

North South University
Department of Electrical & Computer Engineering
PROJECT REPORT

Course Code: CSE 311L

Course Title: Database Management System Lab

Section: 03

Project Name: Centralized Hospital Management System Using MySQL

CHMS

Date of Submission: 11 November 2023

Submitted by Group Number: 02

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Project Title: Centralized Hospital Management System Using MySQL

Group: 02

Members: 02

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02. Joy Kumar Ghosh – 2211424 6 42

Introduction:

The proposed project aims to develop a centralized Hospital Management System (CHMS) using MySQL that will revolutionize the way patient information is managed across multiple hospitals. With the advancement of technology, the need for efficient and secure patient data sharing among medical professionals has become crucial. Our project seeks to address this challenge by creating a robust system that allows doctors to access patient history and prescribe treatments seamlessly.

Objectives of the Project:

- Develop a centralized database system to store patient information from various hospitals.
- Enable doctors to access patient medical history and prescribe medications electronically.
- Implement a secure authentication and authorization mechanism for user access.
- Provide an intuitive user interface for doctors to interact with patient records.

Tools Needed (Software):

- MySQL Database Management System (XAMPP).
- Programming Languages: SQL, PHP, HTML, CSS, JS, AJAX
- Integrated Development Environment (IDE) – Sublime Text.

Features of the Project:

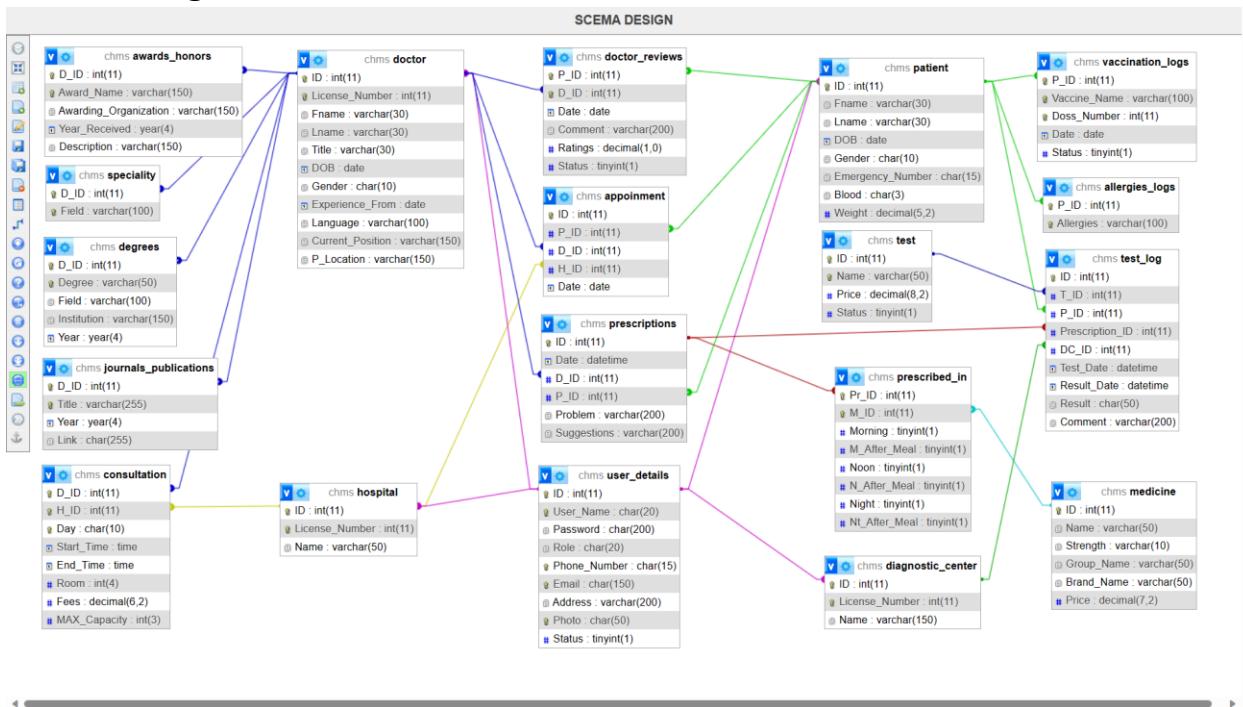
- Centralized Database: Patients' information from multiple hospitals stored in a central MySQL database.
- Secure Access: Role-based (Patients, Doctors, Hospital, Diagnostic Center, and Central Admin) authentication to ensure authorized access to patient records.

- Patient History: Doctors can view medical history, previous prescriptions, and treatments, test reports, and a short biography.
- Prescription Management: Doctors can prescribe medications and treatments electronically.
- User-friendly Interface:
 - o Doctor: Intuitive interface for doctors to search, view, and update patient records.
 - o Patient: Another interface for patients to view their own history, medicine price, update contact details, search doctor details with reviews, they also can review doctors, book appointments etc.
 - o Hospital: A hospital can add consultation hours for doctors who work there. Also, can check upcoming appointment List.
 - o Diagnostic Center: This interface for Diagnostic Center to claim test given by doctors and can also create tests for patients and provide reports electronically.
 - o Admin: Admin needs to approve all accounts except patient. Admin can view and delete activity data related to users.

