

# HealthEase – Medical Appointment System

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## Project Documentation

Team :

**Team Leader :** Idamakanti Niharika

**Team member :** Devarapalli Uday Chand

**Team member :** Galidevara Shanmuka

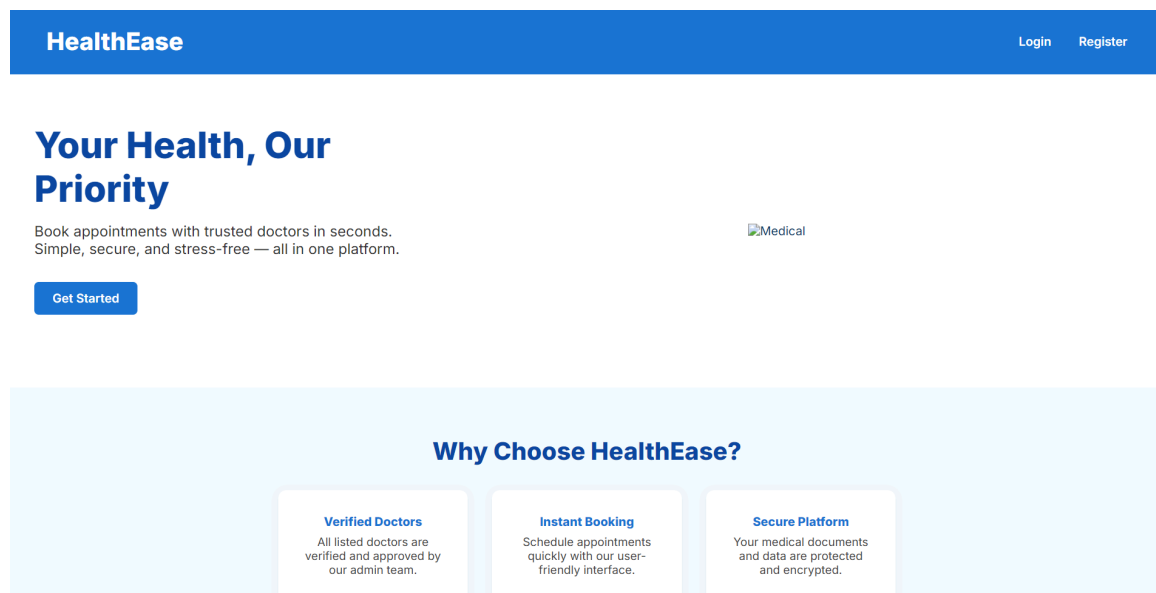
**Team member :** G Harsha Vardhan

**Institution:** Vishnu Institute of Technology

# Introduction

HealthEase is a web-based application built to simplify and digitize the process of booking medical appointments. It serves three primary user roles: Customers (Patients), Doctors, and Admins.

Customers can book appointments, Doctors manage them, and Admins control approval and monitoring. The frontend system was designed using HTML, CSS, JavaScript, and React.js with responsive mobile support.



## Objective

- Building a responsive and intuitive frontend interface
- Ensuring smooth navigation and user experience
- Designing mobile-friendly layouts
- Validating user input effectively
- Preparing for backend integration
- Delivering a visually consistent and professional UI

## Technologies Used

- HTML5
- CSS3
- JavaScript (ES6)
- React.js
- Visual Studio Code
- Git & GitHub
- Live Server Extension

# Pages & Components

- index.html – Home Page
- login.html – Role-based login
- register.html – Registration page
- user-dashboard.html – Customer dashboard
- doctor-dashboard.html – Doctor dashboard
- admin-dashboard.html – Admin panel
- book-appointment.html – Booking form
- booking-history.html – Booking status view

