TechSture
Growth Through Innovation

INTERNSHIP PROJECT REPORT

Presented by Riddhi Chavada

Prof. Vejarand Chavda
(Guide)

Prof. Dhimant
(Guide)

TechSture
Growth Through Innovation

Company Profile

Company name: TechSture
office:601/A, Avdhesh house, opp gurudwara, bodakdev, sg highway, Ahmedabad-380054, India.
General enquiries: INFO@TECHSTURE.COM Call us: 9033057219\ 9033067219

THREE TIMES AWARDEDAS THE BEST ELECTRONICS COMPANY IN THE STATE OF GUJARAT

2012 2013 2018

ABOUT TECHSTURE TECHNOLOGIES

- Established in 2007, driven by innovation and R&D
- Leader in Highways & Urban Traffic Management Solutions in India
- In-house Electronics R&D Lab and Software Development Center
- Over 12 years of experience with 140+ projects executed pan India
- Strong focus on "Make in India" in electronics manufacturing
- 150+ skilled professionals powering innovation

STRENGTHS

- In-house R&D lab & software development
- 140+ projects completed across India
- 150+ employees
- ISO 9001:2015 & ISO 27001:2013 Certified

INTERNSHIP AIM

To develop a web-based Hospital Management System using Python and Django, improving understanding of backend development, database handling, and secure data operations.

PROJECT DESCRIPTION

Tools Used: Python, Django, SQLite, HTML/CSS

→ Project Name: Hospital Management System

→ Key Features Implemented:

- Patient login & registration
- Appointment booking
- Admin dashboard
- Enquiry system
- Email integration
- Doctor & staff management

PROJECT DESCRIPTION

Week 1: Project Setup & Core Features

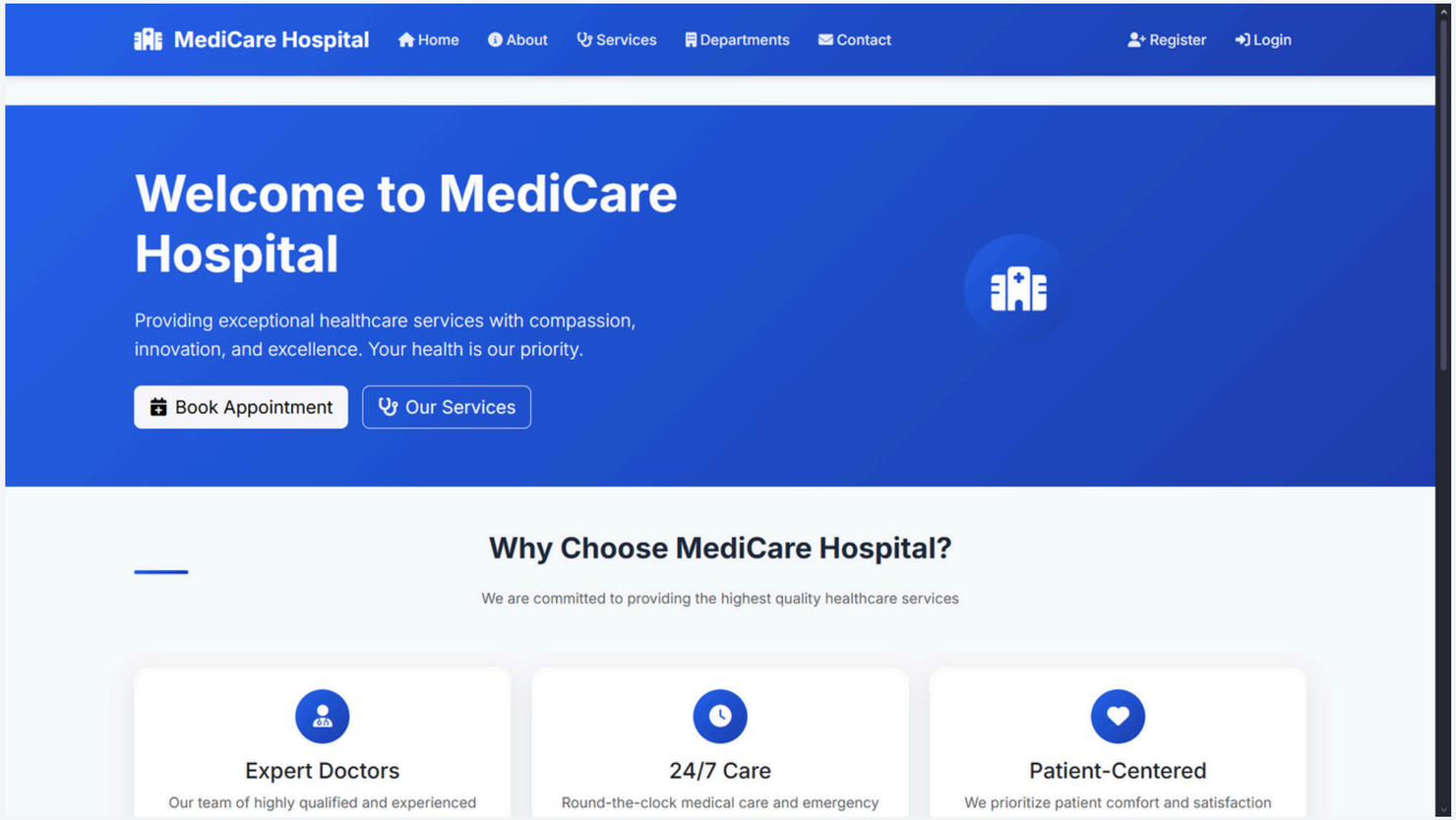
- Set up Django project and app
- Created models for:
- - Patients
- - Doctors
- - Appointments
- Built registration & login system for patients
- Designed homepage and contact form

