



Mini Project Report
on
HealMate
For the course
Web Programming Laboratory

Submitted by

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Guide

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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.

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Date: 17-4-2025

Place: Mumbai-77

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Acknowledgement

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

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

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. *Img (Tata Img)* 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.

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.

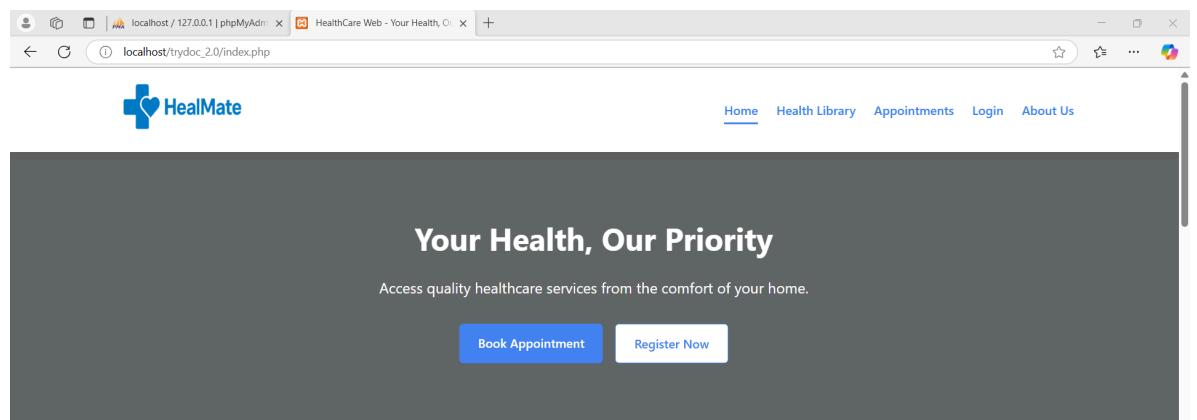
3.3 Educational Objectives (for WPL Project):

- 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.

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

The screenshot shows a web browser window with two tabs open: 'localhost / 127.0.0.1 | phpMyAdmin' and 'HealthCare Web - Your Health, On'. The main content area displays the 'HealMate' website. At the top, there is a navigation bar with links for Home, Health Library, Appointments, Login, and About Us. Below the navigation is a dark header section with the text 'Ready to prioritize your health?' and a subtext 'Join thousands of patients who trust us with their healthcare needs.' A blue 'Get Started Today' button is centered below the subtext. In the footer, there are three columns: 'Quick Links' (About Us, Medical Articles, Book Appointment), 'Contact' (Email: support@healmateweb.com, Phone: +123 456 7890, Location: Multiple Hospital Locations), and 'Newsletter' (a form to subscribe with a 'Subscribe' button). The newsletter form has a placeholder 'Your mail' and a 'Subscribe' button.

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

This screenshot is identical to the one above, showing the HealMate website homepage. The main content, footer sections, and newsletter subscription form are all present. The difference is that in the newsletter form's input field, the email address 'sk@mail.com' is now visible, indicating it has been entered and subscribed to the newsletter.

This screenshot shows a "Newsletter Subscription" page from a web application. 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 message: "This email is already subscribed to our newsletter. Stay tuned for the latest updates on health tips and services." A blue "Go Back" button is located at the bottom of this box. The footer contains three sections: "Quick Links" with links to About Us, FAQ, and Feedback; "Contact" information including email support@healthcareweb.com, phone +123 456 7890, and location Multiple Hospital Locations; and a "Newsletter" section where users can subscribe by entering their email and clicking a "Subscribe" button.

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 application. It features a dark header with the "HealMate" logo and navigation links for Home, Health Library, Appointments, Login, and About Us. The main content area has a dark background with the text "Your Health, Our Priority" and a subtitle "Access quality healthcare services from the comfort of your home." Below this, there are two blue buttons: "Book Appointment" and "Register Now".