Resources/technologies:

As our project needs to retrieve a lot of information on every page, we decided to use PHP as our main Language. Inside the PHP code we embedded the HTML in echo. And we used some CSS for basic color design and menu design. Furthermore, we used JavaScript in some cases for Appointment Booking. We learnt JavaScript with the help of ChatGPT. Also, in some cases we learnt PHP from ChatGPT. We just asked how to make pagination using html and PHP. Then we learnt from there and implemented our project in our own way. For file upload, we directly copy the code from ChatGPT. Rather than all codes are written by us.

Schema Diagram: Total of 19 Tables.



There are four types of users.

01. Doctor

- Search Patient to view their old history and a short biography.
- Add new Prescription with medicine name and test name.
- Can view him/her own review given by patients.
- Can add/edit his/her own profile such as Photo, Name, Awards, Specialty, Degrees, Journals etc.
- Also check his/her consultation hour and upcoming appointment.

02. Patient

- Check his/her own history about prescription and test report.
- Can book appointments with doctors.
- Edit his/her own profile.
- Can view Medicine price and alternative brands as well as test price information.
- Can provide reviews to doctors.
- Can print his own patient card.

03. Hospital

- Can add consultation hour.
- Can check upcoming appointments.

04. Diagnostic Center

- i. Can claim test given by doctors.
- ii. Can create new tests for a patient.
- iii. Can add missing Test List
- iv. Can view and update test reports.

Sitemap:

<F:\NSU\Semester - 05, Summer 2023\CSE 311L - IAH\Project\Site Map.png>



<https://www.gloomaps.com/f2bnZjWIYc>

Snapshots:

We didn't work much in front end. We totally gave our attention to back-end design. Snapshots of all the features are given below:



Home Page

Users can go Login and Sign-Up Page, also can check doctor details, consultation hours, medicine price info, test price info without login to their accounts.



Here is the menu for all users included in the Header.

CHMS

Welcome Guest
Login||Signup

Home Doctor Pricing

Sign Up Now

I am

User Name:

Password:

Phone Number:

Submit

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Sign Up Page

After Sign-Up user will be redirected to Login Page.

CHMS

Welcome Guest
Login||Signup

Home Doctor Pricing

Log In Now

User Name:

Password:

Log In

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Login Page

After Login, users will be redirected to a dashboard according to their Role Selection. In the Login System we used HASHING Mechanism for security. And without completing their full profile no user can access their dashboard. So, after login they will be redirected to the profile complete page. If already completed, then they will redirect to dashboard.

CHMS

Welcome joy508

Home Doctor Pricing

Complete Your Profile First

First Name*: Joydev Ghosh

Last Name: Joy

Date of Birth*: 09/14/1999

Select Gender*: Male

Phone Number*: +8801746549585

Emergency Number*: +8801746549585

Email: joy508@gmail.com

Address: Bashundhara, Dhaka

Select Blood Group: A+

Weight: 45

Select Profile Photo: Choose File JOY_smart...76d965.png

Submit

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Complete Profile Page – Patient

Here users need to input all their details. Some are mandatory fields.

CHMS

Welcome joydev Ghosh Joy(ID-1001)

Prescription: 0 || Test: 0

Dashboard

Home Doctor Pricing

Find a Doctor Book an Appointment See all Prescription

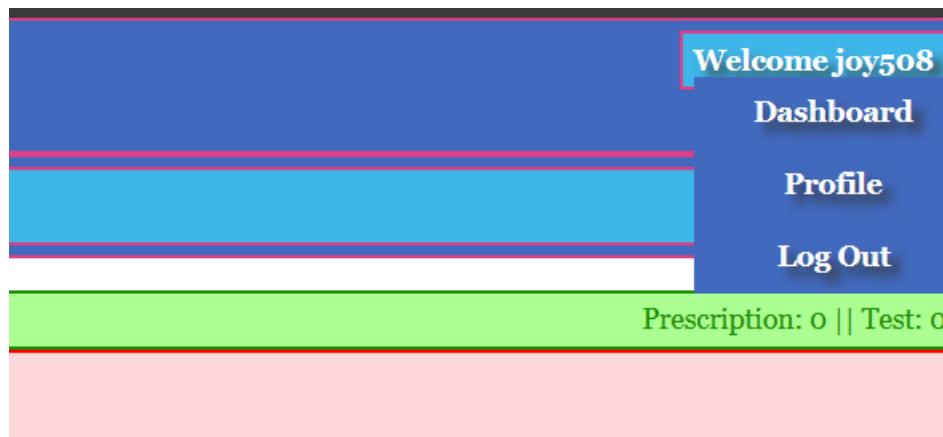
See all Test Test Pricing Info Medicine Pricing Info

Allergy History Vaccine History Provide Reviews

Appointment Print Patient Card

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Dashboard – Patient



Drop Down Menu for Logout and Profile edit.

