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# PROJECT NAME: HOSPITAL MANAGEMENT SYSTEM

1. **PLANNING**

Hospital Management System is a system which implements all activities and manages all information of hospital in computerized way to make it easier and faster.

This system it will solve different problem hospital face by using manual system such as data security, bad services, in making report and number of employee hired.

1. **DESIGN**

This system will allow users with difference authentication and also with different responsibilities.

This system has sign up page to the new users and login to users who has already register like staff that are in charge of granting roles to other after adding them in system. In this system page you get after login it depends on who login as.

the system has the following pages: login, doctors, user, patients and room, appointments and billing information All of this pages it has display ,update and delete that allow users to make changes/manipulate different information.

In this system, you can perform the actions that you usually see in the hospital according to the authentication you can do the following features:

* Login form
* Add User
* Add Patient
* Add Doctor
* Add Room
* Generate Bills

1. **DEVELOPMENT**

This management system has been developed to form whole management system including Users, Doctors (consultants), Nurses, Patients, Bills, and Complains etc.

This project has GUI (Graphical User Interface) based software that will help in storing, updating and retrieving the information through various user-friendly menu-driven modules.it will also have database store all information of system like users password and usernames.

1. **TESTING**

After development we stress our system to ensure if it requires maintenance or is ready to be deployed.

* Verify that the portal for new patient registration has all the mandatory fields required for registering a patient.
* Verify that after filling the patient details
* Verify that after patient checkup based on the requirement the details are updated in the patient details database.
* Verify that for existing patients based on the application number of the patient, their records are added/updated in the database.
* Verify that the system has an admin for doctors as well.
* Verify that for each doctor’s details like their timings, specialty, fee, patient visited etc is visible to the authorized users.
* Verify that new details of new doctors can be added to the system.
* Verify that the details of existing users can be updated in the system.
* Verify that the doctor’s record can be deleted from the system.
* Verify the billing admin of the system calculates the bill based on the patient’s unique application number from the data generated from different systems.
* Verify that authorized users can also see total day-wise billing done.
* Verify the admin for hospital inventory, room and bed management.
* Verify that the admin has the record of all the equipment, machines and medicines and the same gets updated when used or added to the system.
* Verify that the admin has a record of rooms and beds availability and the same gets updated based on their allotment and departure to patients

1. **DEPLOYMENT**

First of all, start your xampp. Then go to localhost/phpmyadmin and create a database and name it as the SQL file given in your project folder. Then import the SQL file to the created database. After this open your NetBeans and then run the project. ***PLEASE READ THE LOGIN.TXT FILE FOR THE LOGIN CREDENTIALS***