NAME: **MILONI JOSHI** SAP NO:**60004150039**

**PROBLEM STATEMENT:** Hospital Management System

XYZ is a Hospital. The Receptionist maintains records such as the patient’s information, doctor’s information, unique record number and the appointment date of the patient. The Hospital staff includes Doctor, Receptionist and the Nurse whose details such as name, unique id, contact number, qualification, gender and salary are stored. The Doctor’s details specifically include the Doctor Type whether the Doctor is a Resident, Consultant or Trainee. The patient details include the name, unique id, address, gender, date of birth, hence the age, contact number and the date admitted and date discharged. The patients are assigned to rooms which have identification details such as unique room number, hence the floor number and the room type. One Nurse is assigned only one room. The patient is billed for the treatment which includes the pharmacy and the tests that have been prescribed by the Doctor. At the pharmacy the prescription details of the respective medicines are required. For the tests that need to be performed, the patient is billed according to the test name and they are assigned a particular date for the test.

**ENTITIES AND ATTRIBUTES:**

HOSPITAL STAFF: StaffID, Firstname,Lastname,Qualification,Gender,Salary,Contact

PATIENT: pID, fname,lname,Address,Gender,DOB,Age,Date\_discharged,Date\_admitted,Contact\_no

TESTS: TestID,Test\_name,Test\_date

PHARMACY: MedecineCode, Price

ROOMS:RoomNo,Floor\_no,Room\_type

RECORDS: RecordNo,Doctor’s\_info,Patient’s\_info,Appointment\_date

RECEPTIONIST:TypingSpeed

NURSE: Score

DOCTOR: DoctorType,Specialisation

**ER DIAGRAM:**