Book Appointment redirects to Appointment

Register Now redirects to registration page

The screenshot shows the HealMate website's "Our Services" section. At the top, there is a navigation bar with links for Home, Health Library, Appointments, Login, and About Us. The "Home" link is underlined. Below the navigation, the title "Our Services" is centered. Three service cards are displayed in a grid:

- 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

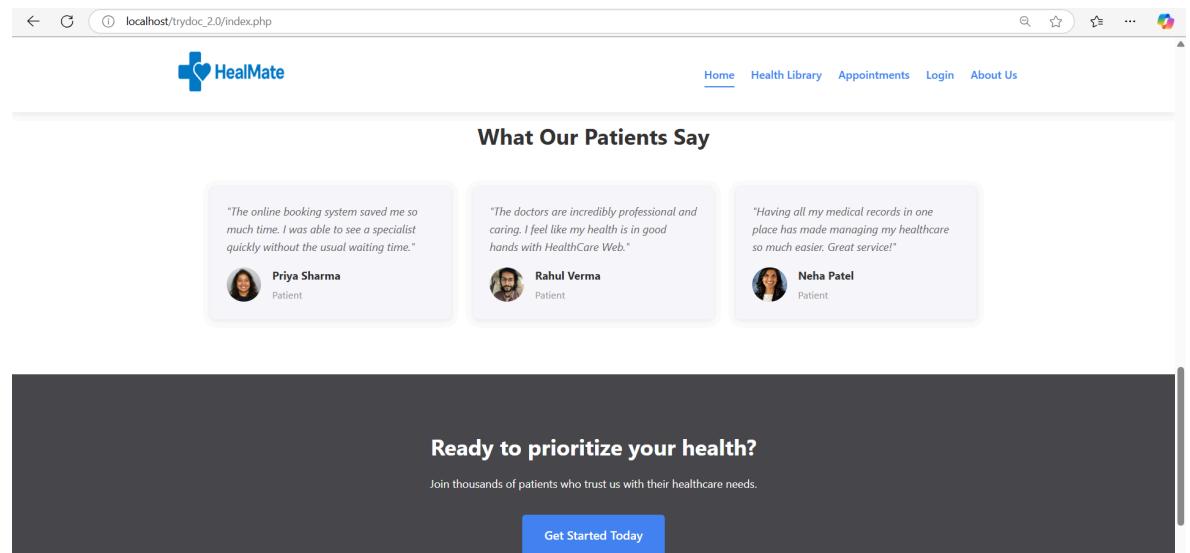
Medical Articles redirects to Health Library

The screenshot shows the HealMate website's "Meet Our Specialists" section. At the top, there is a navigation bar with links for Home, Health Library, Appointments, Login, and About Us. The "Home" link is underlined. Below the navigation, the title "Meet Our Specialists" is centered. Four doctor profiles are displayed in a row:

Dr. A Sharma	Dr. B Mehta	Dr. C Patel	Dr. D Gupta
Cardiologist	Pediatrician	Orthopaedic	Neurologist
Book	Book	Book	Book

