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Group #8

Section #08

Project Proposal

For our project, we decided to create a database for a Hospital, where management and doctors can search up staff and patient details. It also allows staff members to lookup upcoming appointments they have as well as who they will be working with.

Our entities in our database include the doctors, patients, departments, cafeteria, staff, medical bill, laboratory exams, patient diagnosis, medication, appointments.

1. Doctors
2. Patients
3. Departments
4. Cafeteria
5. Staff
6. Medical bill
7. Laboratory Exams/Tests
8. Patient Diagnosis
9. Medication
10. Appointments

Relationships between the entities:

- Departments have one to many doctors, doctors work in one department.
- Doctors have one to many patients, patients have one to many doctors.
- Patient can have one to many medical bills, bills are given to one patient.
- Patient gets one diagnosis, diagnosis is given to patient.
- Staff works in on cafeteria, cafeteria is the workplace for on to many staff.
- Staff can be one or many doctors, doctors are all staff.
- Doctors can have one to many appointments, appointments are given to one doctor
- Patients take one medical exam.
- Doctors examine one to many medical exams.
- Cafeteria feed one to many patients.

Backup Idea: Online Retail Store