Here profile page and dashboard page are used as a reference, it will redirect user to a particular web page based on their role. Logouts are common for everyone.

Find Doctor Page – All Users

Here, user can search according to department or can type a part of doctor's name, also can search by submitting both fields.

Search Result Page for Finding doctor.

A short description of doctors will appear here. Users can see the full details including ratings and consultation hours. Making appointments will only work for the patient users.

Details of Doctor

Here users can see reviews and consultation hours.

CHMS

Welcome Guest
Login||Signup

Home Doctor Pricing



Dr. Asif Manwar

Hospital Name	Day	Time Slot	Room No.	Fees	Max Capacity
SQUARE HOSPITALS LTD. House # 1, Road # 11, Block # F, Banani, Dhaka- 1213	Friday	18:00:00 - 21:00:00	306	1200.00 TK	50 Appointments
	Monday	15:00:00 - 18:00:00	205	1200.00 TK	50 Appointments
	Saturday	13:00:00 - 15:00:00	306	1200.00 TK	30 Appointments

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Consultation Hours of Doctors – All User

CHMS

Welcome admin

Home Doctor Pricing



Dr. Asif Manwar - 5.00*



Joydev Ghosh Joy - 5* - 2023-11-01
Comment: Good Behaviour and Best for cardiology

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All Approved Review of a doctor – All User

CHMS

Welcome joy508

Home Doctor Pricing



Dr. Asif Manwar

Select Hospital:

Select a Date:

Time Slot:

Submit

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Make Appointment Page – Patient from find doctor page.

Here the date will be generated automatically based on consultation days. Per day upcoming 4 dates will be generated. And here we used JavaScript and AJAX for generating dynamically.

CHMS

Welcome joy508

Home Doctor Pricing



Joydev Ghosh Joy

Select Department:	Cardiology
Select Hospital:	SQUARE HOSPITALS LTD.
Select Doctor:	Dr. Asif Manwar
Select a Date:	2023-11-24
Time Slot:	18:00:00 - 21:00:00
Submit	

Copyright: 2023, CHMS || Design By LTJ

Complete Book Appointment Page – Patient

CHMS

Welcome joy508

Home Doctor Pricing



Joydev Ghosh Joy

Upcomming Appointment List

Date	Time Slot	Hospital	Room Number	Doctor Name
2023-11-13	15:00:00 - 18:00:00	SQUARE HOSPITALS LTD	205	Dr. Asif Manwar
2023-11-24	18:00:00 - 21:00:00	SQUARE HOSPITALS LTD	306	Dr. Asif Manwar

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Upcoming Appointment List – Patient

CHMS

Welcome joy508

Home Doctor Pricing



Joydev Ghosh Joy

All Prescriptions

Prescription ID	Problem	Date	Prescribed By	Action
1002	Fever	2023-11-01 22:29:03	Dr. Asif Manwar	View Details

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All Prescription List – Patient

CHMS

Welcome joy508

Home Doctor Pricing



Joydev Ghosh Joy

All Test				
Test Name	Test Date	From	Result	Comment
Blood Sugar Test	2023-11-01 23:36:40	Popular Diagnostic Centre	Not Published	Not Published
Dengue NS1 Antigen Test	2023-11-01 23:34:19	Popular Diagnostic Centre	2023-11-01 23:39:01	Negative

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All Test List with Download Button - Patient

CHMS

Welcome joy508

Home Doctor Pricing

Search Test Name

Select Test: Complete Blood Count (CBC)

300.00 TK

All Test Price	
Test Name	Price
Activated Partial Thromboplastin Time (APTT)	200.00 TK
Albumin	300.00 TK
Bilirubin (Total and Direct)	500.00 TK
Blood Sugar Test	200.00 TK
Blood Urea Nitrogen (BUN)	200.00 TK
C-Reactive Protein (CRP)	300.00 TK
Chikungunya NS1 Antigen Test	500.00 TK
Complete Blood Count (CBC)	300.00 TK
Complete Blood Count (CBC) with Differential	500.00 TK
Creatinine	200.00 TK
D-Dimer	1500.00 TK
Dengue NS1 Antigen Test	500.00 TK
Echocardiogram (ECHO)	2000.00 TK
Electrocardiogram (ECG)	300.00 TK
Electrolytes (Sodium, Potassium, Chloride)	300.00 TK
Erythrocyte Sedimentation Rate (ESR)	200.00 TK
Estradiol	1000.00 TK
Globulin	300.00 TK
Human Chorionic Gonadotropin (hCG)	500.00 TK
Kidney Function Test (KFT)	1000.00 TK

Complete List of Test Price

CHMS

Welcome doctor

Home Doctor Pricing

Search Medicine

Select Medicine: Fast 500 mg

Select Group: Design By LTJ

Select Medicine	Select Group
Fast 500 mg	
Fast XR 665 mg	
Napa 500 mg	
Napa Extend 665 mg	
Napa One 1000 mg	
Napa Rapid(Actizorb) 500 mg	
Reset 500 mg	
Reset ER 665 mg	
Xcel 500 mg	
Xcel ER 665 mg	
Xpa 500 mg	
Xpa XR 665 mg	

Medicine Search – Page

Users can select medicine or search by group name.

