ABSTRACT

PROJECT NAME:Doctor Appointment Booking System (MERN Stack)

Objective: To build a responsive and fully functional Doctor Appointment Booking System using the MERN stack MongoDB, Express.js, React.js, and Node.js. The system enables patients to book appointments online, doctors to manage their schedule, and administrators to oversee all operations.

Modules & Features:

1**. Patient Module:**

- Patient registration and login.

- Browse list of doctors.

- Book appointments based on availability.

- View and manage booked appointments.

- Online payment for booking fees.

2. Doctor Module:

- Doctor login with personalized dashboard.

- View upcoming appointments.

- Track earnings.

- Update and manage profile.

3. Admin Module:

- Admin dashboard with full control.

- Manage doctors and their profiles.

- View, add, delete, or modify appointments.

- Monitor system activity and earnings.

Conclusion:

This MERN stack-based Doctor Appointment System is a complete healthcare appointment solution. It streamlines the booking process for patients, helps doctors manage schedules efficiently, and gives admins full controlmaking it ideal for clinics and hospitals.