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

This is a shortcut again to booking appointments of doctors



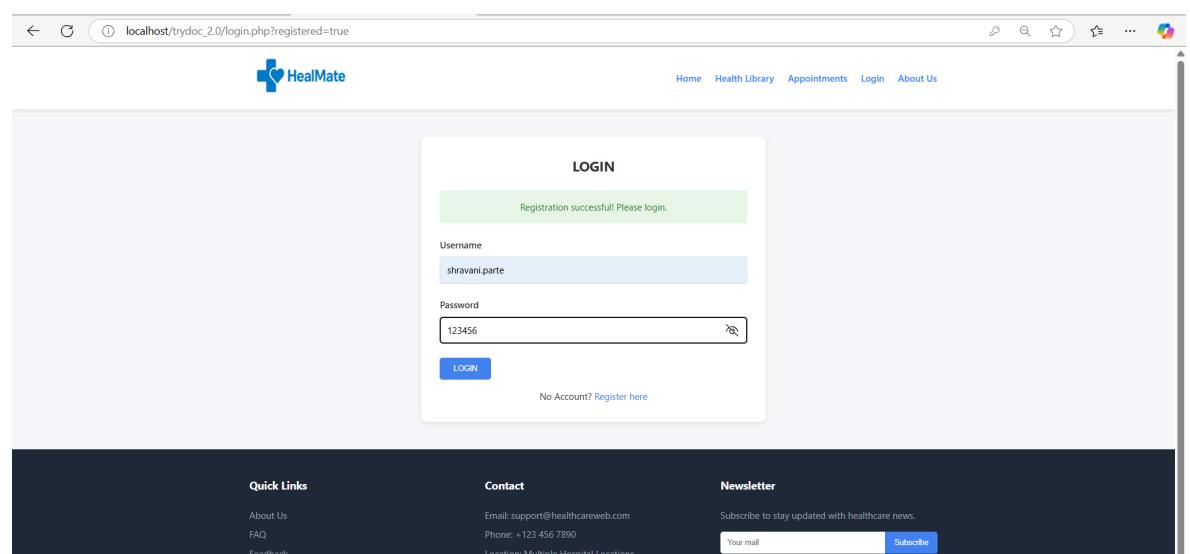
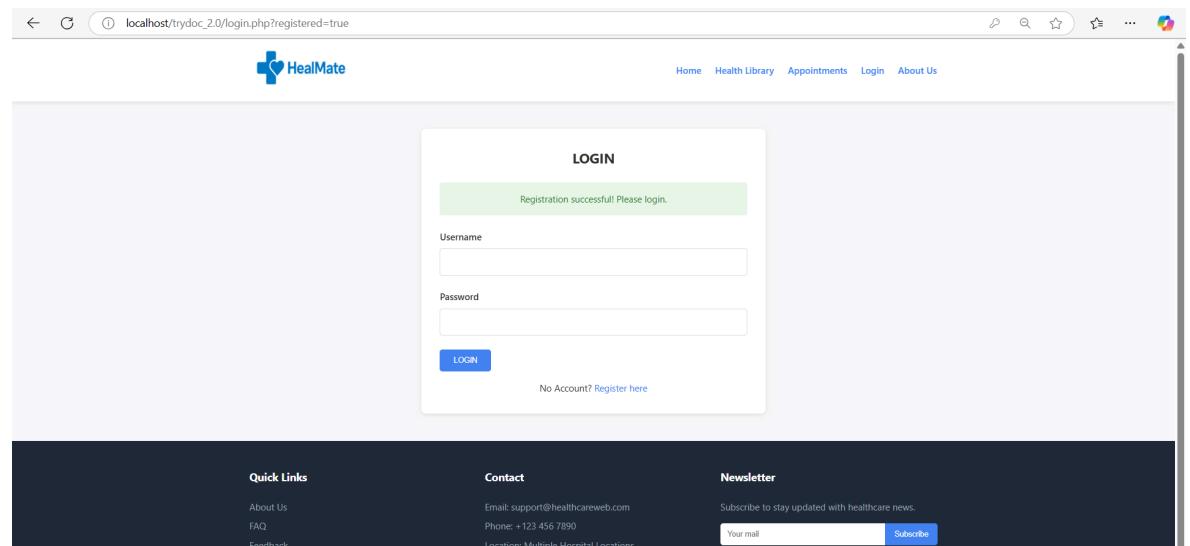
'Get Started Today' redirects to registration page

4. Registration

A screenshot of the HealMate website at localhost/trydoc_2.0/register.php. The page title is "Register here". It contains fields for Name (Shravani Sanjay Parte), Contact (9321604690), Email (shravani.parte@somaiya.edu), DOB (08/27/2004), Username (shravani.parte), and Password (represented by five dots). A blue "Registration" button is at the bottom. Below the form, a link says "Already have an account? [Login here](#)". The top navigation bar is identical to the homepage.

on clicking 'Register' button

5. Login



On clicking 'Login' button

6. My Dashboard

Welcome, Shravani Sanjay Parte!

Profile updated successfully!

My Profile

Name

Shravani Sanjay Parte

Email

shravani.parte@somaiya.edu

Contact

9321604690

Date of Birth

08/27/2004

My Appointments

You don't have any appointments yet.

[Book New Appointment](#)

Height (cm)

167.64

Weight (kg)

75

[Update Profile](#)

Danger Zone

Welcome, Shravani Sanjay Parte!