CHMS

Welcome doctor

Home | Doctor | Pricing

Medicine Details	
Name:	Napa
Strength:	500 mg Also Available: 666 mg 1000 mg
Group Name:	Paracetamol
Brand Name:	Beximco Pharmaceuticals Ltd. Alternate Brands
Price:	12.00 TK

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Medicine Details Page

CHMS

Welcome doctor

Home | Doctor | Pricing

All Brands of Paracetamol		
Fast ACME Laboratories 12.00 See Details	Fast XR ACME Laboratories 20.00 See Details	Napa Beximco Pharmaceuticals Ltd. 12.00 See Details
Napa Extend Beximco Pharmaceuticals Ltd. 20.00 See Details	Napa One Beximco Pharmaceuticals Ltd. 22.50 See Details	Napa Rapid(Actizorb) Beximco Pharmaceuticals Ltd. 22.50 See Details
Reset Incepta Pharmaceuticals Ltd 12.00 See Details	Reset ER Incepta Pharmaceuticals Ltd 20.00 See Details	Xcel ACI Limited 12.00 See Details
Xcel ER ACI Limited 20.00 See Details	Xpa Aristopharma Ltd. 12.00 See Details	Xpa XR Aristopharma Ltd. 20.00 See Details

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Alternate Brand or search by group name

CHMS

Welcome joy308

Home | Doctor | Pricing



Joydev Ghosh Joy

Add New Allergy
<input type="button" value="Add New"/> <input type="button" value="Add"/>
Allergy History
Dust Mite Allergies <input type="button" value="Delete"/>

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Allergy History – Patient

Users can add and delete his/her allergy history.

The screenshot shows a web application interface for a patient's vaccine history. At the top, there is a blue header bar with the text "CHMS" in white. To the right of the header, it says "Welcome joy508". Below the header is a navigation bar with three tabs: "Home", "Doctor", and "Pricing". A small profile picture of a person wearing a hoodie and headphones is centered above the main content area.

The main content area has a green header bar with the text "Joydev Ghosh Joy". Below this is a form titled "Add New Vaccine Info" with fields for "Vaccine Name", "Dose Number", and "Date" (with a date input field). There is also a "Add" button. Below the form is a table titled "All Vaccine History" with columns for "Vaccine Name", "Dose Number", "Date", "Status", and "Action". The table contains four rows of data, each representing a vaccine entry. Each row includes a "Delete" button in the "Action" column.

Vaccine Name	Dose Number	Date	Status	Action
Covid	4	2023-02-08	Not Approved	<button>Delete</button>
Covid	3	2022-04-03	Not Approved	<button>Delete</button>
Covid	2	2021-10-19	Not Approved	<button>Delete</button>
Covid	1	2021-09-15	Not Approved	<button>Delete</button>

At the bottom of the page, there is a black footer bar with the text "Copyright: 2023, CHMS || Design By LTJ".

Vaccine History – Patient

Here users can add and delete vaccine history. And vaccine history needs to be approved by an admin, then it will be visible to a doctor.

The screenshot shows a web application interface for a patient's review history. At the top, there is a blue header bar with the text "CHMS" in white. To the right of the header, it says "Welcome joy508". Below the header is a navigation bar with three tabs: "Home", "Doctor", and "Pricing". A small profile picture of a person wearing a hoodie and headphones is centered above the main content area.

The main content area has a green header bar with the text "Joydev Ghosh Joy". Below this is a form titled "Add New Review:" with fields for "Select Doctor" (a dropdown menu showing "Dr. Asif Manwar") and "Select Ratings" (a dropdown menu showing "5*"). There is also a text area labeled "Write Comments Here" and a "Submit" button. Below the form is a red box containing the text "No Reviews".

At the bottom of the page, there is a black footer bar with the text "Copyright: 2023, CHMS || Design By LTJ".

Add Review Page – Patient

Patients will only be able to review them, from whom they are prescribed.

The screenshot shows a web application interface for a patient's review history. At the top, there is a blue header bar with the text "CHMS" in white. To the right of the header, it says "Welcome joy508". Below the header is a navigation bar with three tabs: "Home", "Doctor", and "Pricing". A small profile picture of a person wearing a hoodie and headphones is centered above the main content area.

The main content area has a green header bar with the text "Joydev Ghosh Joy". Below this is a red bar with the text "No Pending Review". Below the red bar is a table with two columns. The left column contains a placeholder image of a doctor. The right column contains the doctor's name ("Dr. Asif Manwar"), rating ("5*"), date ("2023-11-01"), comment ("Good Behaviour and Best for cardiology"), and status ("Not Approved"). There is also a "Delete" button in the right column.

