

Title:

Database for keeping track of Hospital's Database

Scope of Database:

It is a database system that allows you to access the details of a hospital and other medical facilities. It produces a consistent and systematic record of patients, doctors and rooms.

All patients and staff members (doctor ,nurses) will be assigned a unique ID and will be linked in the database .

Through the database, one can easily access the room no of a patient admitted, availability of doctor and the vacant bed status.

Description/Requirements:

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

- Hospital may have many patients identified with their unique id, they might be treated by one or more doctors.
- 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 patients 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 operation 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 the detail availability of amount of a particular medicine in the pharmacy.
- Availability of staff members and doctors.
- We can find if a patient is currently admitted or not.