

# **Project Proposal - Database Management**

## **Planet hospital**

**Met CS 579**

**A1**

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**Project Overview:**

The hospital system helps the hospital owner to organize many things about the staff, doctors, and patients in the hospital.

**Project Description:**

The hospital system owner will have a user side that can search such as staff levels, doctors' specialties, patients' prescriptions, patients' conditions, and the hospital's stock of drugs in the warehouse.

**Detailed Description:**

The front end: The front end will be Planet Hospital computer, it will ask users for logging in id, password. However, if users are not Planet Hospital employers, they are not allowed to log in Planet Hospital employers system.

**The main page:**

Hospital system owners will be used to check the current patient status (Username,password,Patient name,whether hospitalized, attending physician, prescription drugs, payment amount,phone number), doctor status (username,password,name,age,sex,phone,number,whether department head, department,number of patients being treated),nurse status(username,password,name,age,sex,phone,number,whether department head,) staff status,(personal information of staff and their departments), room status(department, room number,number of beds left) and the stock of drugs in the warehouse.

**DataBase Schema:****Patient Table:**

User name	ID#	Password	Patient name	Whether hospitalized	Phone number	Attending physician	Prescription drugs	Balance

Doctor Table:

Username	ID#	Password	Name	Age	Sex	Department	Head	Phone number

Nurse Table:

Username	ID#	Password	Name	Age	Sex	Department	Head	Phone number

Staff Table:

Username	ID#	Password	Name	Department	Phone number

Room Table:

Room number	Room ID#	Room type	Room floor	Room bed 1	Room bed 2	Attending Physician	Responsible Nurse

Warehouse Table:

Medicine name	Medicine id#	Department	Price	Quantity	Company