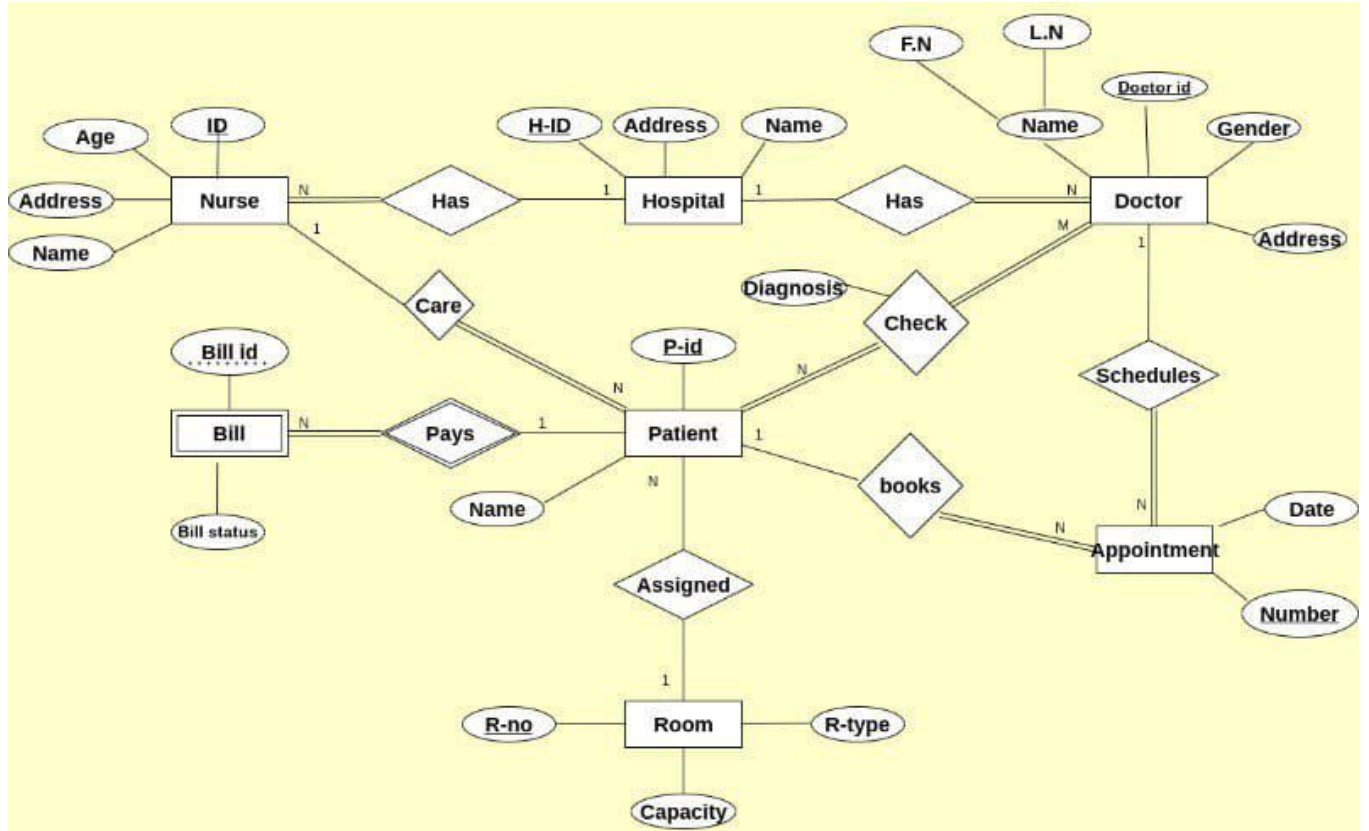


NAMES

- Nader Samy Nathan 2300233
- Amany Thabet Abdelrazik
2303121
- Asmaa Khaled Rabie
2302018

Description of an ER-diagram for hospital

- The hospital has several nurses. Each nurse has attributes such as ID (unique) , Name, Age, and Address. Each nurse is associated with one hospital, and every hospital can have multiple nurses.
- The hospital also employs a number of doctors. Each doctor has attributes such as Doctor_ID (unique), Name, Gender, Address, Ph-No and Specialization. Each doctor works for exactly one hospital, while a hospital can have multiple doctors.
- Each doctor performs checkups for multiple patients, and a patient can be treated by multiple doctors. A patient has attributes such as P-ID (unique), Name, Ph-No, Address, Gender.
- A patient can book multiple appointments, and each appointment is tied to exactly one patient. Appointments have attributes such as Date and Number (unique).
- Each appointment is scheduled with one doctor, but a doctor can have multiple appointments
- A patient can generate multiple bills, and each bill is associated with only one patient. Bills include attributes such as Bill_ID and Bill_Status.
- Nurses provide care for patients. A nurse can care for multiple patients, and every patient must be under the care of a nurse.
- Patients can be assigned to rooms. A room can be assigned to multiple patients, but each patient can only be assigned to one room. Rooms have attributes such as R-No, R-Type, and Capacity. Not all patients require a room (partial participation).



Mapping for a hospital

