



JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY, NOIDA

PROJECT REPORT

ON

WeCare (DOCTOR PATIENT PORTAL)

SUBJECT- DATABASE SYSTEMS AND WEB LAB

(15B17CI372)

(B. Tech-Information Technology, Semester: 3, Batch: B-15)

SUBMITTED TO-

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Enrollment No.: 23104057

## **ACKNOWLEDGEMENT**

We, the members of our project team, would like to express our deepest gratitude to all those who guided and supported us during the development of our project, "WeCare(DOCTOR PATIENT PORTAL)" First and foremost, we extend our heartfelt thanks to our respected teachers, Mrs. Dhanalekshmi Gopinathan and Mr. Sumeshwar Singh for their constant guidance, support, and encouragement throughout this project. Their valuable insights and constructive feedback have been instrumental in shaping our ideas and refining our work. We are also deeply grateful to Jaypee Institute Of Information Technology for providing us with the necessary resources and a conducive environment to work on this project. The support from our college has been a cornerstone of our learning experience. Finally, we would like to thank each other for the collaborative effort, dedication, and teamwork that went into successfully completing this project. It has been a remarkable journey, and we have grown immensely both as individuals and as a team through this experience.

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## **INTRODUCTION**

In the modern healthcare landscape, technology plays a pivotal role in improving accessibility, convenience, and efficiency. Our project, Doctor-Patient Portal, is an innovative web-based platform designed to bridge the gap between patients and doctors. Built using HTML, CSS, PHP, and JavaScript, this portal provides a seamless interface for patients to manage their healthcare needs effectively.

The system enables patients to create and log in to their profiles, where they can view available doctors across various departments, book appointments, and keep track of their medical interactions. The information entered by patients is securely stored in a centralized database, ensuring data integrity and privacy. Simultaneously, doctors can access the portal to view patient appointments and schedules, enabling better preparation and optimized patient care.

This project aims to enhance the patient-doctor experience by reducing administrative bottlenecks and creating a streamlined communication channel. By integrating user-friendly features with robust backend functionality, the Doctor-Patient Portal offers a comprehensive solution for modern healthcare needs.

## Components

### 1. User Interface (Frontend)

- **HTML and CSS**

Designed the structure and layout of the portal with HTML and styled it using CSS for an intuitive and visually appealing interface.

- **Patient Dashboard:**

Allows patients to log in, view available doctors, check their profiles, and book appointments.

- **Doctor Dashboard:**

Enables doctors to log in, view their schedules, and access details of patient appointments.

### 2. Backend Functionality

- **PHP:**

Handles server-side processing, including login authentication, appointment booking logic, and communication between the frontend and the database

- **Appointment Management:**

Facilitates secure booking and updating of appointments in real time.

### 3. Database Management

- **MySQL Database:**

stores and organizes patient information, doctor profiles, appointment schedules, and other relevant data.

- **Data Retrieval and Storage:**

Enables efficient fetching of patient and doctor data for dynamic display on respective dashboards.

