



Mini Project Report
on
HealMate
For the course
Web Programming Laboratory

Submitted by

Shreejay Kurhade

Roll No: 16010123320

Keshav Mallawat

Roll No: 16010123172

Shravani Parte

Roll No: 16010123319

Guide

Prof. Bharathi Narayan

Department of Computer Engineering

K. J. Somaiya School of Engineering

Somaiya Vidyavihar University

Mini Project Report

DECLARATION

I declare that the written Mini Project report submission represents the work done based on my and / or others' ideas with adequately cited and referenced the original source. I also declare that I have adhered to all principles of academic honesty and integrity as per norms of the Somaiya Vidyavihar University. I have not misinterpreted, fabricated, or falsified any idea/data/fact/source/original work/matter in my submission.

I understand that any violation of the above will be cause for disciplinary action by the university and may evoke the penal action from the sources which have not been properly cited or from whom proper permission is not sought.

Roll NO: 16010123320 Student Name: Shreejay Kurhade Signature	Roll NO: 16010123172 Student Name: Keshav Mallawat Signature
Roll NO: 16010123319 Student Name: Shravani Parte Signature	

Date: 17-4-2025

Place: Mumbai-77

Index

1. Application Web Development: Title	5
2. Literature Review about Application (With references)	6
3. Objectives:	8
4. Flow of pages	10
5. Figma design, Database Schema	40
6. Conclusion	49
7. future scope	50

Acknowledgement

Mini Project Report

We would like to express my heartfelt gratitude to **Prof. Bharati Narayan**, my respected mentor and guide, for her constant support, guidance, and encouragement throughout the development of my Web Programming Lab project titled "**HealMate: A Web-Based Healthcare Management System.**" Her insightful feedback and constructive suggestions played a crucial role in shaping the project and enriching my learning experience.

We are also thankful to our institution K.J. Somaiya School of Engineering for providing the necessary resources and environment that fostered creativity and technical growth. This project has not only deepened my understanding of web development technologies but also given me practical exposure to real-world problem solving.

Special thanks to all those who indirectly contributed to the successful completion of this project, including peers, friends, and family members, for their motivation and moral support.

Working on **HealMate** has been a valuable learning journey. It has enhanced my skills in frontend development (HTML, CSS, JavaScript), backend scripting (PHP), database management (MySQL), and UI/UX designing using tools like Figma and Canva. Hosting the project via GitHub Pages and Localhost further broadened my technical understanding of web deployment.

Once again, I extend my sincere thanks to Prof. Bharati Narayan for being an inspiring mentor throughout this project journey.

1. Application Web Development: Title

Mini Project Report

Title of the Application:

"HealMate: A Web-Based Healthcare Management System"

Brief Introduction:

HealMate is a web-based application developed to simplify and streamline healthcare services. It enables users to access health-related services such as doctor appointment booking, viewing medical history, health tips, feedback submission, and more.

Purpose of the Project:

The project aims to digitize basic healthcare services, reduce manual intervention, and provide users with an easy-to-use platform for healthcare access.

Technology Stack Used:

- **Frontend:** HTML, CSS, JavaScript
- **Backend:** PHP
- **Database:** MySQL
- **Design Tool:** Figma and Canva
- **Hosting:** Localhost

2. Literature Review

Mini Project Report

The evolving landscape of healthcare demands a shift from conventional systems to integrated digital solutions. Despite significant advancements in healthcare infrastructure and technology, critical challenges remain unresolved—ranging from prolonged appointment queues, inefficient manual data management, and delays in patient-doctor communication to restricted access in rural areas. These issues were further intensified during the COVID-19 pandemic, emphasizing the urgent need for robust, web-based healthcare management platforms. HealMate is proposed as a solution that addresses these limitations by providing users with features such as appointment scheduling, health feedback collection, and personalized wellness tips—all within a unified digital portal.

To develop a user-centric and efficient platform, existing healthcare applications and relevant academic studies were analyzed. Among the popular applications, *Practo* stands out for its effective appointment booking and doctor discovery features. However, it lacks personalized health engagement tools such as detailed medical history tracking and feedback systems. This insight informs the inclusion of a feedback mechanism and appointment tracking features in HealMate. *1mg (Tata 1mg)* focuses more on e-pharmacy and diagnostic services, with limited patient-doctor interaction. While it offers pharmaceutical support, its static nature makes it less suitable for personalized care. For HealMate, this underscores the importance of integrating dynamic interaction elements alongside essential services. *HealthifyMe*, while emphasizing fitness and nutrition, is not structured for core healthcare management. Nevertheless, its wellness-oriented approach serves as a model for including health tips in HealMate, provided it maintains a simple and uncluttered user interface.

Complementing this application-based analysis, several academic studies offer further guidance. Sharma and Singh (2021) stress the significance of patient-centered design, along with the need for secure and intuitive interfaces in web-based healthcare systems [1]. Gupta (2020) highlights the benefits of digital portals in enhancing patient-doctor engagement and reducing operational inefficiencies, ultimately leading to improved medical outcomes [2]. Kumar and Verma (2019) provide a critical overview of e-health portals in India, noting deficiencies in UI/UX and personalization. Their recommendation for modular architecture and responsive design is particularly relevant for HealMate's development strategy [3].

This comprehensive review confirms that while existing solutions partially address digital healthcare needs, a holistic and accessible platform like HealMate—centered around usability, personalization, and integrated care—can bridge the remaining gaps and enhance overall healthcare delivery.

Mini Project Report

References:

- [1] Sharma, R., & Singh, K. (2021). *Web-Based Healthcare Management Systems: A Review*. *International Journal of Health Tech*, 8(4), 134-141.
- [2] Gupta, P. (2020). *Improving Patient Care Through Digital Portals*. *Journal of Medical Systems*, 44(2), 58.
- [3] Kumar, A., & Verma, S. (2019). *Analysis of E-Health Portals in India*.

3. Objectives

The primary objective of **HealMate** is to develop a user-friendly, secure, and efficient web-based healthcare management system that enhances the digital healthcare experience for both patients and healthcare providers.

3.1 Primary Objectives:

1. **To develop a centralized web application** that provides multiple healthcare services through a single platform.
2. **To reduce manual processes** like appointment booking, data entry, and feedback collection by automating them through a digital interface.
3. **To improve communication** between patients and healthcare professionals by offering real-time interaction and structured scheduling.
4. **To ensure data privacy and security** by implementing proper authentication and access control mechanisms.
5. **To create a responsive and intuitive design** that caters to all users, regardless of their technical background.

3.2 Functional Objectives:

- Allow users to **register and login securely** to access personalized healthcare services.
- Enable patients to **book, view, and cancel appointments** with doctors.
- Provide **health tips and educational resources** based on user interests or conditions.
- Maintain a **medical history and past appointment record** for users.
- Include a **feedback system** to gather user experiences and improve healthcare delivery.
- Use **Figma design prototypes** and a **database schema** to plan and visualize the system structure before development.

3.3 Educational Objectives (for WPL Project):

- Apply core **web development concepts** using HTML, CSS, JavaScript, and a backend language (e.g., PHP).
- Understand and implement a **full-stack application architecture**.
- Design a structured **relational database** and implement queries for data handling.
- Practice **project planning and documentation** skills for a real-world use case.
- Learn to work with **Figma and wireframes** to structure and design the front end professionally.

Mini Project Report

4. Flow of Pages

1. Navigation Bar

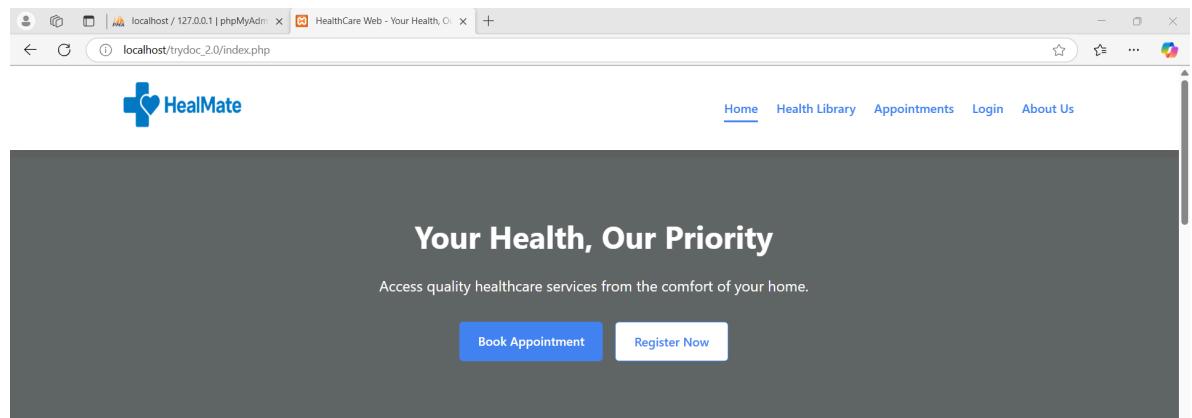
The logo redirects to the home page.

