

Final Project

Hospital Management system

Write a python script for Hospital Management system. At the beginning of the system it asks the user to choose between admin mode and user mode.

- In admin mode :

The system asks for password, the default password is 1234. The system allows 3 trails for the password entry, if the entered password was incorrect for 3 consecutive times, the system shall close. After login in the admin mode, the system shall provide the following features:

1- Manage patients: To add, delete, edit and display a patient.

To add a patient , the system ask the user enter name of a department and The name of the doctor following the case and then add a basic information: name of a patient , age, gender , address , phone number, room number ,Describe the patient's condition and ID. The ID shall be unique for the user, if the entered ID is already Exists, the system shall reject the entry. To delete patient the system ask the user enter patient's ID. To edit the system ask the user enter patient's ID. And the user can show all patients in details

2- Manage doctors: To add, delete, edit and display a doctor.

To add doctor, the system ask the user enter name of a department, the name of the doctor, address, phone number and ID. The ID shall be unique for the user, if the entered ID is already Exists, the system shall reject the entry. To delete doctor, the system ask the user enter the doctor's ID .to edit, the system ask the user enter the doctor's ID, and the user can show all doctors in details

3- Book an appointment: To book, edit and cancel an appointment. To book, the system ask the user enter name of a department, the name of the doctor, and then add a basic information: name of a patient, age, gender and ID. The ID shall be unique for the user, if the entered ID is already Exists, the system shall reject the entry and print available appointment to patient. To edit, the system ask the user enter patient's ID .To cancel, the system ask the user enter patient's ID.

- In the user mode :

There is no password. The system allows the following features:

- 1- View all departments in a hospital
- 2- View all doctors in a hospital in details
- 3- View all patients Residents in a hospital in details
- 4- The user enter the patient's ID to view patient details
- 5- The user enter the doctor's ID to view an appointments.

Note: all data saved after closing system

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