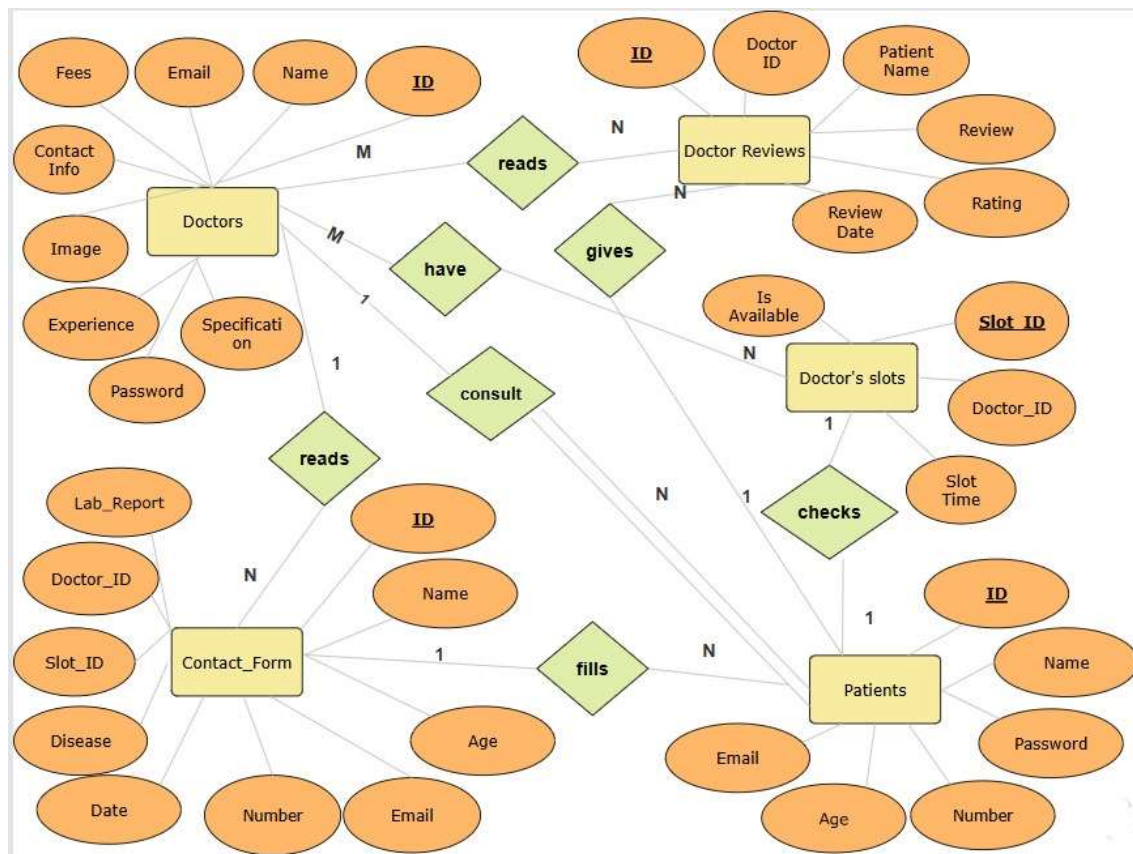
## **Tools and technologies used**

1. HTML and CSS
2. JavaScript
3. PHP (PhpMyAdmin)
4. MySQL Database

## **FEATURES**

1. Home page
2. About us
3. Blog
4. Patient profile- View, Edit
5. Doctors profile-View, Edit
6. Receipt Generation
7. Review – Add, View
8. Appointment – Book, Delete
9. Login/Logout