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](#)

Danger Zone

[Delete Account](#)

on updating profile

<input type="checkbox"/>	Edit	Copy	Delete	6	shrav_p	\$2y\$10\$TV2WxkobidL6efxCnQwZweNw7Mw.xTPn8BgyxFCqmfl...	SPPP	nn@mail.com	78995216	2025-04-05	1244	24	2025-04-12 22:54:06
<input type="checkbox"/>	Edit	Copy	Delete	8	shravani.parte	\$2y\$10\$NWeADHYZ6hCGktzmQruQkY5fZqJ2PDutwVb5LsWn...	Shravani Sanjay Parte	shravani.parte@somaiya.edu	9321604690	2004-08-27	167.64	75	2025-04-17 00:12:08

on clicking on Book Appointment

7. Appointment

Doctors Directory

Filter by Specialty: [All](#)**Dr. A Sharma**

Specialty: Cardiologist
Timings: 9 AM - 2 PM
Experience: 15 years
Qualifications: MD, DM Cardiology

[Book Appointment](#)**Dr. B Mehta**

Specialty: Pediatrician
Timings: 10 AM - 4 PM
Experience: 10 years
Qualifications: MBBS, MD Pediatrics

[Book Appointment](#)**Dr. C Patel**

Specialty: Orthopaedic
Timings: 8 AM - 1 PM
Experience: 20 years
Qualifications: MS Orthopaedics

[Book Appointment](#)**Dr. D Gupta**

Specialty: Neurologist
Timings: 11 AM - 5 PM

**Dr. E Verma**

Specialty: Dermatologist
Timings: 9 AM - 3 PM

**Dr. F Rao**

Specialty: Ophthalmologist
Timings: 10 AM - 2 PM

on clicking book appointment of say Dr. B Mehta

if timings out of doctors timings

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

12:19 AM



Please

 Value must be 10:00 AM or later.

:00 PM

Reason for Visit

wrong slot time here

Book Appointment

Back to Doctors

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



Welcome, Shravani Sanjay Parte!

My Profile

Name

Email

Contact

Date of Birth



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

[Book New Appointment](#)

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

04/17/2025



Preferred Time

03:21 PM



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](#)

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

Welcome, Shravani Sanjay Parte!

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	15:19:00	Confirmed	Cancel
Dr. B Mehta	Pediatrician	2025-04-17	14:36:00	Confirmed	Cancel

[Book New Appointment](#)

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](#)

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.

Welcome, Shravani Sanjay Parte!

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](#)

Cancel appointment by clicking on ‘cancel’

The screenshot shows a web application interface for managing a medical profile and appointments. At the top, there is a navigation bar with a logo for "HealMate" and links for "Dashboard", "Logout", and "About Us". A modal dialog box is displayed in the center, asking "Are you sure you want to cancel this appointment?" with "OK" and "Cancel" buttons.

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

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

Welcome, Shravani Sanjay Parte!

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	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](#)

<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 20:09:48
<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

Doctors Directory

Filter by Specialty: [All](#)

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

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

 HealMate

Doctors Directory

Filter by Specialty: Pediatrician ▾



Dr. B Mehta

Specialty: Pediatrician
Timings: 10 AM - 4 PM
Experience: 10 years
Qualifications: MBBS, MD Pediatrics

[Book Appointment](#)



Dr. K Joshi

Specialty: Pediatrician
Timings: 9 AM - 1 PM
Experience: 8 years
Qualifications: MD Pediatrics, DCH

[Book Appointment](#)



Dr. L Desai

Specialty: Pediatrician
Timings: 2 PM - 6 PM
Experience: 16 years
Qualifications: MBBS, MD Pediatrics

[Book Appointment](#)

Quick Links

[About Us](#)
[Medical Articles](#)
[Book Appointment](#)

Contact

Email: support@healmateweb.com
Phone: +123 456 7890
Location: Multiple Hospital Locations

Newsletter

Subscribe to stay updated with healthcare news.

Your mail

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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, 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' section with a 'Delete Account' link. The 'My Appointments' section lists three entries for Dr. B Mehta, all of which are Cancelled. A 'Book New Appointment' button is located at the bottom of this section.

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

back to landing page



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.

9. Delete Account

Welcome, Shravani Sanjay Parte!