**Doctor Panel**  
  
Home  
Appointments  
Logout

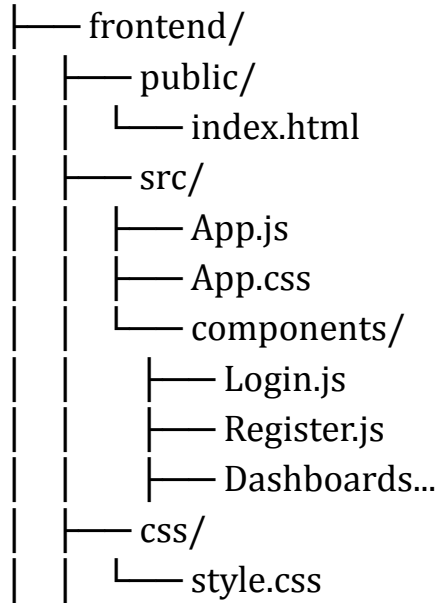
Welcome, Dr. Meena

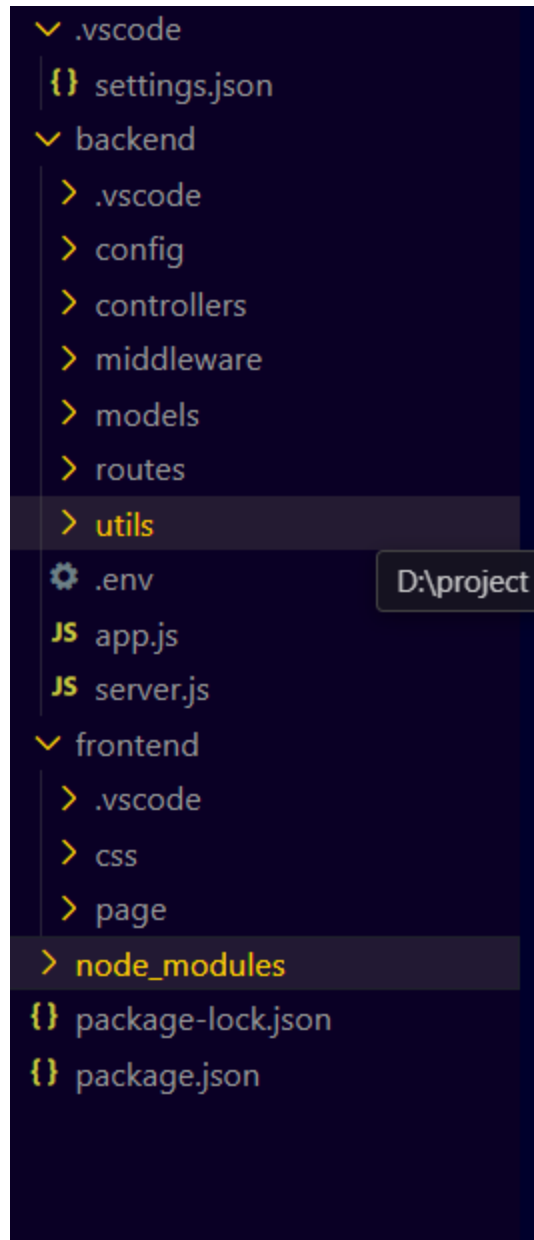
Patient Appointments

Patient Name	Email	Date	Reason	Actions
Ravi Kumar	ravi@gmail.com	2025-06-23	Fever & Checkup	<button>Approve</button> <button>Reject</button>
Sneha Patel	sneha@mail.com	2025-06-25	Skin Allergy	<button>Approve</button> <button>Reject</button>

