medical Prescription
---	-------	------	-------	----------------------

@2022 Electronic Hospital Management System

Data reflected in Database after doctor inserting data

The screenshot shows the phpMyAdmin interface for a database named 'hospital'. The 'table_lab_report' table is selected, and the SQL query 'SELECT * FROM `table_lab_report`' is executed. The results show two rows of data:

	Id	Name	Email	Phone	Symptoms	Test	Results	Send_date	Status
<input type="checkbox"/>	7	paul k a	paulka@gmail.com	8973219760	24 hour stomach pain	Appendix test		2022-04-25 22:52:31	Not Tested
<input type="checkbox"/>	9	meghana	meghanag@gmail.com	6117823260	Malaria	Montox		2022-04-25 22:55:40	Not Tested

Doctor able to insert the fee for patient


The screenshot shows the 'Electronic Hospital Management System' interface. The user is logged in as 'Dr.naveen'. The 'Finance Form' is displayed, showing a table with patient data and fees:



#	Email	Name	Phone	Consultation fee	Lab test fee	Pharmacy fee	Treatment fee
	swathis@gmail.com	swathi	8972679260	1000	860	2500	140000

The 'Pharmacy Form' is also displayed, showing a table with patient data and medical prescriptions:

#	Email	Name	Phone	Medical Prescription
	swathis@gmail.com	swathi	8972679260	

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

 **Electronic Hospital Management System**


  **Dr.naveen** [LOGOUT](#)

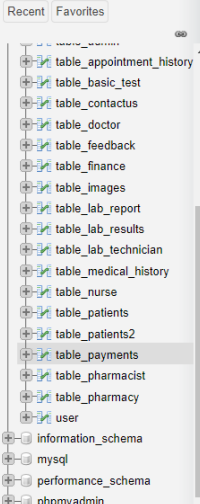
Patient Send to Finance successfully

Search by Phone

@2022 Electronic Hospital Management System

Data reflected in table

 **phpMyAdmin**



- Recent
- Favorites
- table_appointment_history
- table_basic_test
- table_contactus
- table_doctor
- table_feedback
- table_finance
- table_images
- table_lab_report
- table_lab_results
- table_lab_technician
- table_medical_history
- table_nurse
- table_patients
- table_patients2
- table_payments
- table_pharmacist
- table_pharmacy
- user
- information_schema
- mysql
- performance_schema
- phpmyadmin

Server: 127.0.0.1 » Database: hospital » Table: table_payments

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#) [Tracking](#) [Triggers](#)

Showing rows 0 - 1 (2 total, Query took 0.0017 seconds.)

SELECT * FROM `table_payments`

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

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

+ Options

		Id	Email	Name	Consultation_fee	Lab_test_fee	Treatment_fee	Pharmacy_fee	Other_charges	Total_amount	Mp	
<input type="checkbox"/>	Edit	Copy	Delete	13	swathis@gmail.com	swathi	1000	860	140000	2500	144360	0
<input type="checkbox"/>	Edit	Copy	Delete	14	paulka@gmail.com	paul k a	1000	860	300000	1700	303560	0

☐ 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](#)

☐ Let every user access this bookmark

Console

Doctor able to insert the medicine for the patient

 **Electronic Hospital Management System** 0 Dr.naveen LOGOUT

[Lab](#)

Finance Form

#	Email	Name	Phone	Consultation fee	Lab test fee	Pharmacy fee	Treatment fee
	paulka@gmail.com	paul k a	8973219760	1000			

[Finance](#)


Pharmacy Form

#	Email	Name	Phone	Medical Prescription
	paulka@gmail.com	paul k a	8973219760	<div>pantop D Dygiene</div>

[Pharmacy](#)

@2022 Electronic Hospital Management System

Data reflected in table

 **phpMyAdmin**

Recent Favorites

table_appointment_history

table_basic_test

table_contactus

table_doctor

table_feedback

table_finance

table_images

table_lab_report

table_lab_results

table_lab_technician

table_medical_history

table_nurse

table_patients

table_patients2

table_payments

table_pharmacist

table_pharmacy

user

information_schema

mysql

performance_schema

phpmyadmin

test

Server: 127.0.0.1 » Database: hospital » Table: table_pharmacy

[Browse](#) [Structure](#) [SQL](#) [Search](#) [Insert](#) [Export](#) [Import](#) [Privileges](#) [Operations](#) [Tracking](#) [Triggers](#)

Showing rows 0 - 1 (2 total, Query took 0.0009 seconds)

SELECT * FROM `table_pharmacy`

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

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

+ Options

<input type="checkbox"/>	Edit	Copy	Delete	6	paulka@gmail.com	paul k a	8973219760	pantop D Dygiene insulin
								Not Prescribed 2022-04-25 23:01:13
<input type="checkbox"/>	Edit	Copy	Delete	7	swathis@gmail.com	swathi	8972679260	Gelatin Dolo 650
								Not Prescribed 2022-04-25 23:02:29

☐ 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

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 (  
  CI_Id int(15) NOT NULL,  
  firstName varchar(255) NOT NULL,  
  Surname varchar(255) NOT NULL,  
  PRIMARY KEY (`CI_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
```

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