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

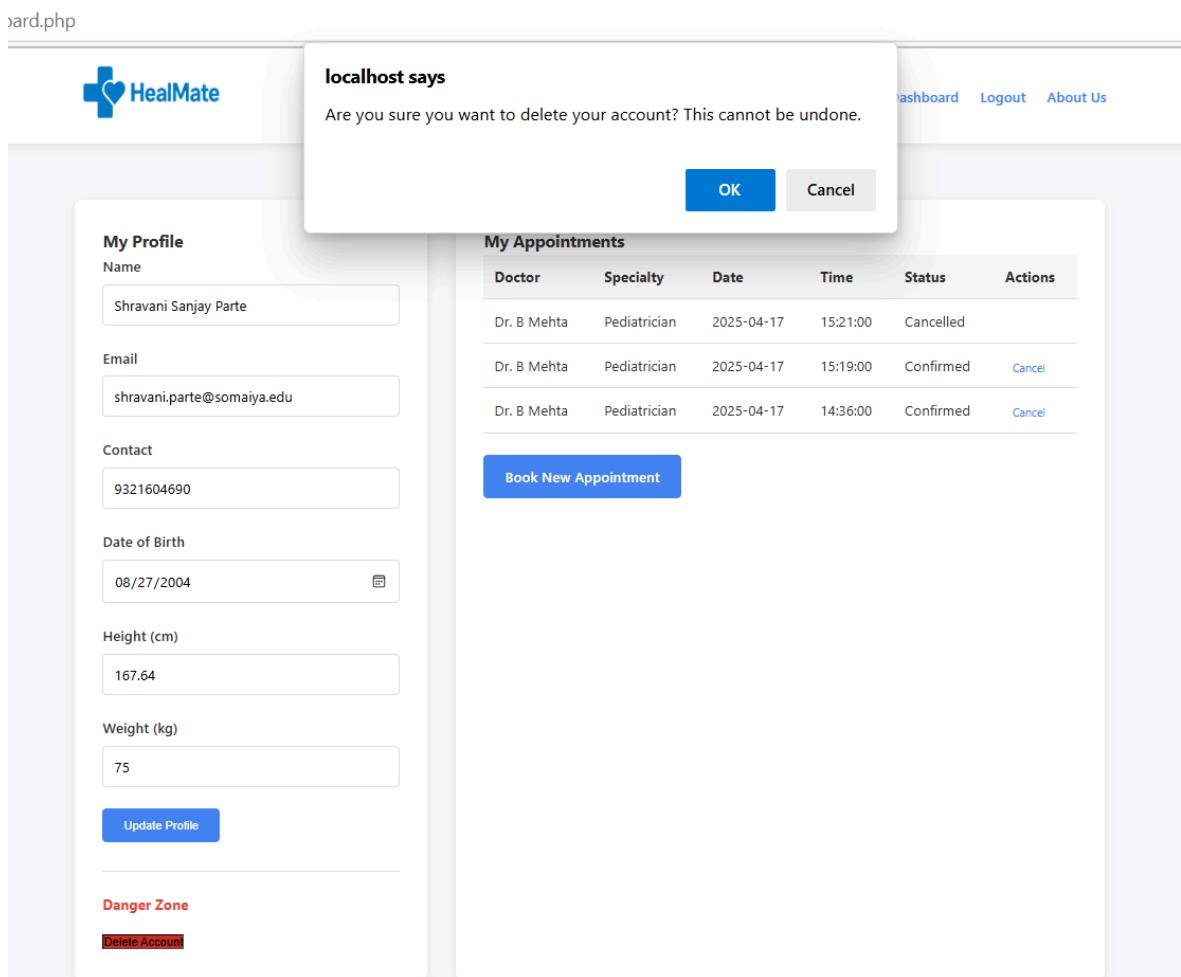
Danger Zone

[Delete Account](#)

My Appointments

Doctor	Specialty	Date	Time	Status	Actions
Dr. B Mehta	Pediatrician	2025-04-17	15:21:00	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



user got deleted

	id	username	password	name	email	contact	dob	height	weight	registration_date
<input type="checkbox"/>	6	shraw_p	\$2y\$10\$TV2WxobidLl6efxCnQwZweWw7Mw.xTPn8BgxnFCqmf1...	SPPP	nn@mail.com	78995216	2025-04-05	1244	24	2025-04-12 22:54:06
<input type="checkbox"/>	Check all		With selected:	<input type="checkbox"/> Edit	<input type="checkbox"/> Copy	<input type="checkbox"/> Delete	<input type="checkbox"/> Export			