	Dr. Asif Manwar - 5* - 2023-11-01 Comment: Good Behaviour and Best for cardiology Status: Not Approved <button>Delete</button>
--	---

At the bottom of the page, there is a black footer bar with the text "Copyright: 2023, CHMS || Design By LTJ".

Review History by Patient



Patient Card – For Convenient

User can print and keep it with him/her for faster access in a hospital.

Edit Profile Form – Doctor

If a doctor logs in for the first time, he/she will be asked to complete this profile first, then he/she can access the dashboard.

CHMS

Welcome doctor

Home | Doctor | Pricing

Welcome Asif Manwar Prescribed: 0

Dashboard

Search Patient | View All Prescription | Check Appointment
Awards & Honors | Add Speciality | Add Degree
Journals & Publications | See Your Consultation Hours | See Your Reviews

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Dashboard – Doctor

CHMS

Welcome doctor

Home | Doctor | Pricing

Search Patient | Patient ID | Search

<

Copyright: 2023, CHMS || Design By LTJ

Search Patient

CHMS

Welcome doctor

Home | Doctor | Pricing

Patient Information & History

Name: Joydev Ghosh Joy
Age: 24 Years
Gender: Male
Blood: A+
Weight: 45.00 KG

Add New Prescription

All Prescription List:
Fever - prescribed by Dr. Asif Manwar - On 2023-11-01 22:29:03

All Test List:
Dengue NS1 Antigen Test - Not Done Yet

Vaccine History:
Covid - Doss: 2 - 2021-10-19
Covid - Doss: 1 - 2021-09-15

Allergy History:
Dust Mite Allergies

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Patient's Medical History after Search

CHMS

Welcome doctor

Home | Doctor | Pricing

Patient Information & History

Name: Joydev Ghosh Joy
Age: 24 Years
Gender: Male
Blood: A+
Weight: 45.00 KG

Problem: Fever

Suggestions: Take Rest

Submit

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Add Prescription - Doctor

CHMS

Welcome doctor

Home | Doctor | Pricing

Name: Joydev Ghosh Joy Age: 24 Years Gender: Male Blood: A+ Weight: 45.00	Dr. Asif Manwar Resident Medical Officer At BIRDEM
Problem: Fever Suggestion: Take Rest Test: No Test	No Medicine

Add Medicine & Test

Fast - 500 mg	<input type="checkbox"/> Morning <input type="checkbox"/> After Meal <input type="checkbox"/> Noon <input type="checkbox"/> After Meal <input type="checkbox"/> Night <input type="checkbox"/> After Meal	Add
Activated Partial Thromboplastin Time (APTT)	Add	

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This page is for adding medicine and test name in the prescription.

CHMS

Welcome doctor

Home | Doctor | Pricing

Name: Joydev Ghosh Joy Age: 24 Years Gender: Male Blood: A+ Weight: 45.00	Dr. Asif Manwar Resident Medical Officer At BIRDEM
Problem: Fever Suggestion: Take Rest Test: Dengue NS1 Antigen Test - Not Done Yet	Napa 500 mg Morning - After Meal Noon - After Meal Night - After Meal Napa Extend 665 mg Morning - Before Meal Night - Before Meal

Add Medicine & Test

Fast - 500 mg	<input type="checkbox"/> Morning <input type="checkbox"/> After Meal <input type="checkbox"/> Noon <input type="checkbox"/> After Meal <input type="checkbox"/> Night <input type="checkbox"/> After Meal	Add
Activated Partial Thromboplastin Time (APTT)	Add	

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After adding some medicine and one test

CHMS

Welcome doctor

Home | Doctor | Pricing



Dr. Asif Manwar

All Prescriptions

Prescription ID	Problem	Date	Prescribed for	Action
1002	Fever	2023-11-01 22:29:03	Joydev Ghosh Joy	View Details

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View All Prescription List – Doctor

CHMS

Welcome doctor

Home Doctor Pricing

Name: Joydev Ghosh Joy Age: 24 Years Gender: Male Blood: A+ Weight: 45.00	Dr. Asif Manwar Resident Medical Officer At BIRDEM
Problem: Fever Suggestion: Take Rest Test: Dengue NS1 Antigen Test - Not Done Yet	Napa 500 mg Morning - After Meal Noon - After Meal Night - After Meal Napa Extend 665 mg Morning - Before Meal Night - Before Meal

[Print Prescription](#)

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Prescription View – Doctor, Patient, Admin

CHMS

Welcome doctor

Home Doctor Pricing



Dr. Asif Manwar

Consultation Hours

Hospital Name	Day	Time Slot	Room No.	Fees	Max Capacity
SQUARE HOSPITALS LTD. House # 1, Road # 11, Block # F, Banani, Dhaka- 1213	Friday	18:00:00 - 21:00:00	306	1200.00 TK	50 Appointments
	Monday	15:00:00 - 18:00:00	205	1200.00 TK	50 Appointments
	Saturday	13:00:00 - 15:00:00	306	1200.00 TK	30 Appointments

