

# **Hospitality Management System**

## **Introduction**

XYZ hospital is a multi specialty hospital that includes a number of departments, rooms, doctors, nurses, compounders, and other staff working in the hospital. Patients having different kinds of ailments come to the hospital and get checkup done from the concerned doctors. If required they are admitted in the hospital and discharged after treatment. The aim of this project is to design and develop a database for the hospital to maintain the records of various departments, rooms, and doctors in the hospital. It also maintains records of the regular patients, patients admitted in the hospital, the check up of patients done by the doctors, the patients that have been operated, and patients discharged from the hospital.

## **Functionalities of the system**

In hospital, there are many departments like Orthopedic, Pathology, Emergency, Dental, Gynecology, Anesthetics, I.C.U., Blood Bank, Operation Theater, Laboratory, M.R.I., Neurology, Cardiology, Cancer Department, Corpse, etc. There is an OPD where patients come and get a card (that is, entry card of the patient) for check up from the concerned doctor. After making entry in the card, they go to the concerned doctor's room and the doctor checks up their ailments. According to the ailments, the doctor either prescribes medicine or admits the patient in the concerned department. The patient may choose either private or general room according to his/her need. But before getting admission in the hospital, the patient has to fulfill certain formalities of the hospital like room charges, etc. After the treatment is completed, the doctor discharges the patient. Before discharging from the hospital, the patient again has to complete certain formalities of the hospital like balance charges, test charges, operation charges (if any), blood charges, doctors' charges, etc.

## **Modules in the system**

This system includes the following modules

- Interface creation for master table management.
- Issuing of admission card and admitting the patients to hospital.
- Room booking and allotment.
- Maintaining treatment details.
- Preparing discharge summary.
- Report generation.

## **Benefits of the system**

This system supports the management, doctors and patients by providing them necessary information. This system also can generate different reports based on the requirement.

**Name of the Team:***XYZ Software Solutions.*

<b>Sno</b>	<b>RollNo</b>	<b>Name</b>	<b>Role</b> (Project leader, Designer, Developer, Test & Document)
1	CSE001	Mr abc	Leader
2	CSE034	Ms xyz	Designer
3	CSE045	Mr pqr	Developer
4	CSE056	Ms mno	Testing and Documenting

**Development Platform:**

- For Database - SQL
- For User Interface - Java

**Signature of Class Handling Faculty**