

## **Title:**

Hospital Data Management System.

## **Scope of Database:**

This is a database system allows you to access and store details of hospital and its medical facilities. Our task is to provide systematic record of patients, doctors, rooms and pharmaceutical drugs related to the hospital. Database requirements for the same are given below.

## **Description/Requirements:**

Database will contain primary details of patients, doctors, staff members and pharmacy.

- Hospital may have many patients identified with their unique id.
- Each patient will have fname, lname, dob, contact number, blood group, disease type, id, gender.
- Doctors will have fname, lname, mobile number, speciality, dob.
- Doctors might have one or more than one patient under their supervision.
- Staff members will have id, fname, lname, mobile number, hour of duty, type.
- Medicine will have id, company, stock, cost.
- All the data will be updated regularly by the receptionist or any other operational staff.

## **Queries that the database system should be able to answer: (You can consider this as requirements from application user)**

- Given a doctor, we can retrieve the data of patients which are being treated by him/her.
- We can get a list of patients with similar diseases.

- We can get to know if a particular medicine is available or not in the pharmacy and if available then we can also know in how much quantity it's available.
- If the staff member or doctor is on duty or off duty.