22046596

Quang Phu Nguyen
Question 3 (i) - ER Diagram

Entity:

- medic: doctors / healthcare professionals (medicID, fullName)
- patient: individuals who receive medical attention (patientID, fullName)
- herb: herbal medicines in prescriptions (herbID, herbName, unit, price)
- diagnosis: medical diagnoses for patients (diagnosisID, diagnosis_description, diagnosisDate, *medicID*, *patientID*)
- prescription: medication orders issued to patients (prescriptionID, prescriptionDate, *medicID*, *patientID*)

Relationship:

-     MEDIC CONDUCTS DIAGNOSIS: ONE-TO-MANY TYPE
- A medic conducts 0 or many diagnoses.
- A diagnosis is performed by 1 medic.

-     DIAGNOSIS IS CONCERNED BY PATIENT: ONE-TO-MANY TYPE
- A patient goes through 0 or many diagnoses.
- A diagnosis record is matched with 1 patient.

-     PRESCRIPTION INCLUDES HERBAL MEDICINES: MANY-TO-MANY TYPE
- A prescription includes at least 1 herbal medicine.
- Herbal medicine can be included in 0 or many prescriptions.

-     MEDIC ISSUES PRESCRIPTION: ONE-TO-MANY TYPE
- A prescription is issued by 1 medic.
- A medic issues 0 or many prescriptions.

-     PATIENT RECEIVES PRESCRIPTION: ONE-TO-MANY TYPE
- A prescription is issued for 1 patient.
- A patient receives 0 or many prescriptions.