



Health Care

GRADUATION PROJECT (DEPI)

Round 3 -2025

Team Member

https://github.com/Rawanbahaa142/SMART_Health_Care-DEPI-.git

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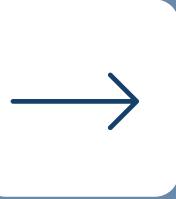
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Your Health, Our Priority

Our Health Care platform simplifies the entire appointment-booking experience by bringing doctors, specialties, and schedules into one easy-to-use system. Patients can quickly search for doctors, view available time slots, and book appointments online, while doctors and admins manage everything through organized dashboards. This project aims to transform traditional healthcare booking into a faster, smarter, and more accessible digital solution.





To create a smart, fast, and accessible healthcare platform that connects patients with doctors across different specialties, enabling seamless appointment booking and improving the overall patient experience.

Vision & Mission

To make it easier for users to find doctors, view available schedules, and book appointments through a simple and secure online platform, while digitalizing the healthcare booking process and offering organized dashboards for patients, doctors, and admins.

Business Goals



Next Page

1. Provide a centralized online platform that gathers doctors from multiple specialties in one place.
2. Improve patient access to healthcare services by offering an easy appointment-booking experience.
3. Reduce clinic overcrowding by organizing booking times and minimizing waiting.
4. Enhance communication between doctors and patients through structured appointment management.
5. Offer a scalable solution that can expand to support more doctors, clinics, or even hospitals in the future.
6. Establish a trusted digital brand that users can rely on to find verified doctors and accurate schedules.

User Goal



Doctor Goal



- **Create and manage their professional profiles**
- **Add available date and time slots**
- **View all upcoming and previous appointments**
- **Manage and organize patient bookings**
- **Track performance and patient interactions**



Patient Goal

- **Find doctors easily across multiple specialties**
- **Search and filter doctors by specialty, city, price, or rating**
- **View detailed doctor profiles (experience, availability, clinic info)**
- **Book appointments quickly with clear time slots**
- **Manage upcoming and past appointments from their dashboard**
- **Access health articles and awareness tips**

Admin Goal



- Manage all users (patients and doctors)
- Approve and verify doctor accounts
- Add, edit, or remove specialties
- Monitor system activities and reported issues
- Ensure platform performance and data accuracy

System Functional

Authentication & Roles

- Signup/Login for patients and doctors
- Admin full access control
- Role-based permissions

Doctor Management

- Create and update doctor profiles
- Assign specialties
- Show doctor details (bio, experience, fees)

System Functional

Appointments System

- View available time slots
- Book, edit, or cancel appointments
- Prevent double-booking
- Confirmation notifications

Dashboards

- Patient: appointments & profile
- Doctor: schedule & availability
- Admin: users, doctors, specialties, stats

UI/UX

The screenshot shows the homepage of the Hospa Medical Centre website. At the top, there's a navigation bar with links for Online Services, Pay Your Bills, Health Professionals, Contact Us, News, and Donate. Below the navigation is a secondary navigation bar with Home, Patients & Visitors, Areas of Care, About Us, Education & Research, Careers & Volunteers, Pages, a search icon, and an Emergency button. The main content area features a large banner with three healthcare professionals (two men and one woman) smiling. To the left of the banner, the text "Transforming Lives, Restoring Your Health" is displayed. Below this, a sub-section titled "FIND A LOCATION NEARBY" encourages users to find nearby locations. A "Learn More" button is located at the bottom left of the main content area.

This screenshot shows a detailed view of the Hospa Medical Centre website. It includes the same top navigation bar and secondary navigation bar as the homepage. The main content area features a large image of a medical office with a potted plant in the foreground. To the right of the image is a green box containing the text "AVERAGE GOOGLE RATINGS" and a star rating of "4.9". Below the image is a testimonial from a user named ee, which reads: "I had a great experience at this healthcare clinic. I was seen quickly, and the doctor was able to diagnose and treat my condition very patiently." The testimonial is attributed to Walter White, Head of Cardiology Department. At the bottom right of the page is a box stating "HIPAA COMPLIANT" and "Hospa provides award-winning quality care" with a "Learn More" button. A small blue arrow icon is located in the bottom right corner of the page.