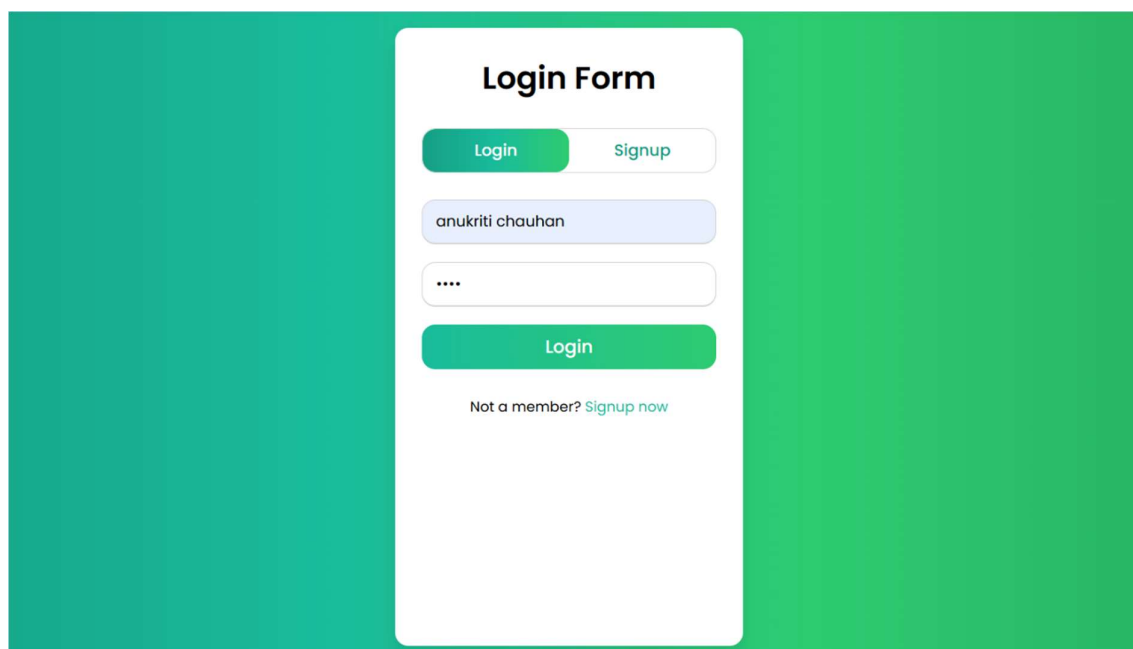
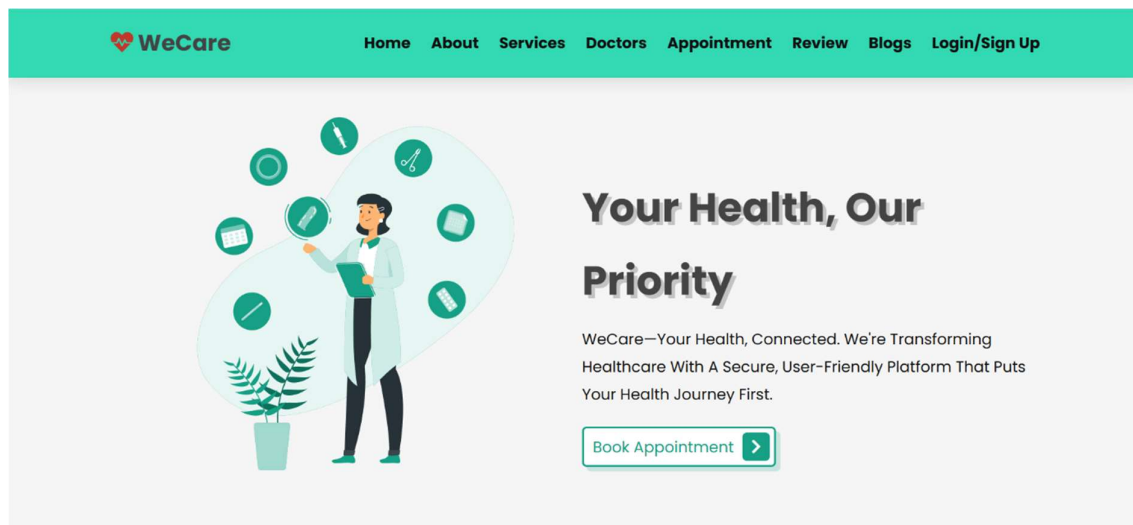
## E-R DIAGRAM

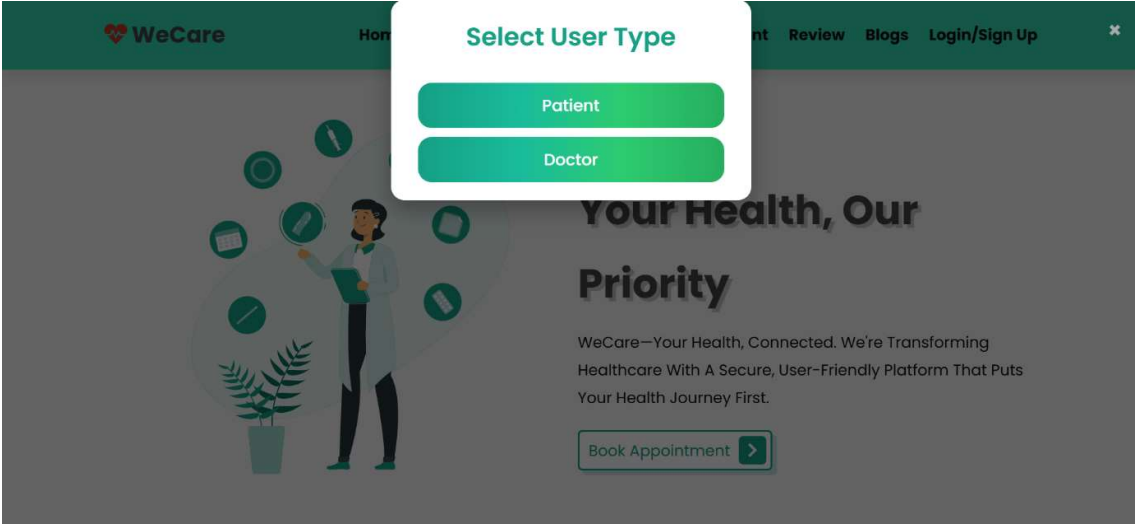




# WORKING

## Frontend





## Signup Form

[Login](#)[Signup](#)

[Signup](#)


  
**150+**  
Doctors At Work

  
**1030+**  
Satisfied Patients


  
**490+**  
Bed Facility

  
**70+**  
Available Hospitals

## ABOUT US

 [Home](#) [About](#) [Services](#) [Doctors](#) [Appointment](#) [Review](#) [Blogs](#) [Profile](#) [Logout](#)

## ABOUT US




### Receive The Care You Deserve


At WeCare, We Connect You With Top-Tier Healthcare Providers, Ensuring That Your Treatment Is Always Personalized, Efficient, And Accessible. Our Platform Brings Convenience And Compassion Together To Support Every Step Of Your Health Journey.