'Home' redirects to the home page.

'Health Library' redirects to Health Library

'Appointments' redirects to Appointments

'About Us' redirects to the info page



2. Footer

Quick Links as follows :

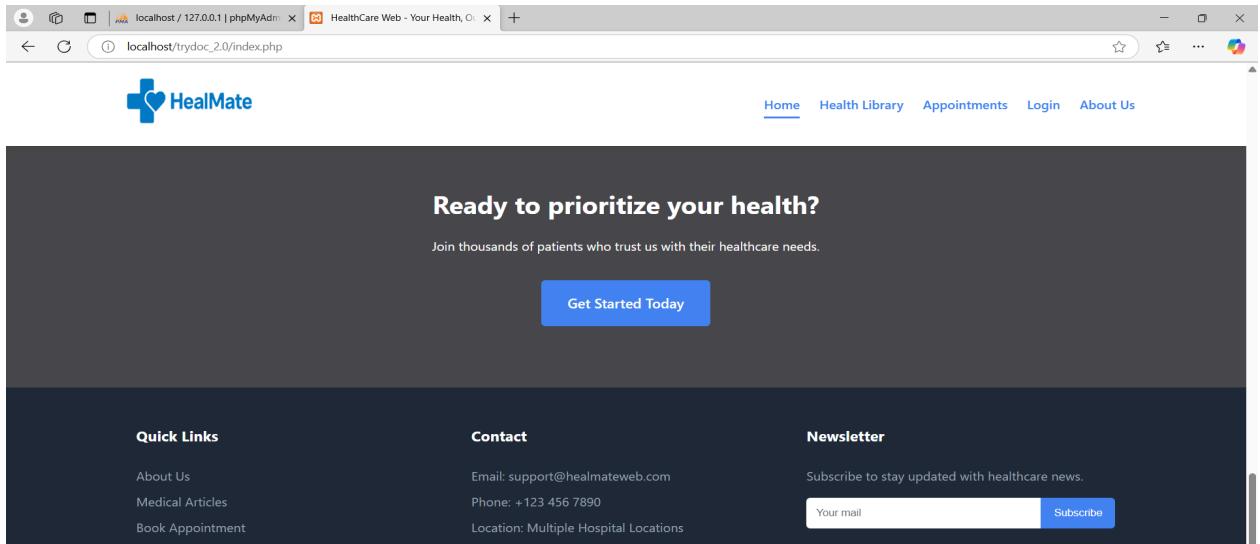
'About Us' redirects to the info page

'Medical Articles' redirects to Health Library

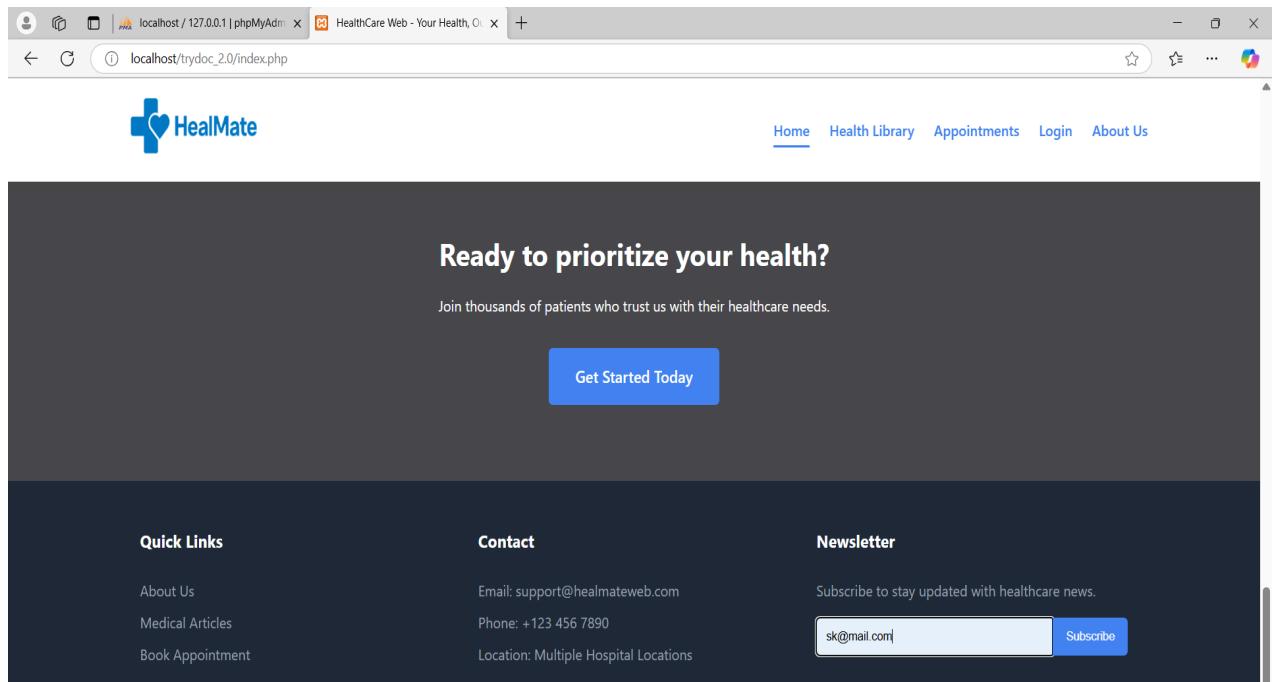
'Book Appointment' redirects to Appointments

Contact consists of email id, mobile no, location

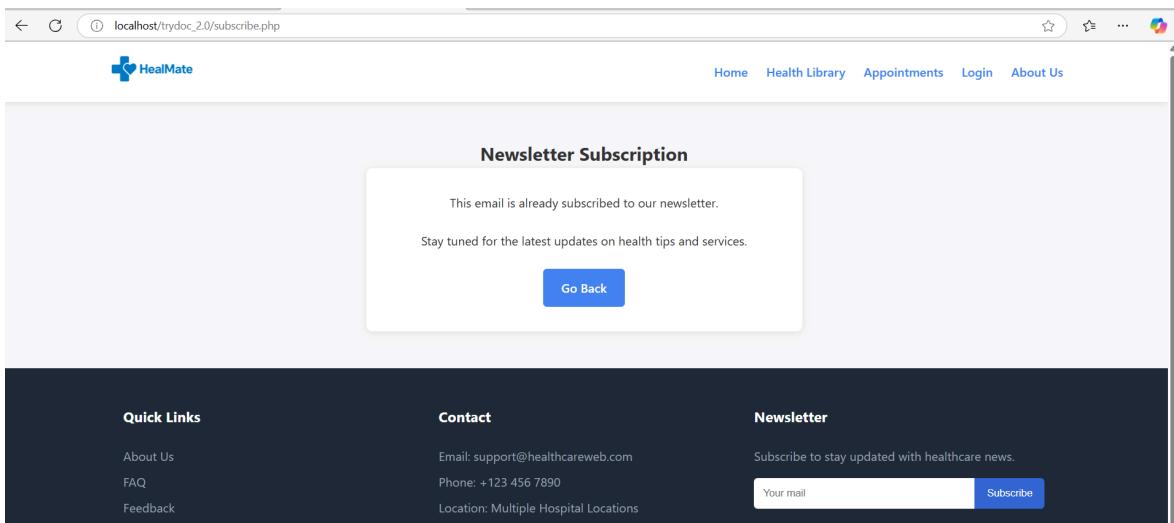
Mini Project Report



Newsletter : If mail id subscribed, then the mail-id is visible in the database as subscribed