Week 2: Advanced Functionality & Testing

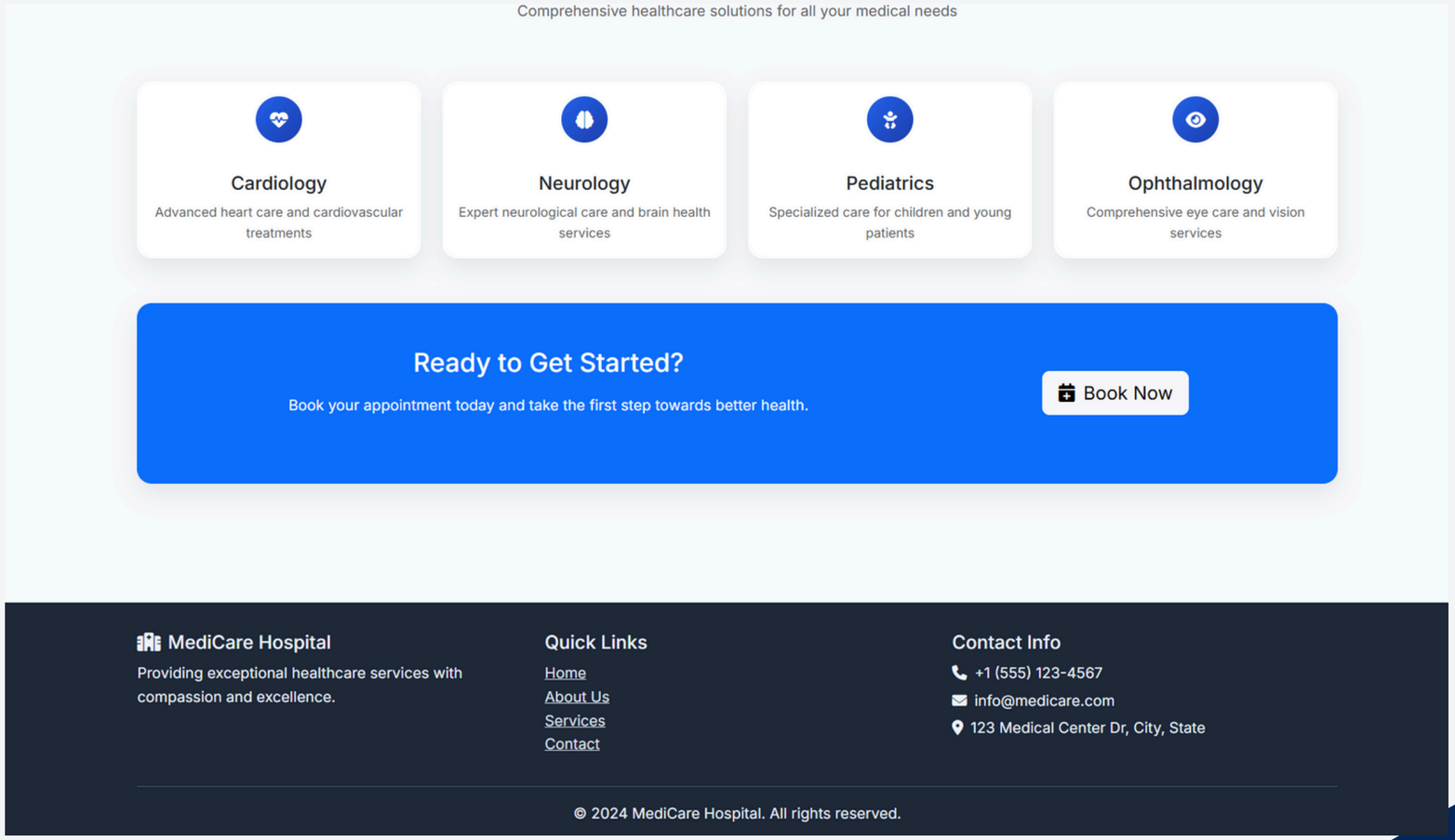
- Developed inquiry system (read/unread tracking)
- Integrated admin panel functionality
- Enabled patients to view inquiry status
- Email integration for appointments
- Performed testing and debugging

