**Hospital Management System**

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[**https://github.com/hkunti/DB-Project.git**](https://github.com/hkunti/DB-Project.git)

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**Initial Proposal**

**Application**

Database design for the Hospital management system is used by the hospital to manage events and functions. An administrator can use it to register a patient for the hospital, and it stores the patient's disease details as well. Data can be added, viewed, edited, updated or deleted by any of the staff members and administrators. Hospital Management Systems (HMS) design databases to make storing patient information, doctor information, inpatient and outpatient information, rooms, and billing information secure and easy.

**Type of Data to store**

1. Record of patients
2. Record of doctors
3. Record of admin
4. Record of staff
5. Record of rooms
6. Record of bills

**Value of Data to store**

The details about doctors are stored in database so that patient can be assigned any doctor whose timings and slots are available. The data is valuable as ratings can be produced for each doctor. The medicine offering companies can also use the data of patients for their campaigns. The details will be stored in database in secure manager so that no unauthorized user could access that information and backup will help to restore the lost data.

I will manually enter the details about admin as admin will be responsible for managing the whole system. Then information about staff, patients will come from users during registration. At the time of registration, the users will be asked to enter the related information which will be stored in database. The bills will be calculated automatically from system.

The admin will use this system to manage the whole system. The admin will be responsible for keeping track of records and sales etc. The admin will answer queries asked from users. the patient will use this system to get an appointment for a doctor. The doctors will use this system to manage their records and date/time for appointments. The staff will use this system to manage records about patients and will serves the patients.