Mini Project Report

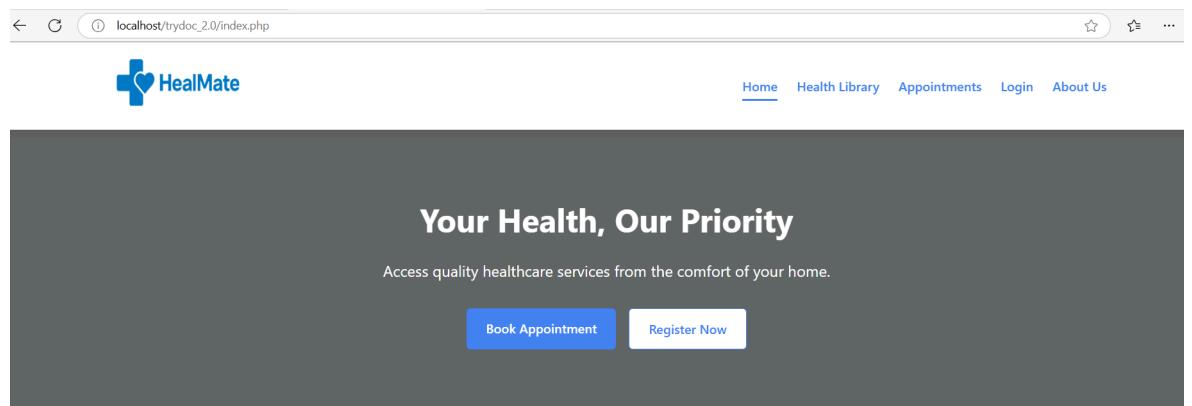


This screenshot shows a newsletter subscription confirmation page. At the top, there's a header with the HealMate logo and navigation links for Home, Health Library, Appointments, Login, and About Us. Below the header, a central box displays the title "Newsletter Subscription". Inside this box, a message states "This email is already subscribed to our newsletter." followed by "Stay tuned for the latest updates on health tips and services." A blue "Go Back" button is located at the bottom right of the message box.

Quick Links		Contact	Newsletter
About Us	FAQ	Email: support@healthcareweb.com Phone: +123 456 7890 Location: Multiple Hospital Locations	Subscribe to stay updated with healthcare news. <input type="text" value="Your mail"/> <input type="button" value="Subscribe"/>

id	email	subscribed_at
1	shravani.parte@somaiya.edu	2025-04-12 11:55:35
2	nn@mail.com	2025-04-12 22:46:21
3	sk@mail.com	2025-04-16 22:45:50

3. Landing Page



This screenshot shows the main landing page of the HealMate website. At the top, there's a header with the HealMate logo and navigation links for Home, Health Library, Appointments, Login, and About Us. The main content area features a dark banner with the text "Your Health, Our Priority" and a subtitle "Access quality healthcare services from the comfort of your home." Below the banner are two blue buttons: "Book Appointment" and "Register Now".

Book Appointment redirects to Appointment

Register Now redirects to registration page

Mini Project Report

The screenshot shows the HealMate website homepage. At the top, there is a navigation bar with links for Home, Health Library, Appointments, Login, and About Us. Below the navigation bar, the title "Our Services" is displayed. Three service cards are shown:

- Online Appointments**: Book appointments with specialists in just a few clicks, no waiting in line.
- Digital Health Records**: Access your medical history anytime, anywhere securely.
- Medical Articles**: Know more about the current medical happenings.

Online Appointments redirects to Appointments

Digital Health Records redirects to personal dashboard

Medical Articles redirects to Health Library

The screenshot shows a section titled "Meet Our Specialists" on the HealMate website. It features four doctor profiles:

- Dr. A Sharma**: Cardiologist. Book appointment button.
- Dr. B Mehta**: Pediatrician. Book appointment button.
- Dr. C Patel**: Orthopaedic. Book appointment button.
- Dr. D Gupta**: Neurologist. Book appointment button.

A "View All Doctors" button is located at the bottom of the grid.

This is a shortcut again to booking appointments of doctors

Mini Project Report

The screenshot shows the HealMate website homepage. At the top, there is a navigation bar with links for Home, Health Library, Appointments, Login, and About Us. Below the navigation bar, the title "What Our Patients Say" is displayed. Three patient reviews are shown in boxes:

- Priya Sharma (Patient): "The online booking system saved me so much time. I was able to see a specialist quickly without the usual waiting time."
- Rahul Verma (Patient): "The doctors are incredibly professional and caring. I feel like my health is in good hands with HealthCare Web."
- Neha Patel (Patient): "Having all my medical records in one place has made managing my healthcare so much easier. Great service!"

In the center of the page, there is a dark banner with the text "Ready to prioritize your health?" and a blue "Get Started Today" button.

'Get Started Today' redirects to registration page

4. Registration

The screenshot shows the HealMate website registration page. At the top, there is a navigation bar with links for Home, Health Library, Appointments, Login, and About Us. Below the navigation bar, the title "Register here" is displayed. The registration form consists of several input fields:

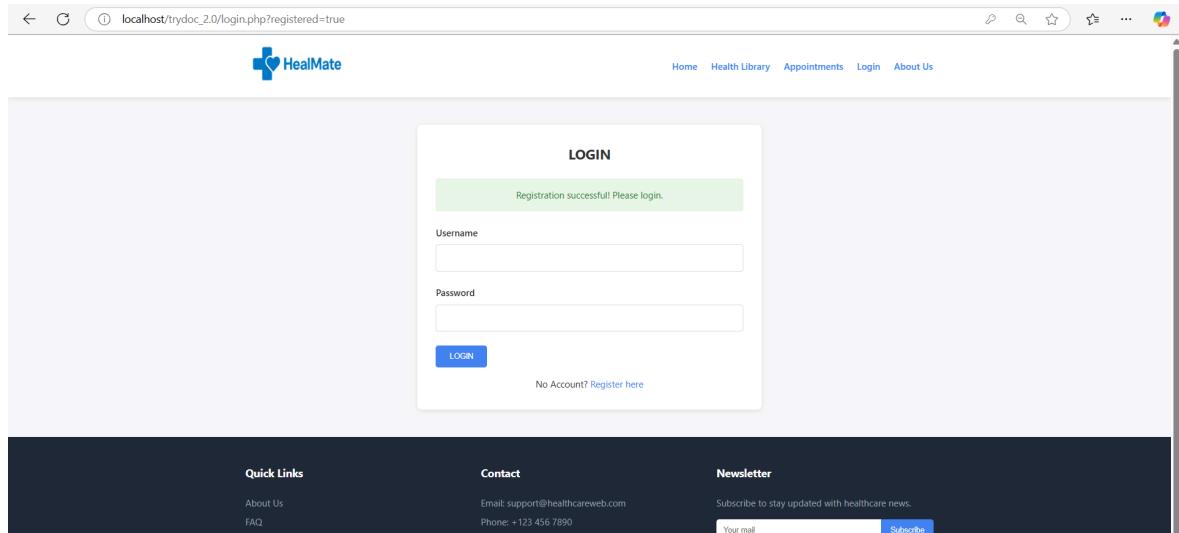
- Name: Shravani Sanjay Parte
- Contact: 9321604690
- Email: shravani.parte@somaiya.edu
- DOB: 08/27/2004
- Username: shravani.parte
- Password: (redacted)

At the bottom of the form, there is a blue "Registration" button and a link "Already have an account? Login here".

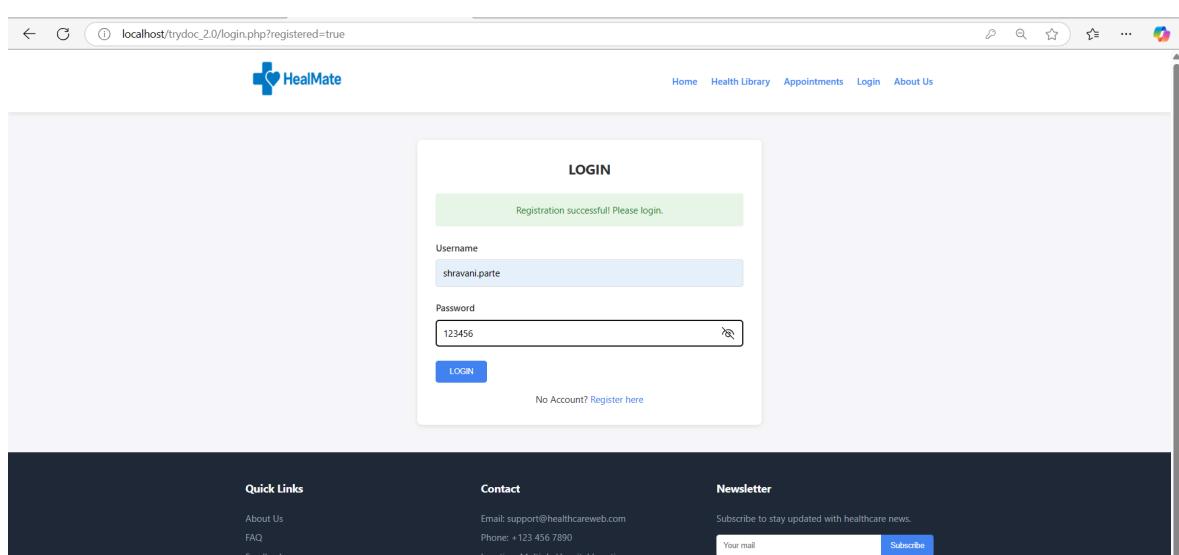
on clicking 'Register' button

Mini Project Report

5. Login



The screenshot shows a web browser window for the URL `localhost/trydoc_2.0/login.php?registered=true`. The page features a header with the HealMate logo and navigation links for Home, Health Library, Appointments, Login, and About Us. Below the header is a central login form titled "LOGIN". A green success message at the top of the form reads "Registration successful! Please login.". The form contains fields for "Username" (empty) and "Password" (empty), and a "LOGIN" button. At the bottom of the form, there is a link "No Account? Register here".