PROJECT SCREENSHOTS

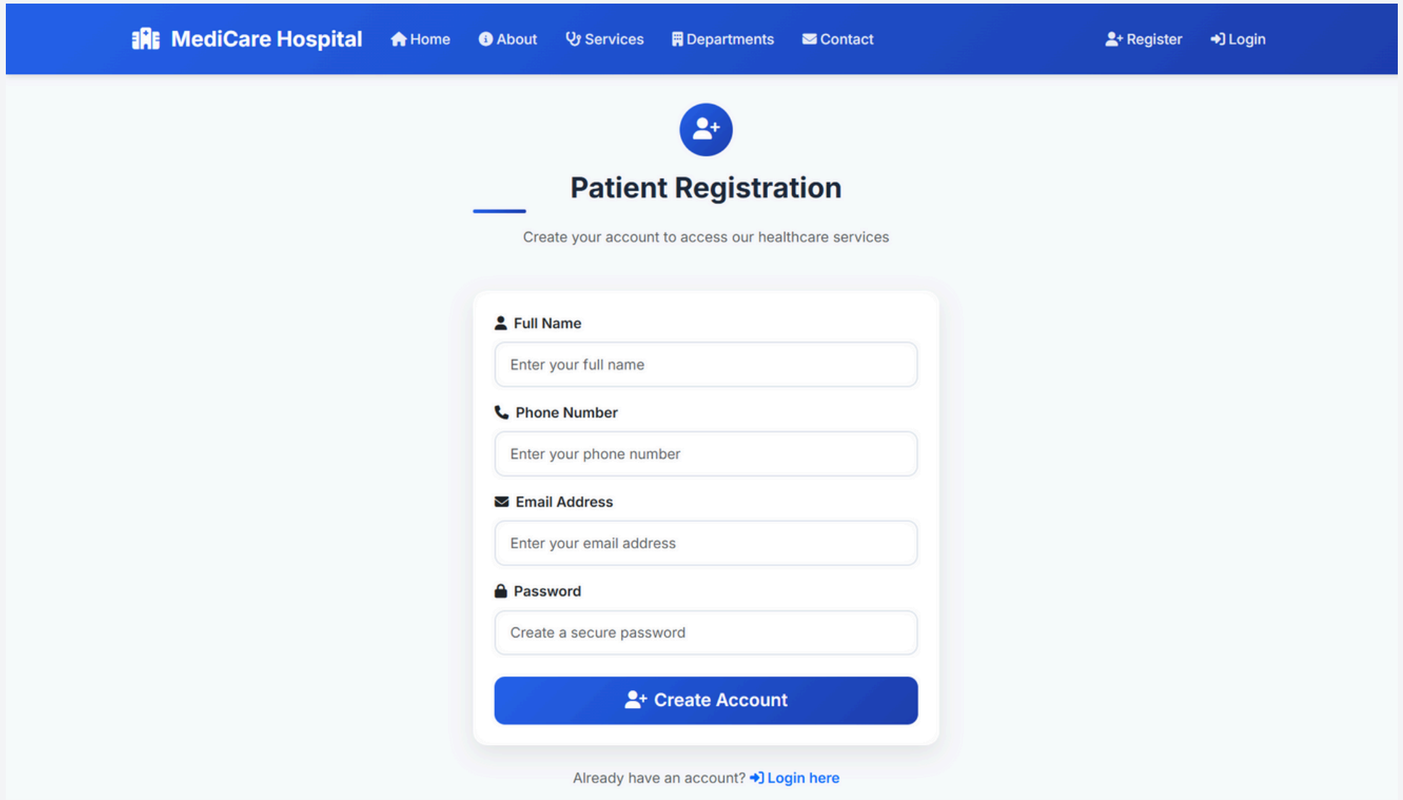
Home page:


MediCare Hospital
Home
About
Services
Departments
Contact
Register
Login
Welcome to MediCare Hospital
Providing exceptional healthcare services with compassion, innovation, and excellence. Your health is our priority.
Book Appointment
Our Services
Why Choose MediCare Hospital?
We are committed to providing the highest quality healthcare services
Expert Doctors
Our team of highly qualified and experienced
24/7 Care
Round-the-clock medical care and emergency
Patient-Centered
We prioritize patient comfort and satisfaction