10. Health Library

The screenshot shows a web browser window with the URL localhost/trydoc_2.0/articles.php. The page is titled "HealMate" with a logo featuring a blue cross and heart. The navigation bar includes links for Home, Health Library, Appointments, Login, and About Us. Below the navigation is a section titled "Featured Health Topics" with three items:

- How Sleep Affects Your Mental Health** (Apr 10, 2025) - An image of a woman sleeping. Tagged under Sleep Health. A "Read Article" button is present.
- Moderate Exercise: Benefits Beyond Physical Health** (Apr 8, 2025) - An image of children running in a field. Tagged under Fitness. A "Read Article" button is present.
- The Science of Balanced Nutrition** (Apr 5, 2025) - An image of a plate filled with various fruits and vegetables. Tagged under Nutrition. A "Read Article" button is present.

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

The screenshot shows a grid of 12 health articles under the heading "Latest Health Articles". The articles are arranged in two rows of six. Each article has a thumbnail image, a publication date, a title, a brief description, and a "Read Article" button. The categories represented include Nutrition, Mental Health, Fitness, Prevention, and Women's Health.

Thumbnail	Date	Title	Description	Action
	Apr 12, 2025	Rujuta Diwekar's Diet Plan: Healthy Eating, Happy Living	Learn how to create balanced meals that fuel your body and the nutrients your body needs. This comprehensive guide explains portion...	Read Article
	Apr 11, 2025	Effective Strategies for Managing Stress	Chronic stress can have serious effects on both physical and mental health. Discover evidence-based techniques to reduce stress...	Read Article
	Apr 10, 2025	Effective Home Workouts Without Equipment	You don't need a gym membership or expensive equipment to stay fit. This guide provides a complete workout routine using...	Read Article
	Apr 9, 2025	Sun Safety: Protecting Your Skin	Skin cancer is one of the most common types of cancer, and it can be one of the most preventable. Learn how to protect your skin...	Read Article
	Apr 7, 2025	Understanding Hormonal Health for Women	Hormones play a crucial role in women's health throughout different life stages. This comprehensive guide explains hormonal...	Read Article
	Apr 6, 2025	The Benefits of Plant-Based Eating	Eating a diet rich in plant foods may help prevent chronic diseases. Learn about the health benefits of plant-based...	Read Article
	Apr 4, 2025	Staying Active as You Age: A Guide for Seniors	Regular physical activity becomes even more important as we age. Learn about exercises specifically designed for older adults...	Read Article
	Apr 3, 2025	Heart Health: Prevention Strategies	Cardiovascular disease remains a leading cause of death worldwide. Learn evidence-based approaches to keeping your heart...	Read Article
	Apr 2, 2025	Yoga Benefits for Physical and Mental Wellbeing	More than just stretching, yoga combines physical exercise, breathing exercises, and meditation. Discover how this ancient...	Read Article
	Apr 1, 2025	Hydration: How Much Water Do You Really Need?	Water is essential for nearly every bodily function. But what's the right amount? Learn about the science of optimal intake. This article explores the science of...	Read Article
	Apr 5, 2025	The Science Behind Meditation Benefits	Scientific research is increasingly validating the health benefits of meditation for mental and physical health. Discover what science says...	Read Article
	Apr 5, 2025	Preventing Type 2 Diabetes: Latest Guidelines	Type 2 diabetes is largely preventable with healthy habits and lifestyle changes. This article covers the latest research and recommendations for...	Read Article

You can also filter the articles by topics

All Categories Nutrition Mental Health Fitness Prevention Women's Health

Latest Health Articles



Apr 12, 2025 Nutrition

Rujuta Diwekar's Diet Plan: Healthy Eating, Happy Living

Learn how to create balanced meals that provide all the nutrients your body needs. This comprehensive guide explains portion...

[Read Article](#)



Apr 7, 2025 Nutrition

The Benefits of Plant-Based Eating

Research shows that diets rich in plant foods may help prevent chronic diseases. Learn about the health benefits of plant-based...

[Read Article](#)



Apr 1, 2025 Nutrition

Hydration: How Much Water Do You Really Need?

Water is essential for nearly every bodily function, but confusion exists about optimal intake. This article explores the science of...

