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**BIT LEVEL 2**

**GROUP 3**

**Class No:10**

**Project Name: Hospital Management System**

1. **PLANNING**

Hospital Management System is a software that incorporates various factor needed for smooth working and management of a hospital. It manages information related to all aspects of health care and aids in job completion of health care.

* **Goals of Hospital Management System**
* To computerize all details regarding patient and hospital
* Improve patient care
* Reduce expenses of running a hospital.
* **Objectives of Hospital Management System**
* Provide MIS report on demand to management for better decision making
* Better coordination among different departments
* To cut back the time taken through manual system so as to take care of all the records.
* **Problems to be solved**
* Loss of patient records
* Time consumption because of using manual system.

1. **DESIGN**
2. **DEVELOPMENT**

This system has been developed to help in management of Users, Doctors (consultants), Patients, Bills, rooms.

This system has Graphical User Interface that will help in storing, retrieving, updating data through different modules.

1. **TESTING**

* 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**

You start Xampp, then go to your desired browser and then write localhost/phpmyadmin and then you create database with the name of SQL file in your project and then click on import the SQL file to the database you have created, lastly open your NetBeans and run your project.