



Project Proposal
CSE 311L
Database Management System
Section 9

Summer 2020
North South University

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Project Name:

Hospital Data Management

Introduction:

Hospitals have unique data requirements. A Hospital has to maintain the medical records of its patients. It also has to manage information about its stuffs, doctors and multiple departments. My DBMS solution will help the hospital management to manage its data and information. Moreover, the management will be able to see any information about their past or present patients from it.

Features:**Entities for this database:**

1. Admin
2. Patient
3. Doctor
4. Hospital_Stuff
5. Hospital_Department
6. Hospital_Rooms

1. Admin:

Admin will have a default id and password. After signing in he will be able to create, update and delete any information regarding patients, doctors, hospital departments, stuff and rooms. He will also be able to retrieve any information from any of those.

2. Patient:

The admin will assign unique IDs to the patients and store the relevant information. Admin will add the patient's name, personal details like contact number, address, disease name, the treatment the patient is going through and the date the patient got admitted in. There will be also mention of the hospital department under which the patient is.

3. Doctor:

Admin will store information about the doctors here like his/her name, address, and contact info. Doctors will have unique IDs as well. A doctor can treat multiple patients as well. Doctors will be classified in different departments.

4. Hospital_Stuff:

Admin will store information about the stuffs here like his/her name, address, and contact info. Also, the stuffs are working in which room and under which department if they are working under any particular department.

5. Hospital_department:

The departments are available in the hospital will be stored here by the admin. Every department will have a unique ID assigned by the admin.

6. Hospital_Rooms:

Hospital rooms will have unique IDs as well. Admin will add rooms and all the information regarding this like ID and under which department the rooms are if they are under any particular department.

Technologies:

1. SQL
2. HTML
3. CSS
4. PHP

Software:

1. XAMPP
2. Sublime text editor
3. MySQL

Proposed Timeline:

Project Parts	Tentative Dates
Part 1 : Admin log in	19-09-2020
Part 2 : Patients and Doctors register creation	20-09-2020
Part 3 : Hospital stuff register creation	24-09-2020
Part 4 : Hospital department and room register	25-09-2020
Part5 :Final corrections and Project submission	27-09-2020