

Hospital Management System

ABSTRACT

Hospital Management System is a web based system developing in PHP and MySQL. we can manage Doctors, Appointments, Timing, fees, Booking and medication from this Project.

The main objective is to overcome manual errors and make a computerised system.

If anybody is ill and wants to visit a doctor for checkup, he or she needs to visit the hospital and waits until the doctor is available. The Patient also waits a queue while getting appointment. If the doctor cancels the appointment for some emergency reasons then the Patient is not able to know about the cancellation of the appointment unless or until he or she visits the hospital. This Project is developing to overcome all these situations. It has a time management.

It helps to store all the details of Patients their document, fee payment etc. The users of this Project are admin, doctor, and Patients, pharmacist. There are several modules are available to manage booking, appointment, doctors and medication. We can also generate reports for appointments, doctors, fees, medication. Here the doctor module manage all the operations of doctors, appointment module can manage appointment, timing module is normally developed for managing timings, fee module manage fees operations booking module has been implemented to manage booking.

USERS

Admin

The admin can add doctors, view patient-appointment status, Payment details, Admin can manage.

Patient

The Patient can register and login to this system. They can view their previous appointment and treatment details, edit profile, delete appointment if they feel any problems. They can take appointment from doctors on the basis of convenient time and availability of doctors.

Doctor

The doctor login into the system and can add the appointment time and date. View Patient's previous treatment details, medication details and can view the treatment details of inpatients and outpatients. They can also able to enter prescription for a user and send it to the pharmacy. Doctors can also cancel appointment due to any urgent reasons.

Pharmacist

The Pharmacist can login to the system and view the prescription from doctors of each patient and give medicine according to prescription for each patient and manage

Payment detail of medicines.

Modules

Patient Registration module

This module registers patient details based on general and demographic information. Patients are allocated a Unique Health identification number.

Outpatient Management module

This module deals with recording the patients basic medical treatment details and depends on other modules for acquiring their registration details, booking appointments for consultation, test appointments, report viewing etc.

Inpatient Management module

The module commences when the Patient being registered and allocated a bed to the ward. It deals with the complete treatment and services provided to the Patient during his/her stay in the hospital.
Used to manage dining

Pharmacy management module

This module deals with the sale of medicines to Patients, and issues of medicine to the inpatients in the hospital. Its functions include online drug Prescription and inventory management and billing of drugs, Surgical and consumables.

Booking module

It manages the booking details.

Doctor module

Read, update and delete doctors from this module.

Important Management Modules