# Folder Structure

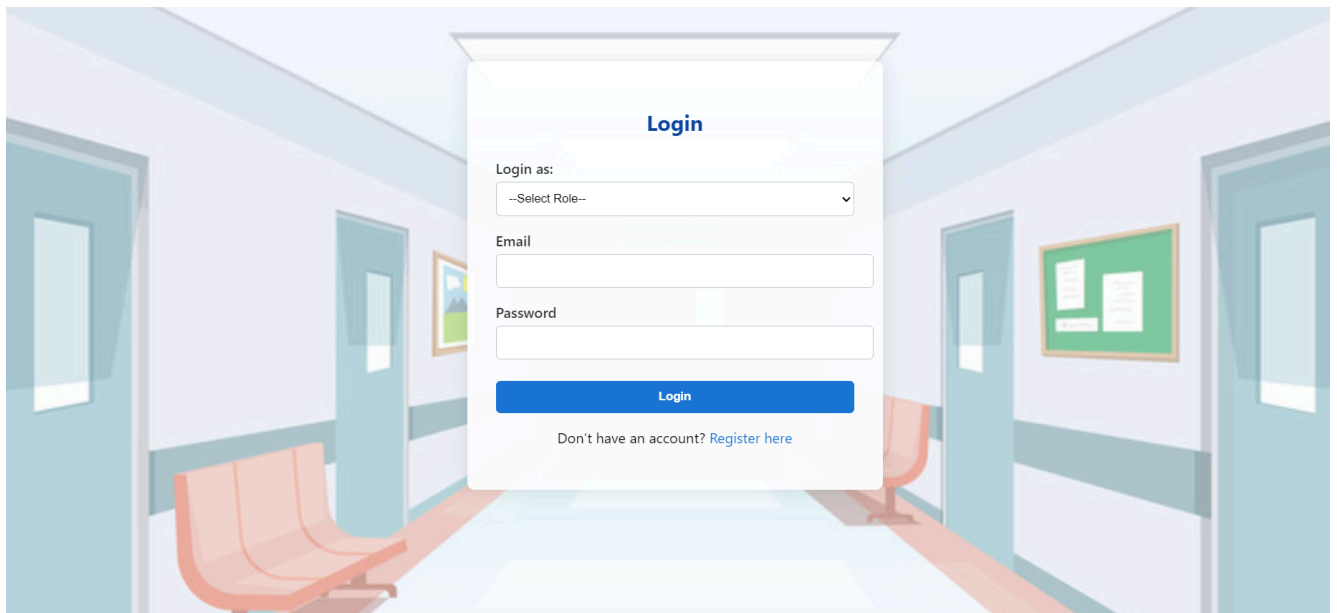
HealthEase/





# Design Theme

- Color Palette: Blue & White – signifying trust and healthcare
- Font: Clean sans-serif fonts (Arial, Roboto)
- Layout: Flexbox and Grid used throughout
- UI Elements: Consistent button styling, input fields, and spacing
- Visual hierarchy ensured with headers, spacing, and padding



# Features Implemented

- Role-based login system
- Registration with role option (Customer/Doctor)
- Appointment booking with file upload
- Dashboards per user role
- View & cancel bookings
- Responsive design for phones and tablets
- Welcome message customization
- Sidebar navigation in dashboards