This screenshot shows the same login page as above, but with user input. The "Username" field now contains "shravani.parte" and the "Password" field contains "123456". All other elements of the page, including the success message and footer information, remain the same.

On clicking 'Login' button

Mini Project Report

6. My Dashboard

The screenshot shows the HealMate My Dashboard interface. At the top, there is a navigation bar with links: Home, Health Library, Appointments, My Dashboard, Logout, and About Us. The main content area starts with a welcome message: "Welcome, Shravani Sanjay Parte!". Below this, a green banner displays the message "Profile updated successfully!". The dashboard is divided into two main sections: "My Profile" on the left and "My Appointments" on the right.

My Profile

Name: Shravani Sanjay Parte

Email: shravani.parte@somaiya.edu

Contact: 9321604690

Date of Birth: 08/27/2004

Height (cm): 167.64

Weight (kg): 75

Update Profile

My Appointments

You don't have any appointments yet.

Book New Appointment

Mini Project Report

The screenshot shows the HealMate dashboard for a user named Shravani Sanjay Parte. The top navigation bar includes links for Home, Health Library, Appointments, My Dashboard, Logout, and About Us. The main content area has two sections: 'My Profile' on the left and 'My Appointments' on the right. The 'My Profile' section contains fields for Name (Shravani Sanjay Parte), Email (shravani.parte@somaiya.edu), Contact (9321604690), Date of Birth (08/27/2004), Height (cm) (167.64), and Weight (kg) (75). It also features an 'Update Profile' button and a 'Danger Zone' link. The 'My Appointments' section indicates 'You don't have any appointments yet.' and a 'Book New Appointment' button.

on updating profile

	id	username	password		name	email	contact	dob	height	weight	registration_date			
<input type="checkbox"/>	6	shray_p	\$2y\$10\$TV2WxrobidL6efxCnQwZweNv7Mw.xTPn8BgvnFCqmfl... SPPP		nn@mail.com	78985216	2025-04-05	1244	24	2025-04-12 22:54:06				
<input type="checkbox"/>	8	shravani.parte	\$2y\$10\$NteADHXYZ6lnCGkzmQruQkY5fZqJ2PDutvNb5LsWn... Shravani Sanjay Parte	shravani.parte@somaiya.edu	shravani.parte@somaiya.edu	9321604690	2004-08-27	167.64	75	2025-04-17 00:12:08				

on clicking on Book Appointment

Mini Project Report

7. Appointment

 HealMate

Home Health Library Appointments My Dashboard Logout About Us

Doctors Directory

Filter by Specialty: All

Doctor Profile	Specialty	Timings	Experience	Qualifications	Action
	Dr. A Sharma Cardiologist	9 AM - 2 PM	15 years	MD, DM Cardiology	Book Appointment
	Dr. B Mehta Pediatrician	10 AM - 4 PM	10 years	MBBS, MD Pediatrics	Book Appointment
	Dr. C Patel Orthopaedic	8 AM - 1 PM	20 years	MS Orthopaedics	Book Appointment
	Dr. D Gupta Neurologist	11 AM - 5 PM			Book Appointment
	Dr. E Verma Dermatologist	9 AM - 3 PM			Book Appointment
	Dr. F Rao Ophthalmologist	10 AM - 2 PM			Book Appointment

on clicking book appointment of say Dr. B Mehta
if timings out of doctors timings

Mini Project Report

Book Appointment with Dr. Dr. B Mehta



Dr. B Mehta

Specialty: Pediatrician

Timings: 10 AM - 4 PM

Qualifications: MBBS, MD Pediatrics

Child specialist with focus on childhood diseases and immunization

Appointment Date

Calendar icon

Preferred Time

Clock icon

Please ! Value must be 10:00 AM or later.

Reason for Visit

[Book Appointment](#) [Back to Doctors](#)

Mini Project Report

on putting in the right slot , automatically confirm appointment if doctors slot is free

Book Appointment with Dr. Dr. B Mehta



Dr. B Mehta

Specialty: Pediatrician

Timings: 10 AM - 4 PM

Qualifications: MBBS, MD Pediatrics

Child specialist with focus on childhood diseases and
immunization

Appointment Date

04/17/2025



Preferred Time

03:19 PM



Please select a time between 10:00 AM and 04:00 PM

Reason for Visit

cough...

[Book Appointment](#)

[Back to Doctors](#)

Mini Project Report

The screenshot shows the HealMate mobile application interface. At the top, there is a navigation bar with links for Home, Health Library, Appointments, My Dashboard, Logout, and About Us. The main header says "Welcome, Shravani Sanjay Parte!". On the left, there is a "My Profile" section containing fields for Name (Shravani Sanjay Parte), Email (shravani.parte@somaiya.edu), Contact (9321604690), Date of Birth (08/27/2004), Height (cm) (167.64), and Weight (kg) (75). Below these fields is a blue "Update Profile" button. At the bottom of this section is a red "Danger Zone" heading with a "Delete Account" link. On the right, there is a "My Appointments" section showing a single appointment entry for Dr. B Mehta (Pediatrician) on 2025-04-17 at 15:19:00, with a status of "Confirmed". A blue "Book New Appointment" button is located below the appointment table.

Mini Project Report

if we try again on an already occupied slot, then gives optional time slots at a buffer of 15 mins per appointment

Book Appointment with Dr. Dr. B Mehta



Dr. B Mehta

Specialty: Pediatrician

Timings: 10 AM - 4 PM

Qualifications: MBBS, MD Pediatrics

Child specialist with focus on childhood diseases and immunization

Appointment Date

Preferred Time

(L)

Please select a time between 10:00 AM and 04:00 PM

Reason for Visit

if try on repeated slot

[Book Appointment](#) [Back to Doctors](#)

Mini Project Report

Book Appointment with Dr. Dr. B Mehta

Your preferred time slot is not available. Please choose from suggested times below.



Dr. B Mehta

Specialty: Pediatrician

Timings: 10 AM - 4 PM

Qualifications: MBBS, MD Pediatrics

Child specialist with focus on childhood diseases and immunization

Available Time Slots

Your preferred time slot is not available. Please select from these available times:

02:36 PM

02:51 PM

03:36 PM

03:51 PM

Book Alternative Slot

If none of these times work for you, you can:

[Submit Original Request as Pending](#)

Your original request will be kept pending and confirmed if the slot becomes available.

If Book Alternate Slot then confirm appointment

Mini Project Report

Welcome, Shravani Sanjay Parte!

My Profile

Name

Email

Contact

Date of Birth
 [Edit]

Height (cm)

Weight (kg)

[Update Profile](#)

Danger Zone

[Delete Account](#)

My Appointments

Doctor	Specialty	Date	Time	Status	Actions
Dr. B Mehta	Pediatrician	2025-04-17	15:19:00	Confirmed	Cancel
Dr. B Mehta	Pediatrician	2025-04-17	14:36:00	Confirmed	Cancel

[Book New Appointment](#)

Mini Project Report

But if kept as ‘Submit original request as pending’ then

Book Appointment with Dr. Dr. B Mehta



Dr. B Mehta

Specialty: Pediatrician

Timings: 10 AM - 4 PM

Qualifications: MBBS, MD Pediatrics

Child specialist with focus on childhood diseases and immunization

Appointment Date

04/17/2025



Preferred Time

03:21 PM



Please select a time between 10:00 AM and 04:00 PM

Reason for Visit

pending slot..

[Book Appointment](#)

[Back to Doctors](#)

Mini Project Report

Book Appointment with Dr. Dr. B Mehta

Your preferred time slot is not available. Please choose from suggested times below.



