

Project Title: Hospital Management System

Description: Our project aims to create a user-friendly and efficient Hospital Management System that streamlines various processes within a hospital. The system will include a secure login page with user authentication to ensure confidentiality and privacy.

Key Features:

1. User Authentication:

- Secure login system to protect sensitive information.
- Different access levels for administrators, doctors, and staff.

2. Appointment Scheduling:

- Easy-to-use interface for patients to schedule appointments online.
- Ability for doctors and staff to view and manage their schedules.

3. Patient Management:

- Centralized database to store and manage patient information securely.
- Quick access to patient records for medical history and treatment plans.
- Update and maintain patient records efficiently.

4. Staff Management:

- User profiles for each staff member with relevant information.
- Access control to restrict unauthorized access to sensitive data.
- Streamlined communication between staff members.

Technology Stack:

- Frontend: HTML, CSS, Bootstrap
- Backend:
- Database: MySQL
- Authentication: JWT (JSON Web Tokens) for secure user authentication

Benefits:

- Improved efficiency in appointment scheduling and management.
- Enhanced patient care through quick access to medical records.
- Streamlined communication among hospital staff.
- Better resource utilization through inventory management.

Conclusion: Our Hospital Management System is designed to simplify and enhance the overall functioning of a hospital, providing a secure and user-friendly platform for both staff and patients. The system will contribute to improved patient care, efficient resource management, and streamlined operations within the hospital.