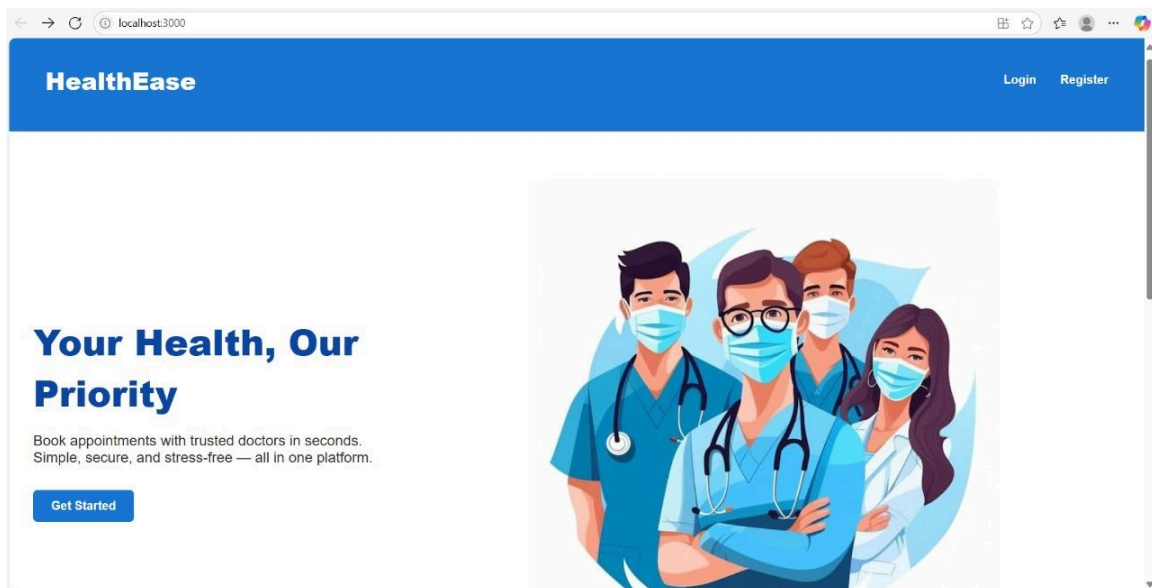


# Mobile Responsiveness

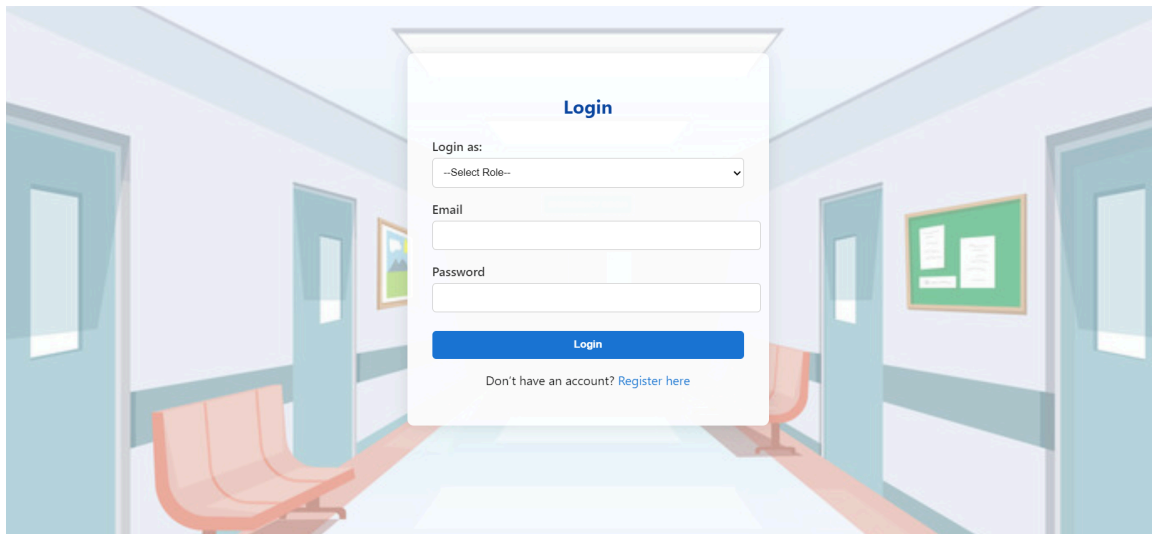
- Layout stacks vertically on small screens
- Buttons & fonts scale appropriately
- CSS media queries applied for breakpoints
- Tested with Chrome DevTools and real Android device

## Screenshots

### Homepage



## Login Page

The background of the login page is a stylized illustration of a hospital corridor. It features light blue walls, several teal doors, and orange chairs. A green bulletin board with papers is visible on the right wall. A white login form is centered in the foreground.

**Login**

Login as:

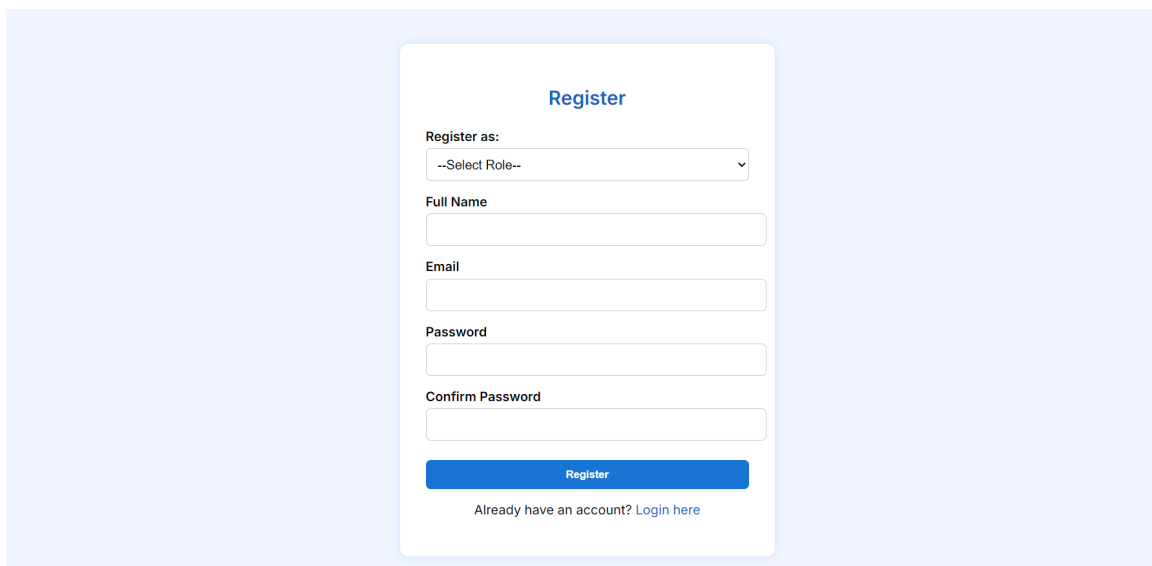
Email

Password

**Login**

Don't have an account? [Register here](#)

## Register Page

The background of the register page is a solid light blue color. A white register form is centered in the foreground.