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All Consultation Hours List – Doctor

CHMS

Welcome doctor

Home Doctor Pricing



Dr. Asif Manwar

Upcomming Appointment List

Date	Time Slot	Hospital	Room Number	Patient Name
2023-11-13	15:00:00 - 18:00:00	SQUARE HOSPITALS LTD.	205	Joydev Ghosh Joy
2023-11-24	18:00:00 - 21:00:00	SQUARE HOSPITALS LTD.	306	Joydev Ghosh Joy

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All Appointment List - Doctor

CHMS

Welcome doctor

Home Doctor Pricing



Dr. Asif Manwar

Add New Awards Info

Awards Name	Awarding Organization	Year Won	Award Description	Add
-------------	-----------------------	----------	-------------------	---------------------

[All Awards History](#)
[No Awards History](#)

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Awards Info Add, Delete, History Page – Doctor

CHMS

Welcome doctor

Home Doctor Pricing



Dr. Asif Manwar

Add Specialty or Department

Select A Department Add

All Specialty List

Department Action

Cardiology Delete

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Specialty Add, Delete, History Page – Doctor

CHMS

Welcome doctor

Home Doctor Pricing



Dr. Asif Manwar

Add New Degree Info

Degree Name Field Institution Year Add

All Degree History

Degree	Field	Institution	Year	Action
Msc	Cardiology	UK	2008	Delete
D. Card	N/A	London	2004	Delete
MBBS	N/A	CMC	2002	Delete

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Degree Details – Doctor

CHMS

Welcome doctor

Home Doctor Pricing



Dr. Asif Manwar

Add New Publication Info

Title Author Year Add

All Publication History

No Publication History

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Publication Page – Doctor

CHMS

Welcome doctor

Home Doctor Pricing



Dr. Asif Manwar - 5.00*



Joydev Ghosh Joy - 5* - 2023-11-01
Comment: Good Behaviour and Best for cardiolg

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All Review List - Doctor

CHMS

Welcome hospital

Home Doctor Pricing

Edit Profile

Hospital Name*: **SQUARE HOSPITALS LTD.**

License Number*: **51415461**

Phone Number*: **+8801798661984**

Email *: **hospital@gmail.com**

Hospital Location*: **House # 1, Road # 11,
Block # F, Banani,
Dhaka, 1203**

Select Profile Photo: **Choose File No file chosen**

Submit

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Profile Edit Page – Hospital

CHMS

Welcome hospital

Home Doctor Pricing

Welcome SQUARE HOSPITALS LTD. Appointment: 0

Dashboard

View Appointment Add New Consultation Hour Consultation List

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Dashboard – Hospital

CHMS

Welcome hospital

Home Doctor Pricing



SQUARE HOSPITALS LTD.

Add New Consultation Hour	
Select Doctor:	Dr. Asif Manwar
Select Day:	Monday
Select Start Time:	03:00 PM
Select End Time:	06:00 PM
Room Number:	205
Fees:	1200
MAX Capacity:	50
Submit	

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For Adding Consultation Hours of Doctors – Hospital

CHMS

Welcome hospital

Home Doctor Pricing



SQUARE HOSPITALS LTD.

Day	Doctor Name	Time Slot	Room Number	Fees	MAX Capacity	Action
Sunday						No Doctor Available!!
Monday	Dr. Asif Manwar	15:00:00 - 18:00:00	205	1200.00	50	Delete
Tuesday						No Doctor Available!!
Wednesday						No Doctor Available!!
Thursday						No Doctor Available!!
Friday	Dr. Asif Manwar	18:00:00 - 21:00:00	306	1200.00	50	Delete
Saturday	Dr. Asif Manwar	13:00:00 - 15:00:00	306	1200.00	30	Delete

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All Consultation Hours List – Hospital

CHMS

Welcome hospital

Home Doctor Pricing



SQUARE HOSPITALS LTD.

Upcomming Appoiment List				
Date	Time Slot	Room Number	Doctor Name	Patient Name
2023-11-13	15:00:00 - 18:00:00	205	Dr. Asif Manwar	Joydev Ghosh Joy
2023-11-24	18:00:00 - 21:00:00	306	Dr. Asif Manwar	Joydev Ghosh Joy

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All Appointment List – Hospital

CHMS

Welcome diagnostic

Home | Doctor | Pricing

Edit Profile

Diagnostic Center Name*: Popular Diagnostic Centre

License Number*: 5564769

Phone Number*: +8801987195987

Email*: diagnostic@gmail.com

Diagnostic Center Location*: Badda, Dhaka, Bangladesh

Select Profile Photo: Choose File No file chosen

Submit

<

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Edit Profile Page for Diagnostic Center

CHMS

Welcome diagnostic

Home | Doctor | Pricing

Welcome Popular Diagnostic Centre Test: 0

(Account Deactivated)

Dashboard

Claim Test Add New Test Upload Test Report

See all Test Report Add Missing Test

Copyright: 2023, CHMS || Design By LTJ

Dashboard - Diagnostic Center

All Accounts except Patient will be deactivated by default. They need to be approved by an admin.