Dr. B Mehta

Specialty: Pediatrician

Timings: 10 AM - 4 PM

Qualifications: MBBS, MD Pediatrics

Child specialist with focus on childhood diseases and immunization

Available Time Slots

Your preferred time slot is not available. Please select from these available times:

02:51 PM

03:36 PM

03:51 PM

Book Alternative Slot

If none of these times work for you, you can:

[Submit Original Request as Pending](#)

Your original request will be kept pending and confirmed if the slot becomes available.

Mini Project Report

Welcome, Shravani Sanjay Parte!

My Profile

Name

Email

Contact

Date of Birth
 [Calendar icon]

Height (cm)

Weight (kg)

[Update Profile](#)

Danger Zone

[Delete Account](#)

My Appointments

Doctor	Specialty	Date	Time	Status	Actions
Dr. B Mehta	Pediatrician	2025-04-17	15:21:00	Pending	Cancel
Dr. B Mehta	Pediatrician	2025-04-17	15:19:00	Confirmed	Cancel
Dr. B Mehta	Pediatrician	2025-04-17	14:36:00	Confirmed	Cancel

[Book New Appointment](#)

Cancel appointment by clicking on 'cancel'

Mini Project Report

oard.php

The screenshot shows a web-based medical application interface. At the top, there's a navigation bar with a logo for 'HealMate' and links for 'Dashboard', 'Logout', and 'About Us'. A modal dialog box is centered, asking 'localhost says' if the user is sure they want to cancel an appointment. Below the modal, the main content area has two sections: 'My Profile' on the left and 'My Appointments' on the right.

My Profile

- Name: Shravani Sanjay Parte
- Email: shravani.parte@somaiya.edu
- Contact: 9321604690
- Date of Birth: 08/27/2004
- Height (cm): 167.64
- Weight (kg): 75

Update Profile

Danger Zone

Delete Account

My Appointments

Doctor	Specialty	Date	Time	Status	Actions
Dr. B Mehta	Pediatrician	2025-04-17	15:21:00	Pending	Cancel
Dr. B Mehta	Pediatrician	2025-04-17	15:19:00	Confirmed	Cancel
Dr. B Mehta	Pediatrician	2025-04-17	14:36:00	Confirmed	Cancel

Book New Appointment

Mini Project Report

The screenshot shows the HealMate application interface. At the top, there is a logo with a blue cross and heart icon followed by the text "HealMate". A navigation bar with links: Home, Health Library, Appointments, My Dashboard, Logout, and About Us. Below the navigation bar, a welcome message "Welcome, Shravani Sanjay Parte!" is displayed. The main area is divided into two sections: "My Profile" on the left and "My Appointments" on the right.

My Profile

- Name: Shravani Sanjay Parte
- Email: shravani.parte@somaiya.edu
- Contact: 9321604690
- Date of Birth: 08/27/2004
- Height (cm): 167.64
- Weight (kg): 75

My Appointments

Doctor	Specialty	Date	Time	Status	Actions
Dr. B Mehta	Pediatrician	2025-04-17	15:21:00	Cancelled	
Dr. B Mehta	Pediatrician	2025-04-17	15:19:00	Confirmed	Cancel
Dr. B Mehta	Pediatrician	2025-04-17	14:36:00	Confirmed	Cancel

Book New Appointment

Danger Zone

[Delete Account](#)

	← ↑ →		id	user_id	doctor_id	appointment_date	appointment_time	reason	status	created_at
<input type="checkbox"/>	Edit	Copy	Delete	15	6	2	2025-04-17	11:08:00	qq	cancelled 2025-04-16 20:08:37
<input type="checkbox"/>	Edit	Copy	Delete	16	6	2	2025-04-17	10:38:00	r	cancelled 2025-04-16 20:09:24
<input type="checkbox"/>	Edit	Copy	Delete	17	6	2	2025-04-17	11:09:00	pp	cancelled 2025-04-16 20:09:48
<input type="checkbox"/>	Edit	Copy	Delete	21	8	2	2025-04-17	15:19:00	cough...	confirmed 2025-04-17 00:21:09
<input type="checkbox"/>	Edit	Copy	Delete	22	8	2	2025-04-17	14:36:00	if try on repeated slot	confirmed 2025-04-17 00:23:57
<input type="checkbox"/>	Edit	Copy	Delete	23	8	2	2025-04-17	15:21:00	pending slot..	cancelled 2025-04-17 00:25:38

Filter by doctors specialization

Mini Project Report

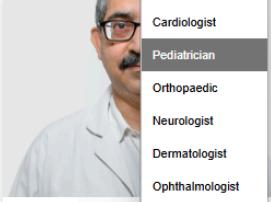


Home Health Library Appointments Login About Us

Doctors Directory

Filter by Specialty: All

- All
- Cardiologist
- Pediatrician
- Orthopaedic
- Neurologist
- Dermatologist
- Ophthalmologist
- ENT Specialist
- Gynecologist

 <p>Dr. A Sharma Specialty: Cardiologist Timings: 9 AM - 2 PM Experience: 15 years Qualifications: MD, DM Cardiology</p> Book Appointment	 <p>Dr. B Mehta Specialty: Pediatrician Timings: 10 AM - 4 PM Experience: 10 years Qualifications: MBBS, MD Pediatrics</p> Book Appointment	 <p>Dr. C Patel Specialty: Orthopaedic Timings: 8 AM - 1 PM Experience: 20 years Qualifications: MS Orthopaedics</p> Book Appointment
 <p>Dr. D Gupta Specialty: Neurologist Timings: 11 AM - 5 PM</p>	 <p>Dr. E Verma Specialty: Dermatologist Timings: 9 AM - 3 PM</p>	 <p>Dr. F Rao Specialty: Ophthalmologist Timings: 10 AM - 2 PM</p>

Mini Project Report

0/doctors.php?specialty=Pediatrician

The screenshot shows the 'Doctors Directory' page for pediatricians on the HealMate website. At the top, there is a navigation bar with links for Home, Health Library, Appointments, Login, and About Us. A logo for 'HealMate' with a blue heart icon is also present. Below the navigation, a filter dropdown is set to 'Pediatrician'. The main content area displays three doctor profiles in a grid:

Doctor Name	Specialty	Timings	Experience	Qualifications	Action
Dr. B Mehta	Pediatrician	10 AM - 4 PM	10 years	MBBS, MD Pediatrics	Book Appointment
Dr. K Joshi	Pediatrician	9 AM - 1 PM	8 years	MD Pediatrics, DCH	Book Appointment
Dr. L Desai	Pediatrician	2 PM - 6 PM	16 years	MBBS, MD Pediatrics	Book Appointment

At the bottom of the page, there is a footer section with 'Quick Links' (About Us, Medical Articles, Book Appointment), 'Contact' information (Email: support@healmateweb.com, Phone: +123 456 7890, Location: Multiple Hospital Locations), and a 'Newsletter' sign-up form.

Mini Project Report

8. Logout

:hboard.php?message=Appointment+cancelled+successfully.

The screenshot shows the HealMate dashboard for a user named Shravani Sanjay Parte. The top navigation bar includes links for Home, Health Library, Appointments, My Dashboard (which is underlined), Logout, and About Us. The main content area has two sections: 'My Profile' on the left and 'My Appointments' on the right.

My Profile:

- Name: Shravani Sanjay Parte
- Email: shravani.parte@somaiya.edu
- Contact: 9321604690
- Date of Birth: 08/27/2004
- Height (cm): 167.64
- Weight (kg): 75

Update Profile button

Danger Zone

Delete Account button

My Appointments:

Doctor	Specialty	Date	Time	Status	Actions
Dr. B Mehta	Pediatrician	2025-04-17	15:21:00	Cancelled	Cancel
Dr. B Mehta	Pediatrician	2025-04-17	15:19:00	Confirmed	Cancel
Dr. B Mehta	Pediatrician	2025-04-17	14:36:00	Confirmed	Cancel

Book New Appointment button

back to landing page

Mini Project Report

0/index.php



[Home](#) [Health Library](#) [Appointments](#) [Login](#) [About Us](#)

Your Health, Our Priority

Access quality healthcare services from the comfort of your home.

[Book Appointment](#)

[Register Now](#)

Our Services



Online Appointments

Book appointments with specialists in just a few clicks, no waiting in line.



Digital Health Records

Access your medical history anytime, anywhere securely.



Medical Articles

Know more about the current medical happenings.

Mini Project Report

9. Delete Account

The screenshot shows the HealMate app interface. At the top, there is a navigation bar with links: Home, Health Library, Appointments, My Dashboard, Logout, and About Us. The main content area has two main sections: 'My Profile' on the left and 'My Appointments' on the right.

