**Hospital Management System**

Hospital management system project in java using JSP, servlet, Mysql, and eclipse. Its using java as core technology and Mysql as backend to manage the data records. The application is following the MVC architecture with maven tool. HMS is a web application which is a help to manage the activity of an hospital Like Patient management, Doctor management, Manage appointments. Manage the records of patients.

The main objective to develop Hospital management system in java is to manage the hospital activity online.

There will be Three main Actors or Users of the application

1. doctor
2. Admin
3. Receptionist.

There are three main actors of the system who going to manage or run the complete application. Let’s discuss one by one according to the role and readabilities.

**Modules**

**Admin**

Admin is the main actor who will be responsible for managing Doctors and Receptionists. Below is the task list which will be performed by admin.

* Admin can ADD/DELETE/UPDATE a doctor.
* Admin can VIEW the list of doctors.
* Admin can ADD/DELETE/UPDATE a receptionist.
* Admin can VIEW the list of receptionists.
* Admin can ADD/DELETE/UPDATE a patient.
* Admin can ADD/DELETE/UPDATE a appointments.

**Doctor:**

* Doctor can check the appointment and the patient list.
* Doctor can VIEW the appointments.
* The doctor can VIEW the patient list.

**Receptionist:**

* Receptionist can ADD/EDIT/VIEW appointments.
* Receptionist can ADD/EDIT/VIEW patient .

**Technology**

Technology used in the Hospital Management System project in java

* Front -End Jsp, Html, CSS, JS.
* Server-side: Servlet.
* Back-end: MYSQL.
* Server: Tomcat 8.5

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