CHMS

Welcome diagnostic

Home | Doctor | Pricing

Enter The Prescription ID

Search

Copyright: 2023, CHMS || Design By LTJ

Claim Test from Prescription – DC

CHMS

Welcome diagnostic

Home | Doctor | Pricing

Enter The Prescription ID

1002 Search

Patient Information

Name: Joydev Ghosh Joy
Age: 24 Years
Gender: Male

Test Name	Price	Action
Dengue NS1 Antigen Test	500.00 TK	Claim

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After Search a short details and Test List



For Adding new Test that is not prescribed by a doctor – DC

This screenshot shows the "Add Test" page for a Doctor. The layout is similar to the homepage, with a blue header, navigation bar, and a placeholder skyscraper image. A green banner at the top says "Popular Diagnostic Centre" and contains a "Search Patient" button. Below the banner, a search form includes a dropdown menu with the value "1001" and a "Search" button. A "Patient Information" section shows a profile picture of a person working on a laptop, with details: Name: Joydev Ghosh Joy, Age: 24 Years, Gender: Male. Below this is an "Add Test" section with a "Select Test" button and a dropdown menu showing "Activated Partial Thromboplastin Time (APTT) - 200.00 TK". At the bottom is an "Add Test" button. The footer copyright notice is present.

Add Test Page – DC

This screenshot shows the "All Test" list page for a Doctor. The page structure is identical to the previous ones. It features a green "All Test" header and a table below it with columns: Test Date, Test Name, Patient Name, Result, Comment, and Action. The table contains two rows of data:

Test Date	Test Name	Patient Name	Result	Comment	Action
2023-11-01 23:36:40	Blood Sugar Test	Joydev Ghosh Joy	Not Done Yet	Not Published	Update
2023-11-01 23:34:19	Dengue NS1 Antigen Test	Joydev Ghosh Joy	2023-11-01 23:39:01	Negative	Update

The footer copyright notice is at the bottom.

All Test List with Download and Update – DC

CHMS

Welcome diagnostic

Home | Doctor | Pricing



Popular Diagnostic Centre

All Pending Test

Test Date	Test Name	Patient Name	Action
2023-11-01 23:34:19	Dengue NS1 Antigen Test	Joydev Ghosh Joy	Update
2023-11-01 23:36:40	Blood Sugar Test	Joydev Ghosh Joy	Update

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Pending Test Report List – DC

CHMS

Welcome diagnostic

Home | Doctor | Pricing



Popular Diagnostic Centre

Upload Test Report

Test Name: Dengue NS1 Antigen Test
 Test Date: 2023-11-01 23:34:19
 Patient Name: Joydev Ghosh Joy

Enter Comment:	Negative
Select Report File:	<input type="file"/> DEMO.pdf

[Submit](#)

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Uploading Test Report – DC

CHMS

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Popular Diagnostic Centre

Add New Missing Test

New Missing	View	Add
-------------	----------------------	---------------------

All Pending Test List

Test Name	Price
HCL	450.00 TK

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Adding New Test That is not listed in test List (need to be approve by admin) - DC

CHMS

Welcome admin

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Dashboard

All Stats					
Total Active User: 4	Total Active Patient: 2	Total Active Doctor: 1	Total Active Hospital: 1		
Total Active Diagnostic Center: 0	Total Pending User: 1	Total Pending Doctor: 0	Total Pending Hospital: 0		
Total Pending Diagnostic Center: 1	Total Pending Reviews: 0	Total Pending Test: 0	Total Pending Vaccine Info: 2		

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Dashboard – Admin

CHMS

Welcome admin

[Home](#) | [Doctor](#) | [Pricing](#)

All Active User List (10 Per Page)

ID	Role	Name	Action	Action
1001	Patient	Joydev Ghosh Joy	View Details	Delete User
1002	Patient	Amanullah Ahsan	View Details	Delete User
1003	Doctor	Dr. Asif Manwar	View Details	Delete User
1004	Hospital	SQUARE HOSPITALS LTD.	View Details	Delete User
1005	Diagnostic Center	Popular Diagnostic Centre	View Details	Delete User

No Page

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All User List – Admin

Here, the view details page will be redirected to different page based on their role.

