

Project Title: Hospital Management System Using PHP

Abstract:

The **Hospital Management System** is a web-based application developed to enhance hospital operations by systematically managing medical records, patient information, and hospital inventory. This system efficiently organizes and tracks essential data, including patient details, medical reports, employee records, pharmacy stock, and laboratory findings. The platform consists of two key modules: an **admin panel** and an **employee/doctor panel**, ensuring secure access and role-based functionality. Doctors and staff can log in using unique credentials to update patient records, monitor pharmacy and laboratory data, and manage inventory. The system also generates comprehensive reports, aiding in better decision-making and improving hospital administration. By integrating digital record-keeping with interactive dashboards, this project enhances healthcare efficiency, reduces paperwork, and ensures accurate data management within medical institutions.

Domain/Technology:

Healthcare Management, Web Development

Technology Used:

- **Programming Language:** PHP
- **Database Management:** MySQL
- **Frontend Technologies:** HTML, CSS, JavaScript
- **Server-Side Framework:** PHP-based MVC architecture
- **Development Environment:** XAMPP/WAMP

Branch: Computer Science & Engineering (Data Science)

List of Project group Members

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