

# DBMS Project

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**Group:** 1\_15

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**Objective:-** ER Diagram of Hospital Management System

## Discription :

- In the below ER diagram, there is a 'patient' entity which gives patient details.
- The 'Doctor' entity signifies the details of doctors working in the hospital.
- The relation between doctor and patients is given by the appointment relationship which provides the appointment details of patients with doctors.
- The Doctor prepares a patient report after diagnosis and prescribe appropriate medicine. Thus, 'Patient Report' entity gives us the patient reports prepared by doctors and this entity also has relations with patient entity.
- The 'medicine' and 'medicine report' entities gives us details of medicine prescribed by doctors to patients.
- The 'supplier' entity describes the information of supplier of medicines.
- The patient might need some laboratory tests for the diagnosis, the 'Lab' entity provide information for the lab tests required for patient.
- The patient needs to pay the fees for the diagnosis and lab test thus the 'Bill' entity provide the information on the amount the patient needs to pay.
- If patients have insurance then 'Insurance' entity describe the insurance information of the patients.
- The 'Employee details' entity describe the data of all the workers/employees in hospital and the 'Payroll' entity describe the income of the employee.
- 'Department' entity give us the data of the department in which employees work.

