

Abstract

This project presents the development of an **Online Hospital Management System** using PHP, CSS, and MySQL with phpMyAdmin for database management. The system is designed to streamline hospital operations and improve accessibility for both patients and administrators through a **web-based** interface. It allows patients to book appointments online with doctors, reducing manual paperwork and saving time. The website supports essential functionalities such as managing patient records, doctor schedules, appointment booking, and more.

Built using PHP for backend processing and CSS for frontend styling, the system offers a responsive and user-friendly interface that enhances user experience across devices. The backend database, managed via phpMyAdmin, stores and handles data related to patients, doctors, and appointments efficiently.

This project aims to reduce human error, improve service efficiency, and allow 24/7 access to hospital services from any internet-enabled device. It provides a simple yet effective solution for small to medium-sized healthcare facilities to digitize their management process. Security and data validation features are also included to ensure the protection of sensitive medical information. Overall, this online hospital management system is a cost-effective and reliable tool to support modern healthcare service delivery.

Keywords:

Hospital Management System, Online Appointment Booking, PHP, CSS, MySQL, phpMyAdmin, Web-based Healthcare System, Patient Management, Doctor Scheduling, Medical Records System, Database Connectivity, Responsive Web Design, Health IT, Digital Healthcare, Admin Dashboard, ~~Appointment System, Frontend and Backend Integration, Secure Login System,~~ Healthcare Automation, User-Friendly Interface.