

Hospital Management System

People :

- The Database should store basic Information about every person whether a doctor , a user or a patient.
- Each Person should have (ID , a name , a date of birth , gender , Phone , Email , Address , Country).

Users :

- The Database should store Information about users .
- Each User should have (ID , a name , a date of birth , gender , Phone , Email , Address , Country).
- Plus User Info (User ID , is Active , User Name , Password) .

Patients :

- The database should store information about patients.
- Each Person should have (ID , a name , a date of birth , gender , Phone , Email , Address , Country).

Doctors :

- The database should store information about doctors.
- Each Doctors should have (ID , a name , a date of birth , gender , Phone , Email , Address , Country).
- Plus Doctors Info (specialization) .

Appointments :

- The Database should store Information about appointments .
- Each appointment should have (Appointment ID , a patient, a doctor, appointment date and time, and appointment status , .
- Appointment Status:
 1. 1.Pending: The appointment has been scheduled but has not yet occurred.
 2. 2.Confirmed: The appointment has been confirmed by both the patient and the healthcare provider.
 3. 3.Completed: The appointment has taken place as scheduled.
 4. 4.Canceled: The appointment has been canceled either by the patient or the healthcare provider.
 5. 5.Rescheduled: The appointment has been rescheduled for a different date or time.
 6. 6.No Show: The patient did not show up for the appointment without canceling or rescheduling.

Medications :

- The database should store information about Medications .
- Each Medication should have(a unique identifier , name).

Medical Records :

- The database should store medical records for patients.
- For each attended appointment there should be a medical record.
- Each medical record should have (a unique identifier, a patient, a doctor, a description of the visit, diagnosis, prescribed medication, and any additional notes).

Prescription (وصفه طبية):

- The database should store information about prescribed medications.
- For each medical record there should be at most one prescription.
- Each prescription should have(a unique identifier, a medical record, medication name, dosage, frequency, start date, end date, and any special instructions).

Payments:

- The database should store information about payments.
- Payment is per appointment.
- Each payment should have a (unique identifier, a patient, a payment date, payment method, amount paid, and any additional notes).

Hospital Info:

- The database should store information about Hospital Info.
- Hospital info (Hospital name , phone number , logo ,address ,info).