[Read Article](#)

[Quick Links](#) [Contact](#) [Newsletter](#)

11. About Us

 [HealMate](#)

Home Health Library Appointments Login About Us

About HealMate Web

Providing Quality Healthcare Solutions Since 2010



Our Mission

At HealMate Web, our mission is to provide accessible, high-quality healthcare services to all patients in a comfortable and caring environment. We strive to improve the health of our community through innovative medical practices, education, and compassionate care.

Our History

Founded in 2010, HealMate Web began as a small clinic with just five physicians. Over the years, we have grown into a comprehensive healthcare network with multiple specialties and state-of-the-art facilities. Throughout our growth, we have maintained our commitment to personalized care and patient satisfaction.

Our Approach

We believe in a patient-centered approach to healthcare. This means listening to our patients, involving them in decision-making, and developing treatment plans tailored to their unique needs. Our team of healthcare professionals works collaboratively to ensure comprehensive care for every patient.

Our Values

- **Excellence:** We strive for excellence in all aspects of our service.
- **Compassion:** We treat every patient with kindness and respect.
- **Innovation:** We embrace new technologies and approaches to improve patient care.
- **Integrity:** We maintain the highest ethical standards in all our practices.
- **Teamwork:** We work together to achieve the best outcomes for our patients.



Our Leadership Team



Dr. Sarah Smith
Chief Medical Officer



Dr. Raj Patel
Director of Healthcare Services



Ms. Emily Johnson
Chief Operations Officer

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

Feedback Submission

Thank you for your feedback!

We appreciate your input and will use it to improve our services.

[Return to Home](#)

Quick Links

About Us
FAQ
Feedback

Contact

Email: support@healthcareweb.com
Phone: +123 456 7890
Location: Multiple Hospital Locations

Newsletter

Subscribe to stay updated with healthcare news.

© 2025 HealthCare Web. All rights reserved.

			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@smail.com	2025-04-01	123456789	Nice experience	2025-04-17 00:39:47

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

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

Submit



The screenshot shows a mobile application interface for managing appointments. At the top, there's 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" (which is highlighted in blue), and "Medication/ Prescription". The main content area has a title "Confirmed" above a large gray rectangular placeholder. Below this placeholder is a smaller box containing the text: "Dr. A Gupta", "A.H Hospital Care Services", and "Undergoing: 12 / 03 / 2025".

Unallotted

This part of the screenshot shows two separate gray rectangular placeholders, each representing an unallotted appointment slot. Each slot contains the same information: "Dr. A Gupta", "A.H Hospital Care Services", and "Undergoing: 12 / 03 / 2025".

The footer of the application includes several links: "Links" (with "Register your appointment" and "Disease control" options), "Emergency Contacts" (with "Register your appointment" options), "Your socials" (with icons for LinkedIn, Facebook, and Instagram), and "Newsletter" (with a "Subscribe" button and a "Your mail" input field). There is also a small note: "Subscribe to stay updated with healthcare news and articles."

 [Health Library](#) [Appointments](#) [Login](#) [Contact Us](#)

[Personal Info](#) [Reports](#) [Your Appointments](#) [Medication/ Prescription](#)

Name

Age

Contact

DOB

Email

Medical Data

Blood Type

Height

Allergy

Weight

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

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



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

Links

Register your appointment
Disease control
Disease control

Dr. F Rao

Emergency Contacts
Register your appointment
Register your appointment
Register your appointment

Dr. G Das

Your socials



Newsletter

Subscribe to stay updated with healthcare news and articles.

Your mail

SUBSCRIBE



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

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



EVAN WHITE

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



OLIVIA COLE

Lore 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](#) [c](#)

Newsletter
Subscribe to stay updated with healthcare news and articles.



Health Library Appointments Login Contact Us

Personal Info Reports Your Appointments Medication/ Prescription

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

Links

Register your appointment
Disease control
Disease control

Emergency Contacts

Register your appointment
Register your appointment
Register your appointment

Your socials

Newsletter

Subscribe to stay updated with healthcare news and articles.

Your mail SUBSCRIBE



Register here

Name

Contact

Email

DOB

Username

Password

Registration

Links

[Register your appointment](#)
[Disease control](#)
[Disease control](#)

Emergency Contacts

[Register your appointment](#)
[Register your appointment](#)
[Register your appointment](#)

Your socials



Newsletter

Subscribe to stay updated with healthcare news and articles.