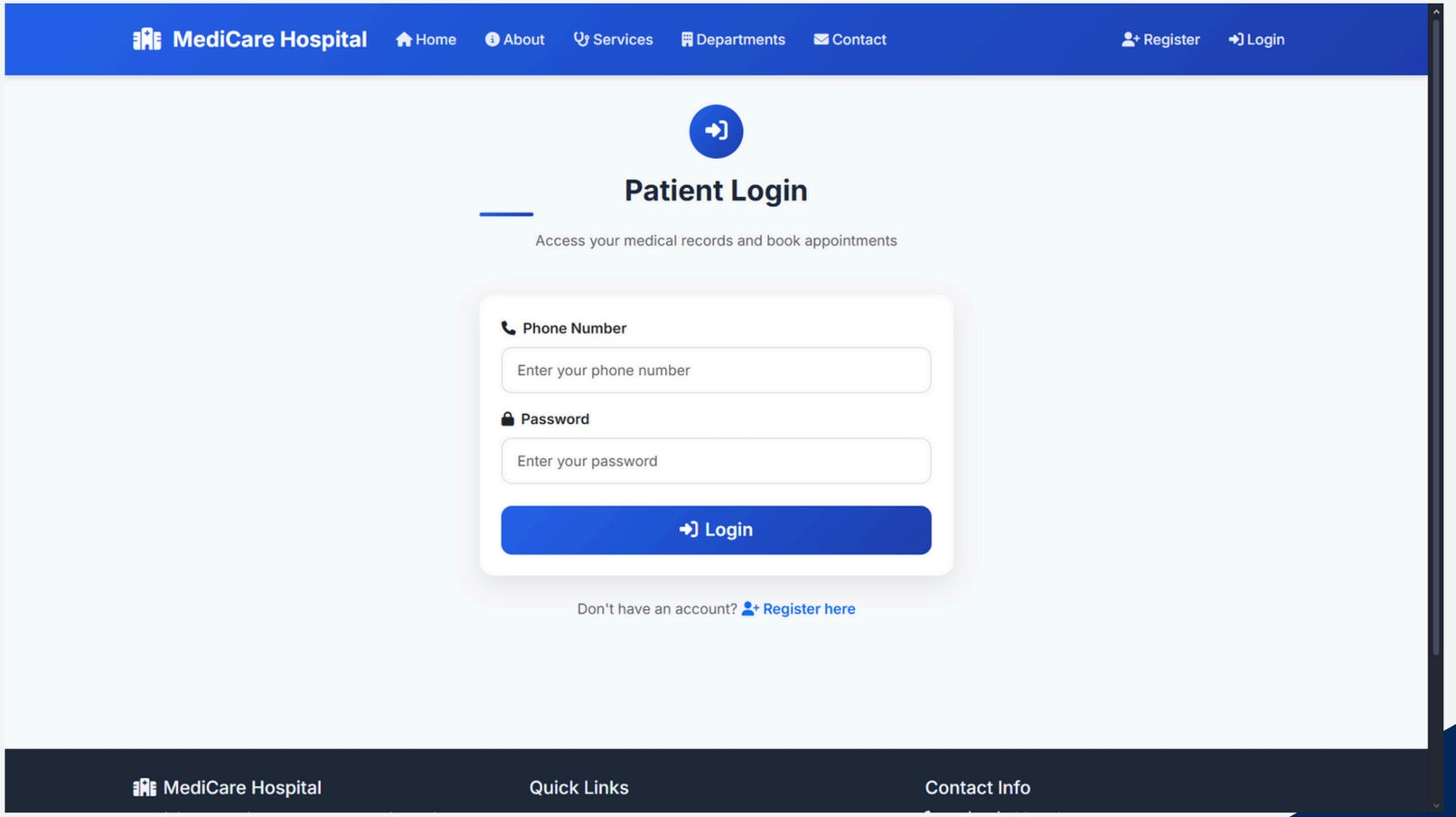
Home page:


Comprehensive healthcare solutions for all your medical needs
Cardiology
Advanced heart care and cardiovascular treatments
Neurology
Expert neurological care and brain health services
Pediatrics
Specialized care for children and young patients
Ophthalmology
Comprehensive eye care and vision services
Ready to Get Started?
Book your appointment today and take the first step towards better health.
Book Now
MediCare Hospital
Providing exceptional healthcare services with compassion and excellence.
Quick Links
Home
About Us
Services
Contact
Contact Info
+1 (555) 123-4567
info@medicare.com
123 Medical Center Dr, City, State
© 2024 MediCare Hospital. All rights reserved.