**Register**

Register as:

Full Name

Email

Password

Confirm Password

**Register**

Already have an account? [Login here](#)

## Doctor Dashboard

Doctor Panel

Home

Appointments

Logout

Welcome, Dr. Meena

Patient Appointments

Patient Name	Email	Date	Reason	Actions
Ravi Kumar	ravi@gmail.com	2025-06-23	Fever & Checkup	<div>Approve</div> <div>Reject</div>
Sneha Patel	sneha@mail.com	2025-06-25	Skin Allergy	<div>Approve</div> <div>Reject</div>

## User Dashboard

HealthEase

Dashboard

Booking History

Logout

Welcome, Ravi

Dr. Meena Sharma

Specialization: Dermatologist

Availability: Mon - Fri, 10am to 3pm

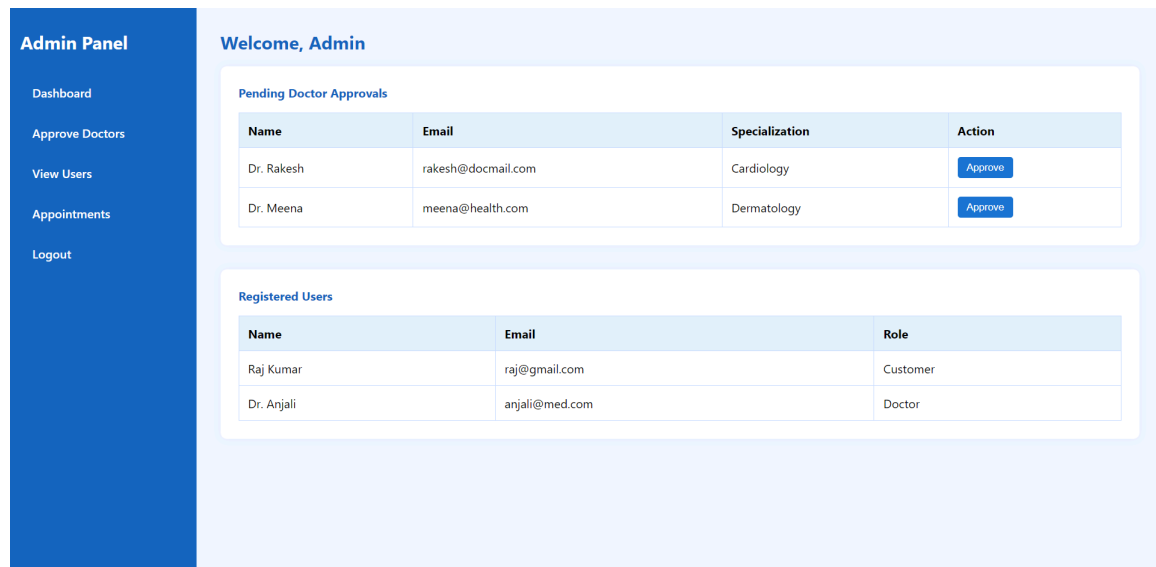
Book Now

Dr. Rakesh Kumar

Specialization: Cardiologist

Availability: Tue - Sat, 9am to 1pm

Book Now



## Challenges Faced

- Ensuring consistent layout across devices
- Creating separate dashboards efficiently
- Handling login redirection using plain JS
- Designing long forms usable on small screens

# Deployment Plan

- GitHub Pages
- Netlify
- Vercel
- Live Server was used during development. Pages are modular and ready for backend integration.

## Conclusion

This project improved my frontend development skills and UI design thinking. I learned to work collaboratively, structure files professionally, and ensure a good user experience across devices.

## Future Scope

- Add real authentication (JWT/Firebase)
- Real-time chat with doctor
- Notification system (Email/SMS)
- Dynamic calendar for time slots
- Theme toggle – Light/Dark Mode