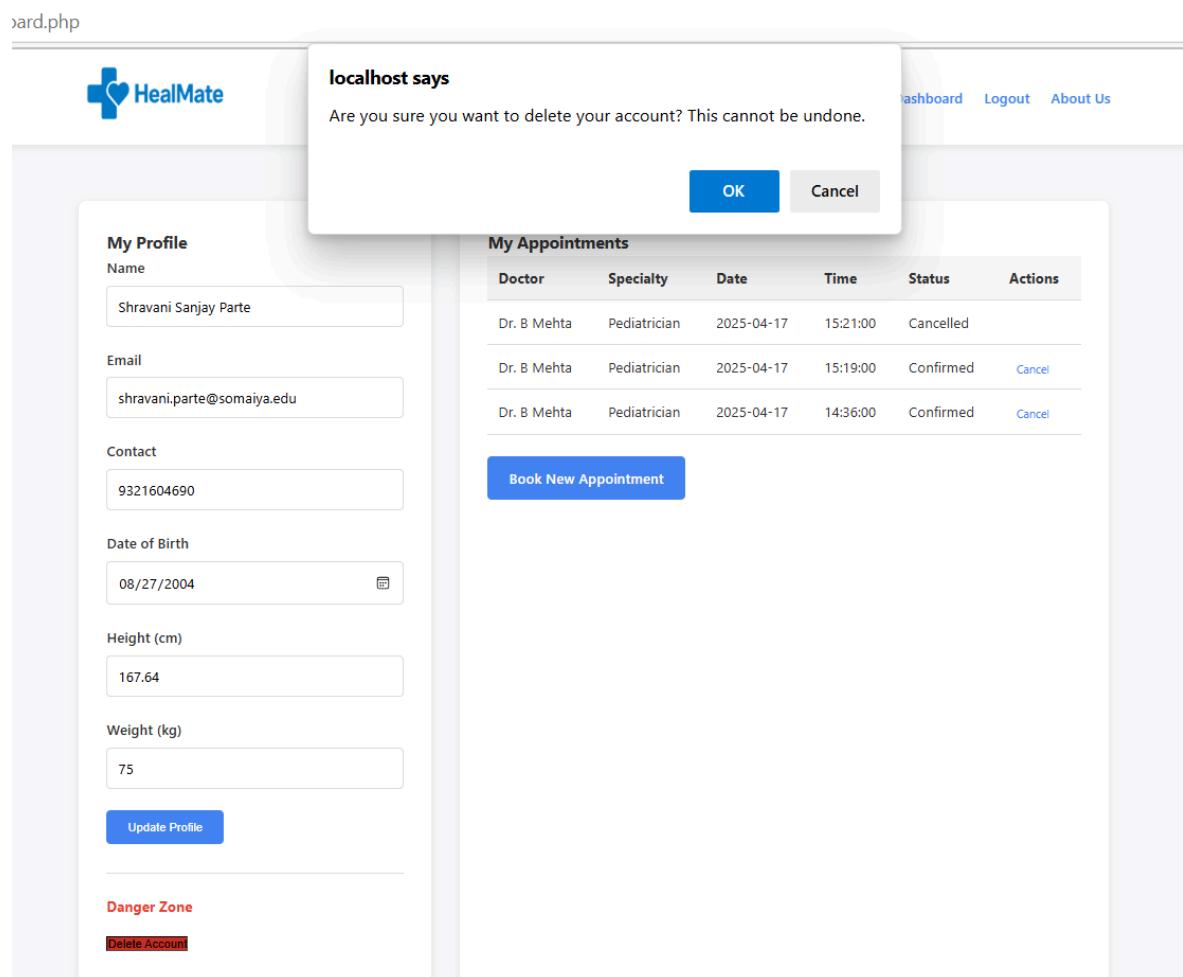
My Profile: This section contains fields for Name (Shravani Sanjay Parte), Email (shravani.parte@somaiya.edu), Contact (9321604690), Date of Birth (08/27/2004), Height (cm) (167.64), and Weight (kg) (75). It also features an 'Update Profile' button and a 'Danger Zone' section with a 'Delete Account' link.

My Appointments: This section lists three appointments for Dr. B Mehta, all of which are confirmed. The table includes columns for Doctor, Specialty, Date, Time, Status, and Actions (Cancel).

Doctor	Specialty	Date	Time	Status	Actions
Dr. B Mehta	Pediatrician	2025-04-17	15:21:00	Cancelled	Cancel
Dr. B Mehta	Pediatrician	2025-04-17	15:19:00	Confirmed	Cancel
Dr. B Mehta	Pediatrician	2025-04-17	14:36:00	Confirmed	Cancel

Action Buttons: A prominent blue 'Book New Appointment' button is located below the appointment table. At the bottom of the profile section, there is a red 'Delete Account' button.

Mini Project Report



user got deleted

	id	username	password	name	email	contact	dob	height	weight	registration_date
<input type="checkbox"/>	6	shraw_p	\$2y\$10\$TV2WxobidLj6efxCnQwZweWw7Mw.xTPn8BgxnFCqmft...	SPPP	nn@mail.com	78995216	2025-04-05	1244	24	2025-04-12 22:54:06

Mini Project Report

10. Health Library

The screenshot shows the HealMate Health Library homepage. At the top, there is a navigation bar with links to Home, Health Library, Appointments, Login, and About Us. Below the navigation is a section titled "Featured Health Topics" with three cards:

- How Sleep Affects Your Mental Health** (April 10, 2025) - An image of a woman sleeping. Category: Sleep Health. Read Article.
- Moderate Exercise: Benefits Beyond Physical Health** (April 8, 2025) - An image of children running in a park. Category: Fitness. Read Article.
- The Science of Balanced Nutrition** (April 5, 2025) - An image of a plate filled with various fruits and vegetables. Category: Nutrition. Read Article.

On clicking 'Read Article' redirects to other designated website for reading the articles

The screenshot shows the HealMate Health Library homepage with a grid of "Latest Health Articles". At the top, there is a navigation bar with links to Home, Health Library, Appointments, Login, and About Us. Below the navigation is a section titled "Latest Health Articles" with a grid of 12 article cards:

Image	Date	Title	Category	Action
	Apr 12, 2025	Rujuta Diwekar's Diet Plan: Healthy Eating, Happy Living	Nutrition	Read Article
	Apr 11, 2025	Effective Strategies for Managing Stress	Mental Health	Read Article
	Apr 10, 2025	Effective Home Workouts Without Equipment	Fitness	Read Article
	Apr 9, 2025	Sun Safety: Protecting Your Skin	Pregnancy	Read Article
	Apr 8, 2025	Understanding Hormonal Health for Women	Women's Health	Read Article
	Apr 7, 2025	The Benefits of Plant-Based Eating	Nutrition	Read Article
	Apr 6, 2025	The Science Behind Meditation Benefits	Mental Health	Read Article
	Apr 5, 2025	Hydration: How Much Water Do You Really Need?	Nutrition	Read Article
	Apr 4, 2025	Staying Active as You Age: A Guide for Seniors	Fitness	Read Article
	Apr 3, 2025	Heart Health: Prevention Strategies	Pregnancy	Read Article
	Apr 2, 2025	Yoga Benefits for Physical and Mental Wellbeing	Fitness	Read Article
	Apr 1, 2025	Hydration: How Much Water Do You Really Need?	Nutrition	Read Article

You can also filter the articles by topics

Mini Project Report

The screenshot shows a grid of three health articles. The first article, 'Rujuta Diwekar's Diet Plan: Healthy Eating, Happy Living', is dated April 12, 2025, and is categorized under Nutrition. It features a photo of various healthy foods like chicken, vegetables, and fruits. The second article, 'The Benefits of Plant-Based Eating', is dated April 7, 2025, and is also under Nutrition. It features a photo of a variety of colorful vegetables. The third article, 'Hydration: How Much Water Do You Really Need?', is dated April 1, 2025, and is under Nutrition. It features a photo of a person drinking water from a glass. At the top right, there are links for All Categories, Nutrition, Mental Health, Fitness, Prevention, and Women's Health. Below the articles is a dark footer bar with links for Quick Links, Contact, and Newsletter.

11. About Us

The screenshot shows the HealMate website homepage. At the top left is the HealMate logo. To its right are links for Home, Health Library, Appointments, Login, and About Us. The main title 'About HealMate Web' is centered above a sub-headline 'Providing Quality Healthcare Solutions Since 2010'. Below this is a large image of a modern multi-story healthcare building with a prominent 'H' logo. To the right of the building are several sections: 'Our Mission' (with a brief description), 'Our History' (with a brief description), 'Our Approach' (with a brief description), 'Our Values' (with a bulleted list of values), and 'Our Leadership Team' (with circular profile photos and names for Dr. Sarah Smith, Dr. Raj Patel, and Ms. Emily Johnson). A vertical scroll bar is visible on the right side of the page.

