Prepared by group 1

Smart HMS with Appointment Requests

A simple hospital management system that
improves patient-doctor interaction by allowing appointment requests.

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Introduction

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A simple hospital management system that
improves patient-doctor interaction by allowing appointment requests.
Patients can select doctors, choose a date and time, and provide a
reason
for their appointment. Admins or doctors can manage and respond to
these requests efficiently.

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Main Modules of the System:

Doctor Management:

Add and list doctors. Each doctor has: Name, Specialty.

Patient Management:

Add and list patients. Each patient has: Name, Age, Assigned Doctor.

Appointment Request:

Patients fill a form to request an appointment. Information includes: Doctor, Date, Time, Reason. Status is initially marked as "Pending"

Appointment Status Management:

Admin or doctor can view all appointment requests.Status can be updated to "Accepted" or "Declined"
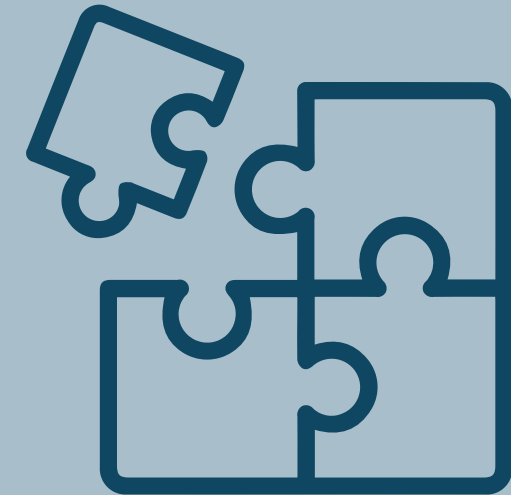
User Roles

Patient
- Views available doctors.
- Requests appointments by completing a form.

Admin
- Manages doctors and patient
- Approves or declines appointment requests.

Suggested Pages/Interfaces:

Page   **Description**

- Home Page   Welcome message and overview
- Doctor List   Shows all doctors with their specialties
- Patient List   Lists patients and their assigned doctors
- Request Appointment Form for requesting an appointment
- Appointment Success Confirmation message after request submission
- Admin Dashboard   Table of all appointment requests with status
- Appointment Detail   View and manage individual appointment request

Optional Features

User login and authentication
Over the past years, we've observed Warner & Spencer's product sales going down because of some reason.

Email notification for appointmen confirmation:
Direct feedback from our customers has highlighted areas for improvement

Calender view for scheduled appointments :
Through comprehensive market analysis, we've identified shifts in consumer preferences, competitive landscape changes, and emerging market segments.

Benefits of the System:

Improved Service:
- Patients can request appointments without visiting in person.

Efficiency:
- Doctors manage schedules and time better.

Communication:
- Appointment reasons and status are clear.

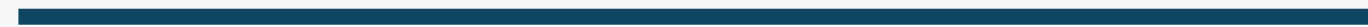**Record Keeping:**
- All data is stored and can be reviewed.

Summary of How the System Works:

1. Admin adds doctors and registers patients.

2.

3. Patient visits the system and fills an appointment request form.

4.

5. Admin or doctor views the request in a dashboard.

6.

7. Admin accepts or declines the appointment.

8.

9. Patient is notified about the appointment status.

10.

11. Admin can view reports and past appointments.

12.

Conclusion

This is a Simple **HOSPITAL MANAGEMENT SYSTEM (HMS)** that improves patient-doctor interaction by allowing appointment requests and with great **HTML** and **CSS,** this simple project can be used to save millions of lives globally without any doubts.

Thank you