User Profile UI/UX

HealthCare
Your Health, Our Priority

Welcome back, John! 

Ready to take care of your health today?

[Find a Doctor](#) [My Appointments](#)

 4 Appointments This Month

 12 Completed Visits

 85% Health Score

 Active Insurance Status

Upcoming Appointments

View All →

DSJ Dr. Sarah Johnson Cardiology Today at 2:30 PM confirmed

DMC Dr. Michael Chen General Medicine Tomorrow at 10:00 AM pending

[Book New Appointment](#)

Quick Actions

[Find Specialists](#) [Update Profile](#) [View Notifications](#)

Daily Health Tip

Stay hydrated! Drinking adequate water helps maintain body temperature, joint lubrication, and nutrient transportation.

 Wellness Tip

Emergency Contact

[Call Emergency Services](#)

24/7 Emergency Hotline: 911

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Doctors

Find Your Doctor

Choose from our network of qualified healthcare professionals

Search doctors, specialties, or conditions...

Medical Specialties

 Cardiology 12 doctors

 Neurology 8 doctors

 Ophthalmology 6 doctors

 General Medicine 15 doctors

 Pediatrics 10 doctors

 Orthopedics 7 doctors

 Dermatology 5 doctors

 Emergency 20 doctors

Showing Neurology specialists

Available Doctors (1)

 Dr. Michael Chen **Neurology** Tomorrow

4.8 (94 reviews) 12 years
Neurological Institute
Expert in treating neurological disorders and brain conditions.

[View Profile](#) [Book Now](#)

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User Profile UI/UX

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[Dashboard](#) [Profile](#) [Doctors](#) [Appointments](#) [Notifications](#) [Payment](#)

My Appointments

Manage your upcoming and past appointments

[Upcoming \(3\)](#) [Past \(3\)](#)

DSJ Dr. Sarah Johnson
Cardiology
Today 2:30 PM
City Medical Center Follow-up Visit
Notes: Regular checkup after medication change
[Call](#) [Reschedule](#) [View Doctor](#)

DMC Dr. Michael Chen
Neurology
Tomorrow 10:00 AM
Neurological Institute Consultation
Notes: Initial consultation for headaches
[Call](#) [Reschedule](#) [View Doctor](#)

DER Dr. Emily Rodriguez
Pediatrics
Friday, Nov 15 3:00 PM
Children's Hospital Routine Checkup
Notes: Annual physical examination
[Call](#) [Reschedule](#) [View Doctor](#)

Upcoming 3 **Completed** 2 **Cancelled** 1 **Pending** 1

[Book New Appointment](#)

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Payment Center

Manage your medical payments and billing

[+ Add Payment Method](#)

\$ **\$250** Pending Payments **\$** **\$350** Paid This Year **2** Payment Methods

[Pending \(2\)](#) [History \(3\)](#)

Dr. Sarah Johnson
Cardiology Consultation
Service Date: Nov 15, 2024 Due: Nov 20, 2024
[Pay Now](#) [Download Invoice](#)

Dr. Michael Chen
Follow-up Visit
Service Date: Nov 10, 2024 Due: Nov 15, 2024
[Pay Now](#) [Download Invoice](#)

Payment Methods

Visa ****4242 Expires 12/25 **Default**
Mastercard ****8888 Expires 08/26

[+ Add New Card](#)

Quick Payment

Amount
Description
[Make Payment](#)

Secure Payments
All payments are encrypted and processed securely.
We never store your full card details.

Insurance Coverage

Provider: HealthCare Plus
Policy Number: HC123456789
Coverage: Active
[View Coverage Details](#)

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Implementation Section

1 - User Dashboard

2 - Doctor Dashboard

3 - Admin Dashboard

1 - User Dashboard

- Book and manage appointments
- View upcoming and past bookings
- Update personal profile
- Simple, user-centered UI
- Implements API calls: create, view, update appointments



2 - Doctor Dashboard

- View all assigned appointments
- Filter by date
- Accept / decline appointments
- Add notes for patient visits



3 - Admin Dashboard

- Manage users and doctors
- Monitor all system appointments
- Handle approvals and system configurations
- Generate basic reports
- Highest-level permissions