Mini Project Report

We Value Your Feedback

Help us improve our services by sharing your experience with us. Your feedback is important to us!

Name

Sanjay

Email

s@mail.com

Phone (Optional)

123456789

Date of Visit (Optional)

04/01/2025



Your Feedback

Nice experience

Submit Feedback

Mini Project Report

The screenshot shows a web application interface. At the top, there is a header with a logo labeled "HealMate" and navigation links for "Home", "Health Library", "Appointments", "Login", and "About Us". Below the header is a "Feedback Submission" section with a message thanking the user for their feedback and stating that their input will be used to improve services. A "Return to Home" button is present. The main content area contains three sections: "Quick Links" (About Us, FAQ, Feedback), "Contact" (Email: support@healthcareweb.com, Phone: +123 456 7890, Location: Multiple Hospital Locations), and "Newsletter" (Subscribe to stay updated with healthcare news, with a "Your mail" input field and a "Subscribe" button). At the bottom, a copyright notice reads "© 2025 HealthCare Web. All rights reserved." Below this is a table titled "Contact" showing a list of feedback submissions with columns for id, name, email, visit_date, phone, message, and created_at.

	<input type="checkbox"/>	Edit	Copy	Delete	id	name	email	visit_date	phone	message	created_at
	<input type="checkbox"/>	Edit	Copy	Delete	1	SPPP	nn@mail.com	2025-04-04	6562	happy life	2025-04-12 11:56:42
	<input type="checkbox"/>	Edit	Copy	Delete	2	spp	nn@mail.com	2025-04-01	6562	goodddd	2025-04-12 22:45:42
	<input type="checkbox"/>	Edit	Copy	Delete	3	keshav	keshav@mail.com	2025-04-01	4846565	NICE JOB	2025-04-16 22:47:35
	<input type="checkbox"/>	Edit	Copy	Delete	4	keshav	keshav@mail.com	2025-04-05	4846565	zc	2025-04-16 23:22:11
	<input type="checkbox"/>	Edit	Copy	Delete	5	keshav	keshav@mail.com	2025-04-05	4846565	zc	2025-04-16 23:25:36
	<input type="checkbox"/>	Edit	Copy	Delete	6	Sanjay	s@mail.com	2025-04-01	123456789	Nice experience	2025-04-17 00:39:47

Up Check all With selected: [Edit](#) [Copy](#) [Delete](#) [Export](#)

Mini Project Report

5. Figma Design



ABOUT US

Lorem Ipsum is simply dummy text of the printing and typesetting industry. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

Mission & Vision

Lorem Ipsum is simply dummy text of the printing and typesetting industry. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

Meet Our Experts

Lorem Ipsum is simply dummy text of the printing and typesetting industry. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages, and more recently with desktop publishing software like Aldus PageMaker including versions of Lorem Ipsum.

Feedback Form

Name

Email

Date of Visit

Phone No.

Concern/ View/ Suggestion

Document Upload



Mini Project Report

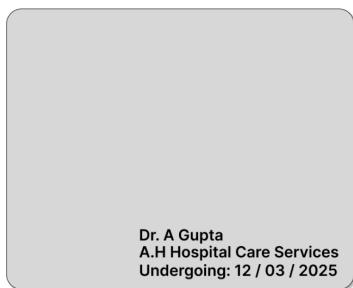


Confirmed

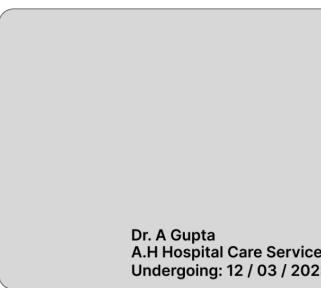


Dr. A Gupta
A.H Hospital Care Services
Undergoing: 12 / 03 / 2025

Unallotted



Dr. A Gupta
A.H Hospital Care Services
Undergoing: 12 / 03 / 2025



Dr. A Gupta
A.H Hospital Care Services
Undergoing: 12 / 03 / 2025



Mini Project Report



Health Library Appointments Login Contact Us

Personal Info Reports Your Appointments Medication/ Prescription

Name

Age

DOB

Contact

Email

Medical Data

Blood Type

Height

Weight

Allergy

Accidents/ Prior Problems

Update

Submit

Links
Register your appointment
Disease control
Disease control

Emergency Contacts
Register your appointment
Register your appointment
Register your appointment

Your socials
[in](#) [f](#) [o](#)

Newsletter
Subscribe to stay updated with healthcare news and articles.
Your mail **SUBSCRIBE**

Mini Project Report



Health Library Appointments Login Contact Us

Doctors Directory

Filter by specialty All

Dr. A Sharma



Specialty : Cardiologist
Timings : 9 AM - 2 PM

Book Appointment

Dr. B Mehta



Specialty : Pediatrician
Timings : 10 AM - 4 PM

Book Appointment

Dr. C Patel



Specialty : Orthopaedic
Timings : 8 AM - 1 PM

Book Appointment

Dr. D Gupta



Specialty : Neurologist
Timings : 11 AM - 5 PM

Book Appointment

Dr. E Verma



Dr. F Rao



Dr. G Das



Dr. H Verma



Links
Register your appointment
Disease control
Disease control

Emergency Contacts
Register your appointment
Register your appointment
Register your appointment

Your socials
[LinkedIn](#) [Facebook](#) [Instagram](#)

Newsletter
Subscribe to stay updated with healthcare news and articles.
Your mail **SUBSCRIBE**

Page 43

Mini Project Report



Health Library Appointments Login Contact Us

Welcome to HealthCare Web



Seamless Healthcare,
Anytime, Anywhere



Book Appointments & Access
Medical Resources Easily



Find Doctors, Schedule Visits,
Stay Healthy

Facilities and Services



Read What Others Have To Say



OLIVIA COLE

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc ullamcorper scelerisque mi, in malesuada felis malesuada vel.



EVAN WHITE

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc ullamcorper scelerisque mi, in malesuada felis malesuada vel.



OLIVIA COLE

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc ullamcorper scelerisque mi, in malesuada felis malesuada vel.

Links
Register your appointment
Disease control
Disease control

Emergency Contacts
Register your appointment
Register your appointment
Register your appointment

Your socials
[in](#) [f](#) [i](#)

Newsletter
Subscribe to stay updated with healthcare news and articles.
Your mail [SUBSCRIBE](#)

Mini Project Report

The screenshot shows a mobile application interface. At the top is a blue header bar with a logo on the left and links for "Health Library", "Appointments", "Login", and "Contact Us". Below the header is a light blue navigation bar with tabs for "Personal Info", "Reports", "Your Appointments", and "Medication/ Prescription". The main content area displays four receipt-like cards, each with a date (8/02/2024), a doctor's name (Dr. A Gupta), the service (A.H Hospital Care Services), and a "Download" button.

Receipts

8 / 02 / 2024

Dr. A Gupta
A.H Hospital Care Services

Download

8 / 02 / 2024

Dr. A Gupta
A.H Hospital Care Services

Download

8 / 02 / 2024

Dr. A Gupta
A.H Hospital Care Services

Download

8 / 02 / 2024

Dr. A Gupta
A.H Hospital Care Services

Download

The screenshot shows a dark blue footer section. It contains four columns: "Links" (with "Register your appointment" and "Disease control" links), "Emergency Contacts" (with three "Register your appointment" links), "Your socials" (with icons for LinkedIn, Facebook, and Instagram), and "Newsletter" (with a "Your mail" input field and a "SUBSCRIBE" button). There is also a small note about the newsletter: "Subscribe to stay updated with healthcare news and articles."

Mini Project Report



Register here

Name

Contact

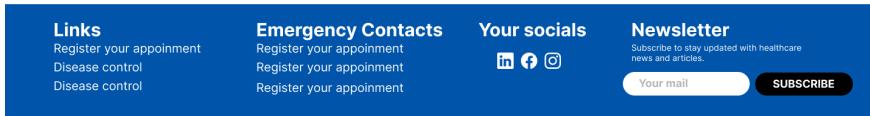
Email

DOB

Username

Password

Registration



Mini Project Report

The screenshot shows a web-based medical report interface. At the top, there is a blue header bar with a logo on the left and navigation links: Health Library, Appointments, Login, and Contact Us. Below the header, a secondary navigation bar includes Personal Info, Reports (which is highlighted in blue), Your Appointments, and Medication/Prescription. The main content area features a large, light-gray rectangular placeholder labeled "Going on". In the bottom right corner of this placeholder, there is a smaller box containing the text: Dr. A Gupta, A.H Hospital Care Services, Undergoing: 12 / 03 / 2025.