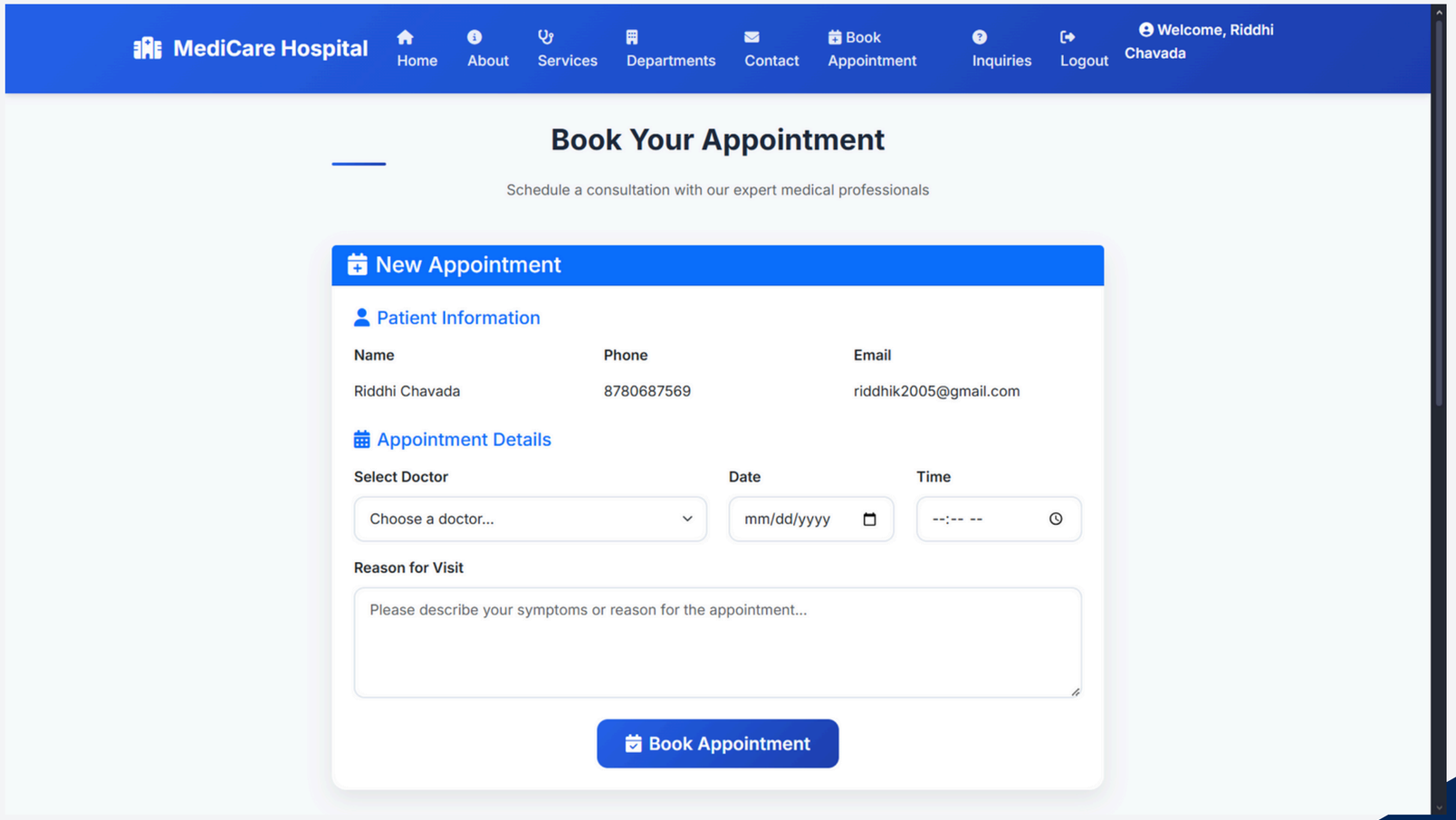
Patient Registration:



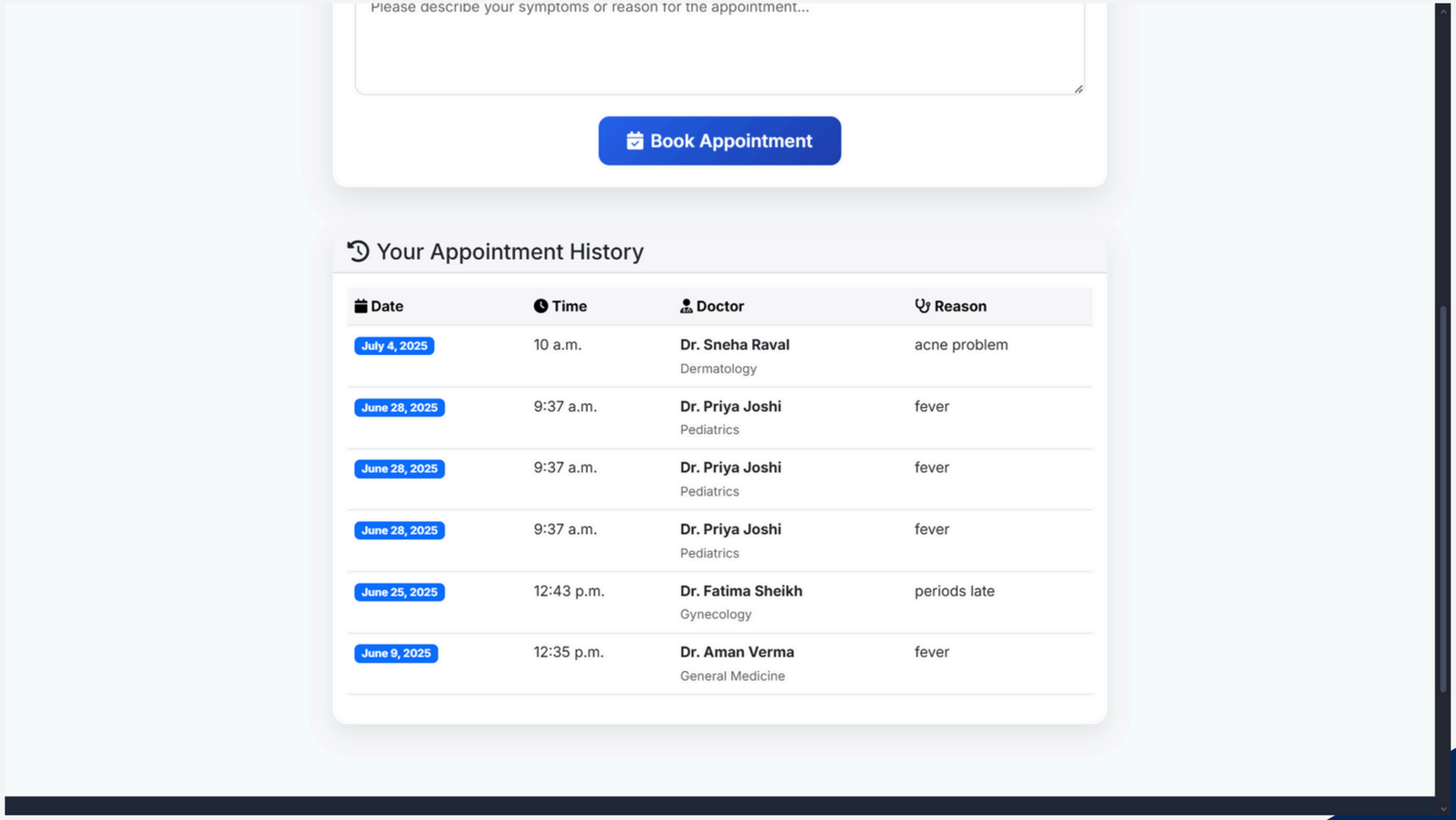
Patient Login:



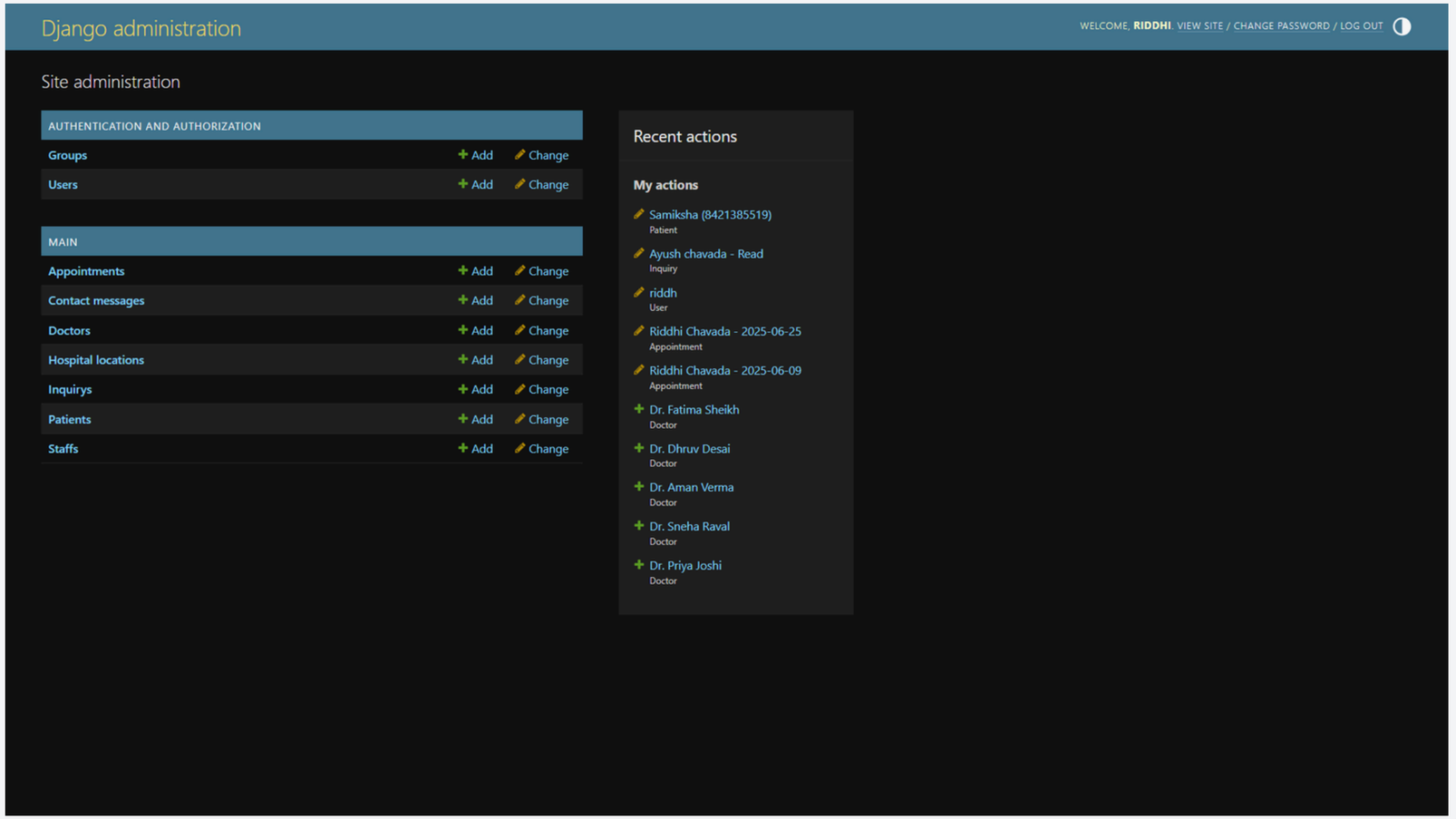
Appointment Form



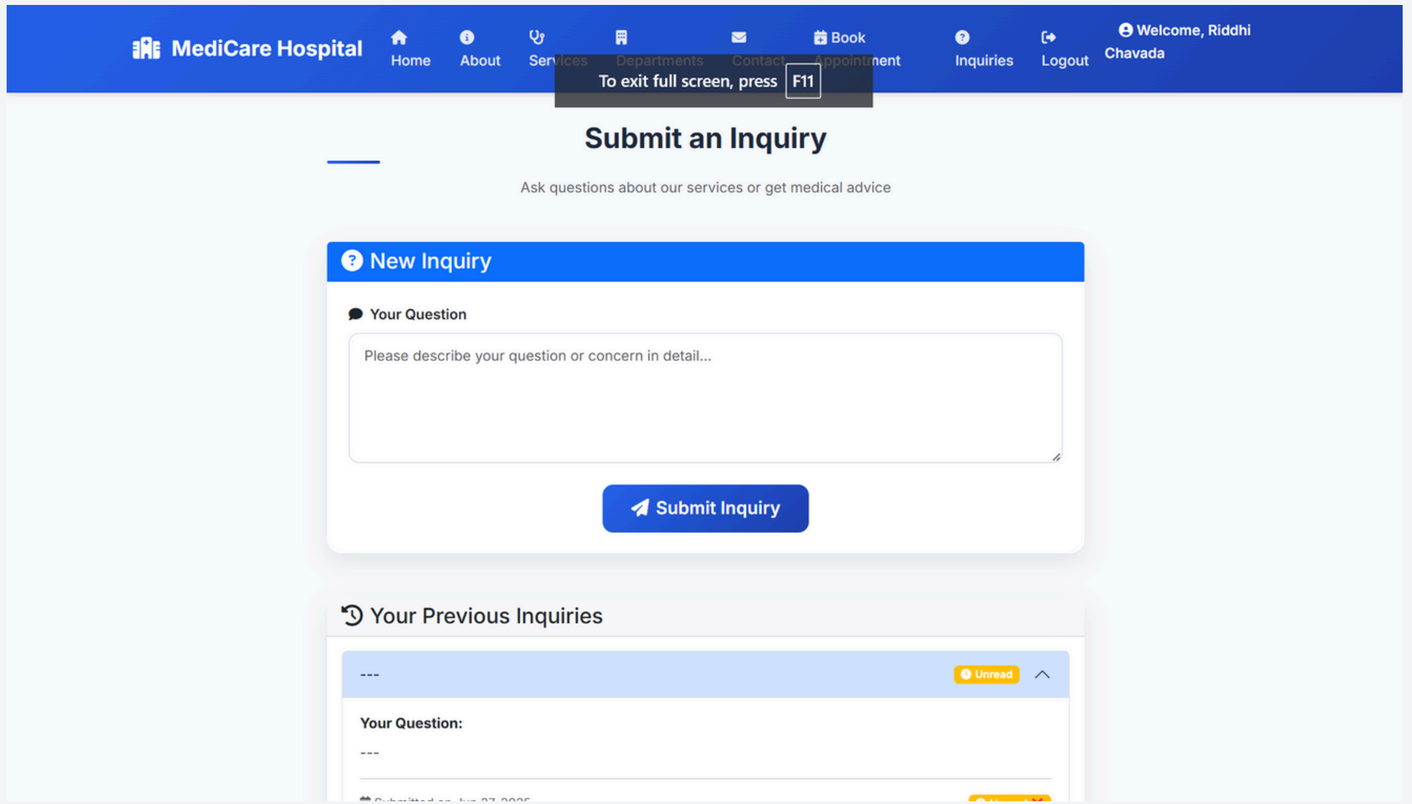
Appointment Form



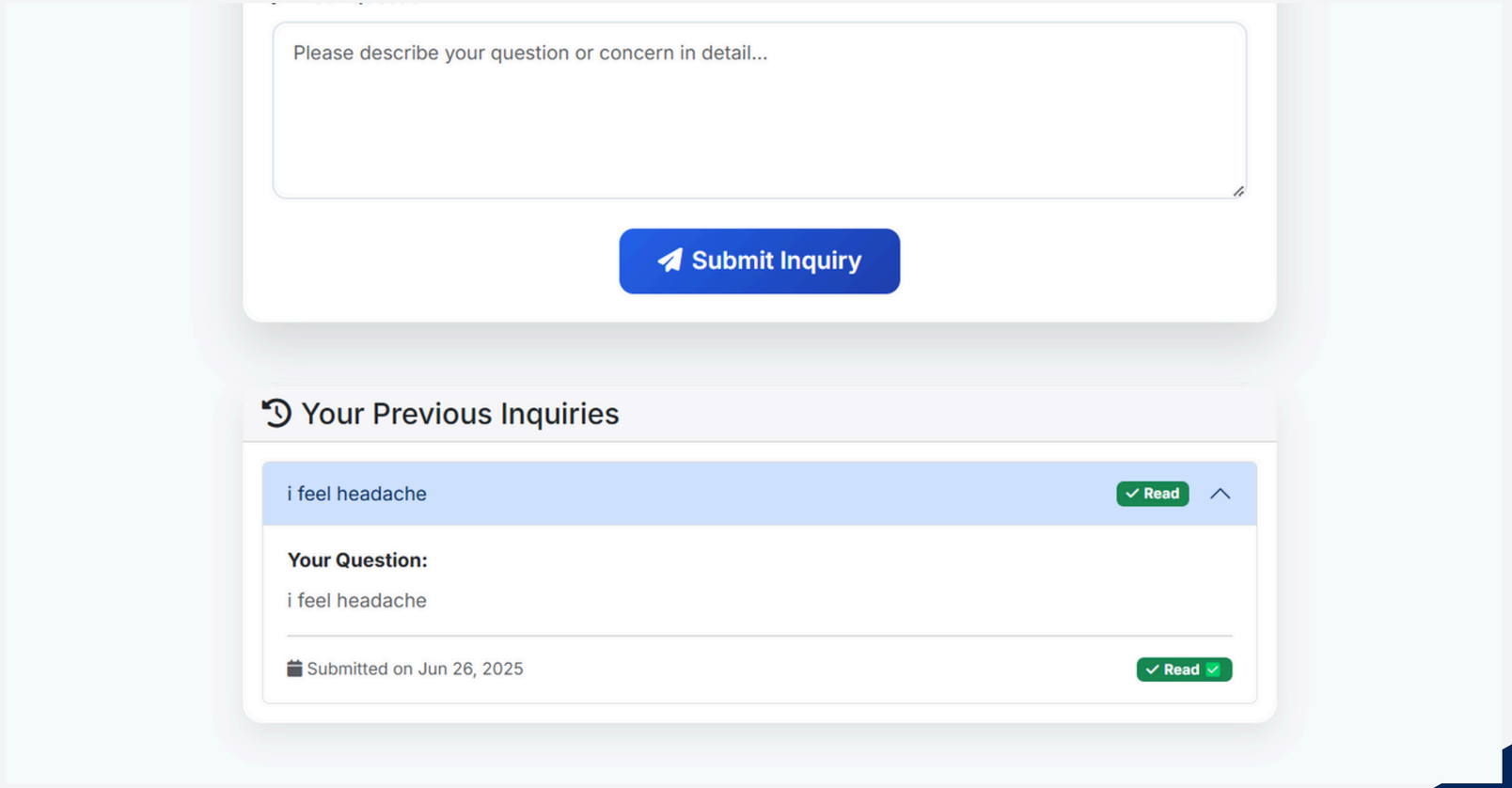
Admin Panel View:



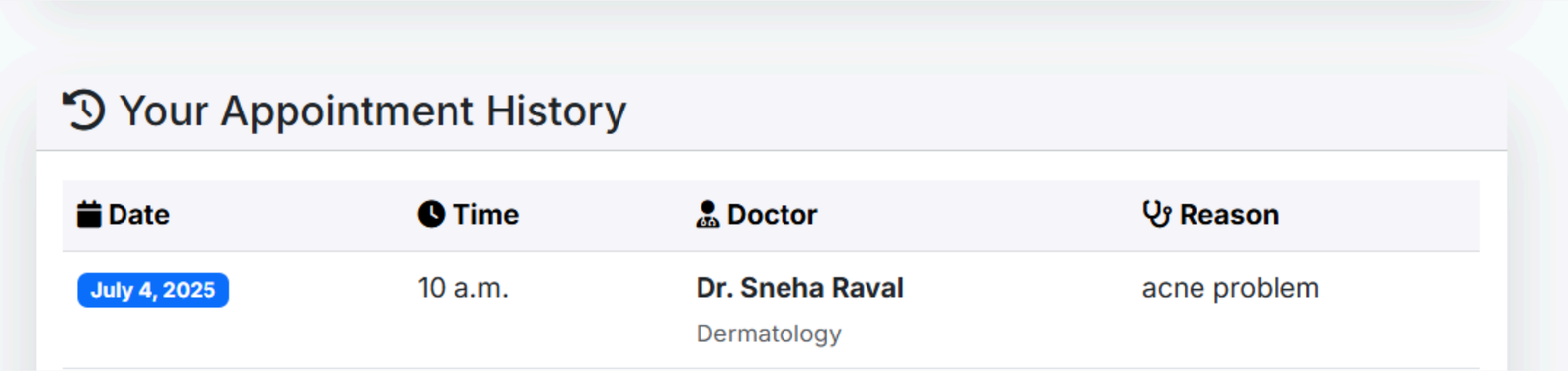
Inquiry Submission Page



Patient View Inquiry Status



Email confirmation:



SOURCE CODE

SCAN THIS

CHALLENGES FACED & SOLUTIONS

- Faced issues in database model linking – solved with online documentation.
- Initial trouble integrating SMS system – resolved using email integration.
- Understood the logic for admin-user interaction via inquiry handling.

KEY LEARNINGS

- Basics of Django framework, database migration, and URL routing.
- How to use models, forms, and templates in real projects.
- Gained confidence in working with full-stack projects.

CONCLUSION

The 2-week internship at Techsture Technologies helped me understand the backend development process and how real-world solutions are built. It enhanced my practical knowledge in Django and gave me a clear understanding of the development workflow in tech companies.

ACKNOWLEDGMENT

I sincerely thank Techsture Technologies for this opportunity, and my faculty guide for constant support during the internship.

THANK YOU