

## **22AIE457 - FULL STACK**

# **ONLINE HEALTH CONSULTING WEBSITE**

### TEAM MEMBERS:

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### **ABSTRACT**

This project presents a web-based medical portal designed to improve accessibility and streamline interactions between patients, doctors, and administrators. The platform provides a centralized system where users can perform essential medical-related activities through a user-friendly interface. The website is role-based and consists of three primary user types: Patients, Doctors, and Admins. Patients can register and log in to the platform to view doctor availability, book appointments, access consultation details, and receive medical advice. Doctors can log in to view scheduled appointments, update their availability, and provide consultation summaries. Admins have full control over the system, they can manage users (doctors and patients), monitor appointments, and oversee platform usage.

The home page provides a centralized entry point to the platform, featuring information about the hospital, its services, and links to various modules. The “*About*” section outlines the mission, values, and specialties of the hospital. Users can explore the different hospital locations and the departments available, such as cardiology, dermatology, pediatrics, and general medicine. A key feature is the “*Find a Doctor*” module, which allows patients to search for doctors based on department, availability, and hospital location. Once a suitable doctor is identified, users can proceed to book an appointment online.

The platform also includes a chatbot interface focused on lifestyle diseases. The chatbot answers basic queries related to symptoms, prevention, and when to consult a doctor, making healthcare information more accessible to users.

By integrating hospital details, appointment management, departmental information, and support features into a single web application, the system provides a modern solution to healthcare accessibility. It simplifies the patient journey from inquiry to consultation and enhances hospital efficiency through role-based access and automation.

### Member Contributions:

Gayathri – designing and developing the Login Page, Registration Page, About Page, and the Home Page (Index) using HTML, CSS, and JavaScript.(foundation for the user interface and smooth navigation and access across the platform.)

Pooja – implemented the Appointment Booking system, the Contact Page, and created the layout and content for the Various Departments section using HTML, CSS, and JavaScript. (working through the appointment processes.)

Parvathy – developed the Doctors' Details module, the Frequently Asked Questions (FAQ) section, and the Admin View interface using HTML, CSS, and JavaScript.(backend management features.)

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