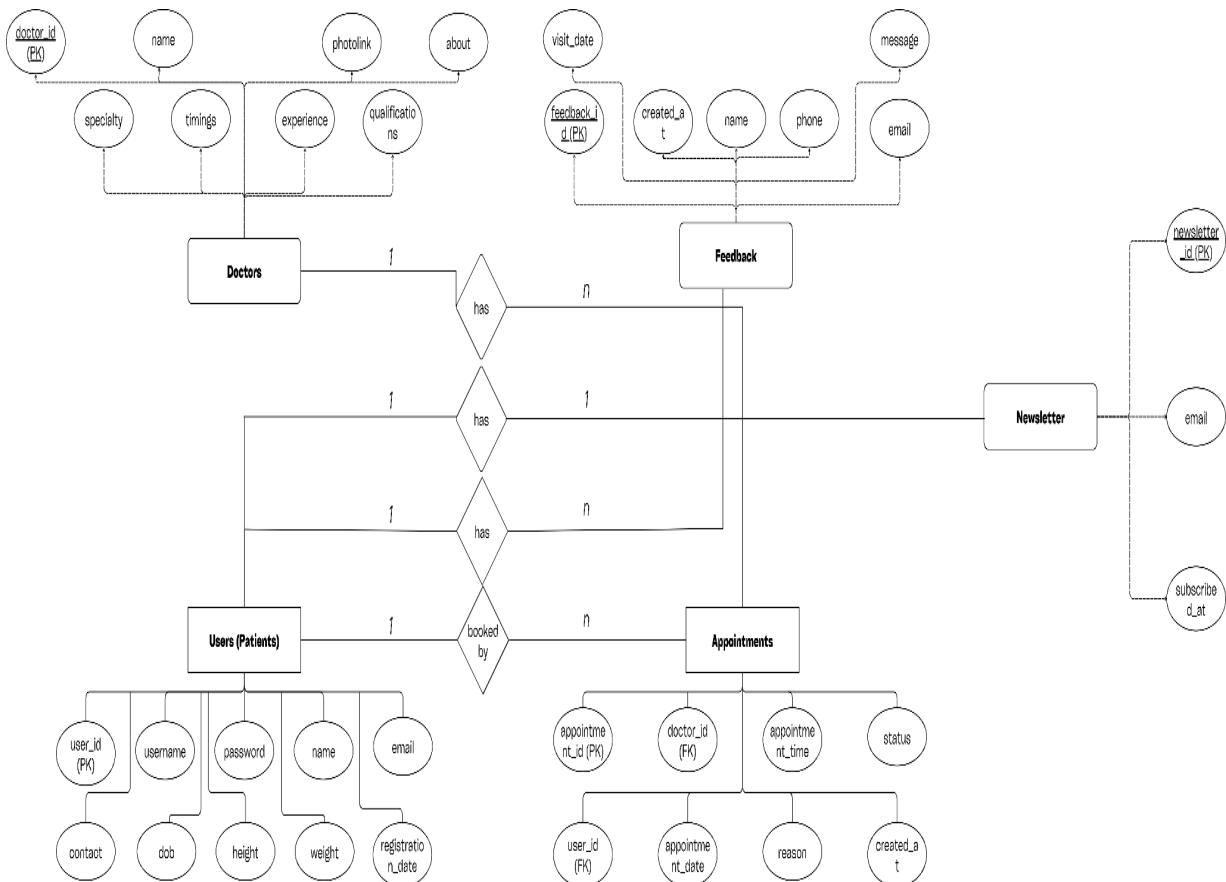
Past Reports

The screenshot shows a section titled "Past Reports" containing four light-gray rectangular placeholders arranged in a 2x2 grid. The top-left placeholder is empty. The top-right placeholder contains the text: Dr. A Gupta, A.H Hospital Care Services, Report: 12 / 03 / 2025. The bottom-left placeholder is empty. The bottom-right placeholder contains the text: Dr. A Gupta, A.H Hospital Care Services, Report: 12 / 03 / 2025.

The screenshot shows a dark blue footer navigation bar. It includes sections for "Links" (with links to Register your appointment and Disease control), "Emergency Contacts" (with links to Register your appointment), "Your socials" (with icons for LinkedIn, Facebook, and Instagram), and "Newsletter" (with a description: "Subscribe to stay updated with healthcare news and articles.", a "Your mail" input field, and a "SUBSCRIBE" button).

Mini Project Report

6. Database Schema



Doctors

doctor_id (PK)	Name	photolink	about	speciality	timings	experience	qualifications
----------------	------	-----------	-------	------------	---------	------------	----------------

Appointments

Appointment_id (PK)	doctor_id (FK)	appointment_time	status	user_id (FK)	appointment_date	reason	created_at
---------------------	----------------	------------------	--------	--------------	------------------	--------	------------

Users

user_id (PK)	contact	username	DOB	height	email	password	weight	name	registration_date
--------------	---------	----------	-----	--------	-------	----------	--------	------	-------------------

Newsletter

newsletter_id (PK)	email	subscribed_at
--------------------	-------	---------------

Feedback

feedback_id (PK)	visit_date	created_at	name	phone	message	email
------------------	------------	------------	------	-------	---------	-------

7. Conclusion

The development of **HealMate** marks a significant step toward bridging the gap between patients and digital healthcare services. Through a clean, user-friendly interface and essential functionalities like appointment booking, health tips, and feedback systems, this project has successfully delivered a **patient-centric healthcare web application**.

While the current version focuses primarily on the **user side**, it lays a strong foundation for future scalability. The design and implementation choices ensure that the system can be extended to support **doctor logins**, **digital medical records**, **chatbot integration**, and **location-based hospital suggestions** in future iterations.

This project not only allowed us to apply core **web development skills** but also helped us understand real-world problem-solving in the healthcare domain. From database planning and UI design to functional implementation and research, HealMate showcases our ability to conceptualize and build a practical solution.

With further enhancements and testing, HealMate has the potential to evolve into a full-scale healthcare management system beneficial to both patients and healthcare professionals.

8. Future Enhancements

Current Scope (User-Centric)

The current version of **HealMate** is designed primarily for **patients and users** seeking a simplified healthcare management solution. The application offers an intuitive and responsive interface for:

- User registration and login
- Doctor appointment booking
- Viewing appointment schedules
- Accessing health tips and wellness guidance
- Providing feedback and suggestions
- Subscribing to a health newsletter

This version is focused on being **user-friendly** and serves as a **foundation** for a more extensive healthcare system. The functionalities implemented are essential and highly useful from the patient's perspective.

Out-of-Scope / Not Yet Implemented

While the current system delivers core functionality, the following features are **planned but not yet integrated**:

- **API Integration** for displaying **nearby hospitals and clinics** based on the user's location.
- **Digital medical history and records access**, such as prescriptions, diagnosis history, and uploaded medical documents.
- **Receipts and billing module** for tracking payments and services availed.
- **Doctor-side login panel** and **separate database handling** for healthcare providers.

To make HealMate a more complete and scalable healthcare platform, the following features are envisioned as **future upgrades**:

8.1 Doctor & Admin Side Access

- Implementation of separate login and dashboard for doctors to manage appointments, view patient feedback, and update availability.
- Admin control panel for managing doctor profiles, reviewing feedback, and sending newsletters.

8.2 Chatbot Integration

- A smart **AI-based chatbot** for:
 - Answering basic health-related FAQs
 - Providing assistance in booking appointments
 - Guiding users about website features

8.3 Location-Based Services

- Integration of **Google Maps API** or similar to show **clinics and hospitals nearby**, along with doctor availability and directions.

8.4 Digital Medical History

- Allow users to upload and view their **previous prescriptions, diagnosis reports, and appointment summaries** securely.

8.5 E-Receipts and Billing

- Generate **digital receipts** for each appointment.
- Add options for **online payment tracking** and viewing transaction history.

8.6 Newsletter Enhancements

- Upon subscription, users will receive a **confirmation email**, similar to promotional subscription mails.
- Regular **monthly or weekly health newsletters** will be sent automatically to subscribers.
- Option to manage email preferences and topics of interest.

GITHUB LINK

https://github.com/shreejaykurhade/WPL_HealthCare_Website