

Database Management System Project Hospital Database Management System

There are many departments in the hospital like cardiac, respiratory, pediatric, psychiatric, reproductive etc.

Admin of a hospital can be more than one person. Each person will have name, a unique Id which will have a control over all the departments of the hospital. He takes care of the cashier, supplier, decides the salary of all the workers of the hospital. He has a direct control over all the doctors, assistants and nurses of the hospital.

The Patient in the database has attributes such as first_name, last_name, mob_no, address, registration_id, spouse_name, guardian_name, nominee_name, age, sex, weight, height, disease, doctor assigned, room_no, bill_no, feedback, Under_Department, appointment_date. The patient can only seek advice from doctor and the nurses. He has the right to provide feedback based on how his illness/disease was diagnosed.

The database stores the details of a Doctor such as first_name, last_name, mob_no, address, id_no, physician/surgeon, spouse_name, Fathers_Name, Nominee_name, age, sex, profession, degree, assistants working under him, nurser working under him, joining_year, working_time, salary, Under_Department. The doctor supervises the nurses and assistants which are under him. He also guides the patient from time to time.

The Assistant in the database stores the details such as first_name, last_name, mob_no, id_no, address, spouse_name, fathers_Name, nominee_name, age, sex, profession, degree, doctor working over,

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nurser working under, joining_year, working_time, salary, Under_Department. The assistant can assist the doctor in managing his work. He has the control over the nurses but works under the doctor. He can reschedule the appointment dates of the patient and also control the patients database under the doctor assigned which he is working over.

The Nurse in the database stores the details such as first_name, last_name, mob_no, id_no, address, spouse_name, fathers_Name, nominee_name, age, sex, profession, degree, doctor working over , assistant working over, joining_year, working_time, salary, Under_Department. The nurse can assist the assistant in managing his work.

Basically the Database allows the admin to control the doctor, assistant and nurses under him. The doctor in turn can control assistants and nurses. The assistant assists doctor by scheduling appointment with the patient and informing him. The nurse in turn supervise the patient and assists the manager and the doctor.

Hence this database will be useful for the smooth running of the hospital where all the roles of an individual are clearly defined.

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