CHMS

Welcome admin

[Home](#) | [Doctor](#) | [Pricing](#)

All Active Patient List (10 Per Page)

ID	Name	Age	Gender	Action	Action
1001	Joydev Ghosh Joy	24 Years	Male	View Details	Delete User
1002	Amanullah Ahsan	25 Years	Male	View Details	Delete User

No Page

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Patient List – Admin

CHMS

Welcome admin

Home Doctor Pricing



Joydev Ghosh Joy(1001)

Date of Birth:	1999-09-14(24 Years)
Gender:	Male
Phone Number:	+8801746549585
Emergency Number:	+8801746549585
Email:	joy508@gmail.com
Address:	Bashundhara, Dhaka
Blood:	A+
Weight:	45.00 KG

Activity

[See all Prescription](#) [See all Test](#) [Allergy History](#)
[Vaccine History](#) [Provided Reviews](#) [Appointment](#)
[Print Patient Card](#)

Patient View with activity access - Admin

CHMS

Welcome admin

Home Doctor Pricing

All Active Doctor List (10 Per Page)

ID	Name	License Number	Action	Action
1003	Dr. Asif Manwar	6548916	View Details	Delete User

No Page

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Doctor List – Admin



Dr. Asif Manwar(1003)

License Number:	6548916
Date of Birth:	1980-04-19(43 Years)
Gender:	Male
Phone Number:	+8801794628456
Email:	doctor@gmail.com
Address:	Dhaka, Bangladesh
Experience From:	2002-09-01(21 Years)
Language:	Bangla, English
Current Position:	Resident Medical Officer at BIRDEM

[Make Disable](#)

Dashboard

[View All Prescription](#) [Check Appointment](#) [Awards & Honors](#)
[Speciality](#) [Degree](#) [Journals & Publications](#)
[Consultation Hours](#) [Reviews](#)

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Details of Doctor for approval and disapproval - admin.

CHMS						Welcome admin
Home Doctor Pricing						
All Pending Diagnostic Center List (10 Per Page)						
No Page						
ID	License Number	Name	Address	Action	Action	
1005	5564769	Popular Diagnostic Centre	Badda, Dhaka, Bangladesh	View Details	Delete User	

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Approval of Diagnostic Center – Admin

CHMS						Welcome admin
Home Doctor Pricing						
All Active Hospital List (10 Per Page)						
No Page						
ID	License Number	Name	Address	Action	Action	
1004	51415461	SQUARE HOSPITALS LTD.	House # 1, Road # 11, Block # F, Banani, Dhaka- 1213	View Details	Delete User	

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Hospital List - Admin

CHMS						Welcome admin
Home Doctor Pricing						
						
SQUARE HOSPITALS LTD.(1004)						
Make Disable						
Activity						
View Appointment Consultation List						

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Details View of Hospital with activity page - Admin.

CHMS

Welcome admin

Home Doctor Pricing



Popular Diagnostic Centre(1005)	
License Number:	5564769
Phone Number:	+8801987195987
Email:	diagnostic@gmail.com
Address:	Badda, Dhaka, Bangladesh

Activity

[View All Test](#)

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View Details for Approval - Admin

CHMS

Welcome admin

Home Doctor Pricing

Pending Review	
	Dr. Asif Manwar - 5 th - 2023-11-01 Comment: Good Behaviour and Best for cardiology By - Joydev Ghosh Joy Make Approve

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Pending Review Approval Page - Admin

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Welcome admin

Home Doctor Pricing

All Pending Vaccination Info List

Patient Name	Vaccine Name	Doss Number	Date	Action
Joydev Ghosh Joy	Covid	1	2021-09-15	Make Approve
Joydev Ghosh Joy	Covid	2	2021-10-19	Make Approve
Joydev Ghosh Joy	Covid	3	2022-04-03	Make Approve
Amanullah Ahsan	Covid	3	2022-05-25	Make Approve
Joydev Ghosh Joy	Covid	4	2023-02-08	Make Approve

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Approval of Vaccine History – Admin

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Home Doctor Pricing

All Pending Test List

Test Name	Price	Action
HCL	450.00 TK	Make Approve

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Approval for New Test Info - Admin

Conclusion:

The proposed Centralized Hospital Management System project holds immense potential to enhance healthcare efficiency by providing doctors with quick and secure access to patient data. By utilizing the power of MySQL, our system will contribute to better patient care, streamlined operations, and improved collaboration among medical professionals. We tried our best to maintain security. We can improve security in future we can also give more access to admin. Furthermore, we can improve to find nearest hospital and doctor by making the address field to composite field.

Contribution:

Name	ID	Contribution
Amanullah Ahsan	2021769 6 42	<p>Folder - common Login, Sign Up, connection, profile, edit-profile.</p> <p>Folder - Patient Allergy, card, vaccine, index, restrict-access.</p> <p>Folder - Doctor Awards- honors, degree, index, journals-publication, search-patient, specialty, restrict-access, status-check.</p> <p>Folder - Hospital Index, restrict-access, status-check.</p> <p>Folder - Diagnostic Center Index, missing-test, restrict-access, status-check.</p> <p>Contribute on SCEMA Diagram</p>
Joy Kumar Ghosh	2211424 6 42	<p>Contribute on SCEMA Diagram</p> <p>Admin Panel</p> <p>Folder - common Find Doctor, Medicine & Test Price, Consultation Hours, reviews & others.</p> <p>Folder - Patient Book Appointment, make appointment, edit profile, review & others.</p> <p>Folder - Doctor Consultation, edit profile, add prescription, patient view & others.</p> <p>Folder - Hospital Add consultation, consultation, edit profile & others.</p> <p>Folder - Diagnostic Center Claim test, edit profile, update test & others.</p>