Your mail

SUBSCRIBE



Health Library Appointments Login Contact Us

Personal Info Reports Your Appointments Medication/ Prescription

Going on

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

Past Reports

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

Dr. A Gupta
A.H Hospital Care Services
Report: 12 / 03 / 2022

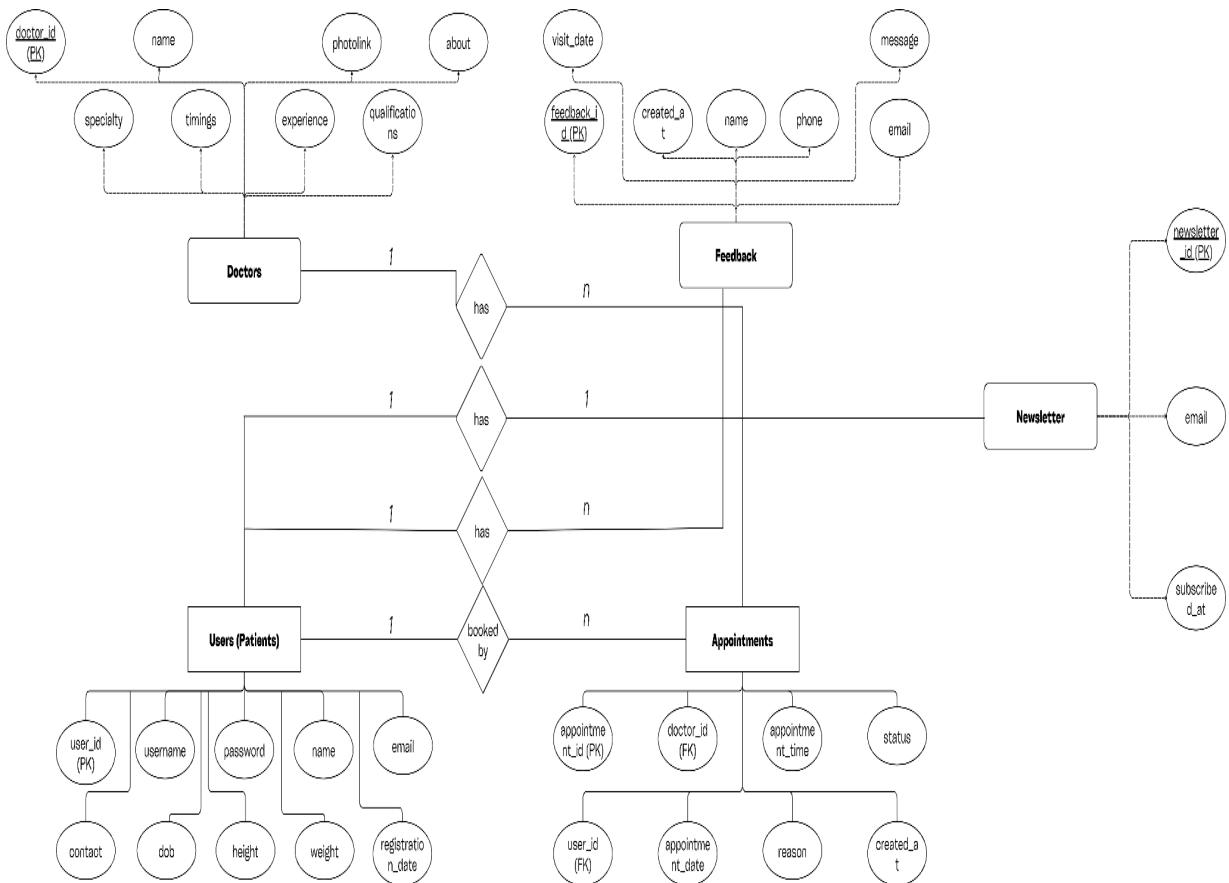
Links
[Register your appointment](#)
[Disease control](#)
[Disease control](#)

Emergency Contacts
[Register your appointment](#)
[Register your appointment](#)
[Register your appointment](#)

Your socials

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

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

References:

- [1] Sharma, R., & Singh, K. (2021). *Web-Based Healthcare Management Systems: A Review*. *International Journal of Health Tech*, 8(4), 134-141.
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- [3] Kumar, A., & Verma, S. (2019). *Analysis of E-Health Portals in India*.