From Scheduling Appointments To Accessing Medical Records, We Make It Easy For You To Stay On Top Of Your Well-Being—All Within A Secure And User-Friendly Platform.


## OUR SERVICES

**Free Checkups**


"Start Your Wellness Journey With Our Complimentary Health Checkups."

**24/7 Ambulance**


"Emergency Care Is Just A Call Away, Any Time Of Day."

**Expert Doctors**


"Our Doctors Are Here To Provide Exceptional Care, Every Time."

**Medicines**


"Quality Medicines Delivered With Trust"

**Bed Facility**

"Comfortable, Clean, And Safe—Our"


**Total Care**

"From Start To Finish, We're Here For"








HomeAboutServicesDoctorsAppointmentReviewBlogsProfileLogout

## OUR DOCTORS








**Dr. Ananya Sharma**  
Cardiologist










**Dr. Rajesh Verma**  
Orthopedic Surgeon






**Dr. Leena Kapoor**  
Pediatrician





HomeAboutServicesDoctorsAppointmentReviewBlogsProfileLogout



### Book Appointment

anukriti chauhan

8959875870


20

a@gmail.com

rash

Dr. Priya Menon (Dermatologist)

9:00 AM - 10:00 AM



HomeAboutServicesDoctorsAppointmentReviewBlogsProfileLogout

Book Appointment

## YOUR APPOINTMENTS

**Patient Name:** Anukriti Chauhan

**Age:** 20

**Doctor:** 4

**Date:** 2024-11-29

**Slot:** 1:00 PM - 2:00 PM

Delete Appointment

View Receipt

Appointment Receipt

Patient Name	anukriti chauhan
Patient Age	20
Doctor Name	Dr. Priya Menon
Specialization	Dermatologist
Appointment Date	2024-11-29
Slot Time	1:00 PM - 2:00 PM
Fees	₹1100

Thank you for choosing our website!

Download receipt

File C:/Users/Anukriti%20Chauhan/Downloads/appointment\_receipt%20(3).html

# Appointment Receipt

**Patient Name**      anukriti chauhan  
**Patient Age**        20  
**Doctor Name**        Dr. Priya Menon  
**Specialization**      Dermatologist  
**Appointment Date** 2024-11-29  
**Slot Time**            1:00 PM - 2:00 PM  
**Fees**                   ₹1100

Thank you for choosing our website!

WeCare

HomeAboutServicesDoctorsAppointmentReviewBlogsProfileLogout

CLIENT'S REVIEW

Radhika Gupta

★★★★☆

"I Can't Thank WeCare Enough For The Exceptional Care I Received! Dr. Ananya Sharma Took The Time To Understand My Concerns, And Her Expertise Made All The Difference In My Recovery. The

Mohit Jain

★★★★☆

"WeCare Truly Lives Up To Its Name! From The Seamless Booking Process To The Attentive Follow-Up After My Treatment, Everything Was Smooth And Easy. Dr. Naveen Singh Was

Tushar Mundra

★★★★☆

"WeCare Is A Gem! Dr. Priya Menon And Her Team Provided Me With The Most Comforting Experience I've Ever Had At A Clinic. The Staff Was Professional Yet Warm, And I Left Feeling Confident About My

## OUR BLOGS



05 November, 2023 By WeCare

### 5 Simple Habits For A Healthier Life

Discover Five Easy, Everyday Habits



18 October, 2023 By WeCare

### Understanding Preventive Healthcare: Why It



30 September, 2023 By WeCare

### Top 10 Superfoods For Boosting Immunity

Life.

[Learn More](#)

Health Choices.

[Learn More](#)

[Learn More](#)

#### Quick Links

- [Home](#)
- [About](#)
- [Services](#)
- [Doctors](#)
- [Appointment](#)
- [Review](#)
- [Blogs](#)

#### Our Services

- [Dental Care](#)
- [Massage Therapy](#)
- [Cardiology](#)
- [Diagnosis](#)
- [Ambulance Service](#)

#### Contact Info

- [+8801688238801](#)
- [+8801782546978](#)
- [WeCare9@Gmail.Com](#)
- [Abc@Gmail.Com](#)
- [Noida, India](#)

#### Follow Us

- [Twitter](#)
- [Instagram](#)
- [LinkedIn](#)
- [Pinterest](#)

### My Profile

Name:

anukriti chauhan

Email:

a@gmail.com

Phone Number:

8959875870

Age:

20

[Edit](#)

localhost says

Review submitted successfully!

OK

Available Time Slots

8:00 AM - 9:00 AM

12:00 PM - 1:00 PM

2:00 PM - 3:00 PM

Leave a Review

hands down the best endocrinologist in the area

Rating:

5

Submit Review

Reviews



Welcome, Dr. Maya Rao

Specialty: Endocrinologist

Experience: 10 years

Email: maya.rao@example.com

Fees: 1600

Edit

Your Appointments

APPOINTMENT ID	PATIENT NAME	EMAIL	PHONE	APPOINTMENT DATE	LAB REPORT
8	anukriti chauhan	a@gmail.com	8959875870	2024-11-30	No Report

Logout

Welcome, Dr. Maya Rao

Specialty: Endocrinologist

Experience: 10 years

Email: maya.rao@example.com

Fees: 1600

Edit

Your Appointments

APPOINTMENT ID	PATIENT NAME	EMAIL	PHONE	APPOINTMENT DATE	LAB REPORT
8	anukriti chauhan	a@gmail.com	8959875870	2024-11-30	No Report

Logout

Patient Reviews

Patient: anukriti chauhan

Rating: 5/5

Review: hands down the best endocrinologist in the area

Review Date: 2024-11-27 12:57:12

## Backend

### Tables :

### Contact\_Form:

Server: 127.0.0.1 » Database: contact\_db » Table: contact\_form

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

[Table structure](#) [Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(11)			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2 name	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3 age	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4 email	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	5 number	varchar(10)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	6 date	date			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	7 disease	varchar(255)	utf8mb4_general_ci		Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	8 doctor_id	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	9 slot_id	int(11)			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	10 lab_report	varchar(255)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

### Doctors:

Server: 127.0.0.1 » Database: contact\_db » Table: doctors

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

[Table structure](#) [Relation view](#)

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(11)			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2 name	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3 specialization	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4 experience	varchar(20)	utf8mb4_general_ci		Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	5 contact_info	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	6 email	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	7 image	varchar(255)	utf8mb4_general_ci		Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	8 password	varchar(255)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	9 fees	int(11)			No	0			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

[Check all](#) [With selected:](#) [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#)



## Doctor\_slots:

Server: 127.0.0.1 » Database: contact\_db » Table: doctor\_slots

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 slot_id	int(11)			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2 doctor_id	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3 slot_time	varchar(20)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4 is_available	tinyint(1)			Yes	1			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#)

## Doctor\_reviews:

Server: 127.0.0.1 » Database: contact\_db » Table: doctor\_reviews

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(11)			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2 doctor_id	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3 patient_name	varchar(255)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4 review	text	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	5 rating	int(11)			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	6 review_date	timestamp			No	current_timestamp()			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#)

## Patients:

Server: 127.0.0.1 » Database: contact\_db » Table: patients

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1 id	int(11)			No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	2 name	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	3 password	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	4 number	varchar(15)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	5 age	int(11)			No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/>	6 email	varchar(100)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#)

## **CONCLUSION**

The Doctor-Patient Portal is a significant step towards digitizing and streamlining healthcare management. By providing a user-friendly platform for patients to book appointments and doctors to manage their schedules, it bridges the communication gap and enhances the overall efficiency of medical services.

The integration of technologies like HTML, CSS, PHP, JavaScript, and MySQL ensures a robust and secure system that can handle real-time data processing and storage effectively. This portal not only simplifies the patient-doctor interaction but also reduces administrative overhead, allowing healthcare providers to focus more on patient care.

Through this project, we have demonstrated the potential of web-based solutions in addressing real-world challenges in healthcare. With scalability and customization options, the Doctor-Patient Portal can be further developed to include additional features such as telemedicine, prescription management, and notifications, making it a comprehensive healthcare management tool for the future.

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