

Hospital Database Management

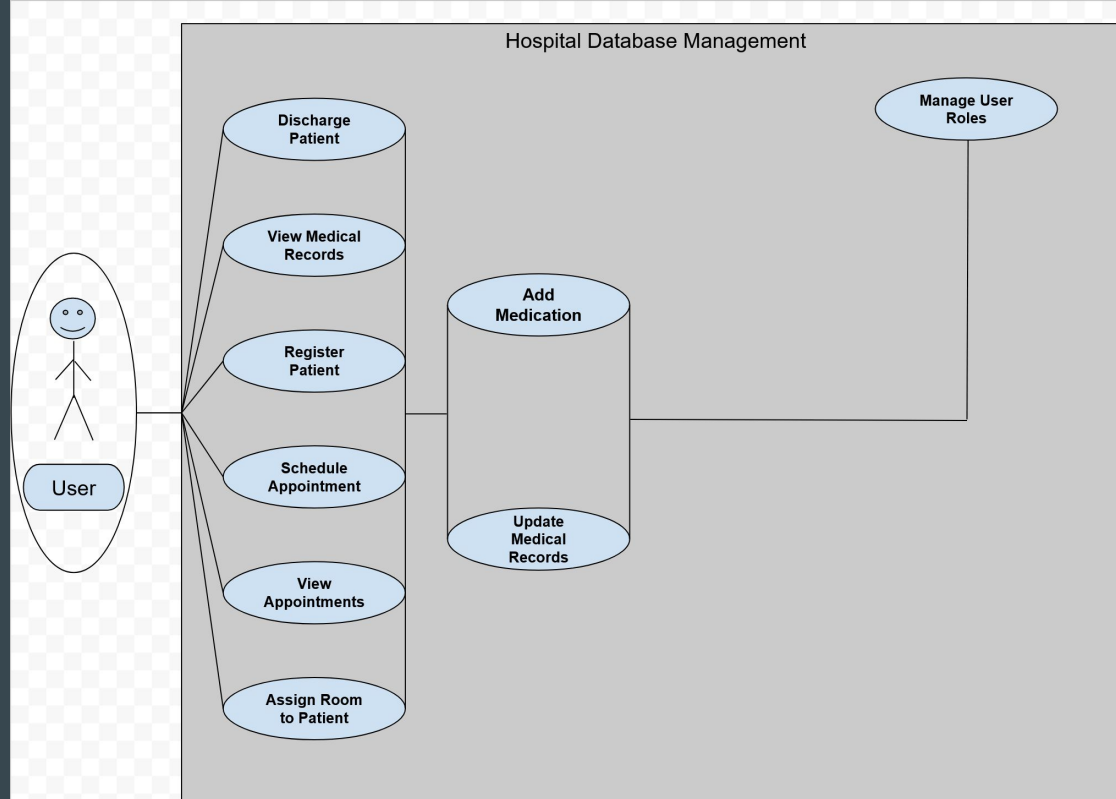


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System Description

- Our project is a simple hospital database management system.
- “Doctors” or “Nurses” can look up patient information or other relevant information needed such as medications or room numbers.
- The user has access to everything.
- The user will have a simple GUI (in this case tkinter) where they can enter any information needed to enter.

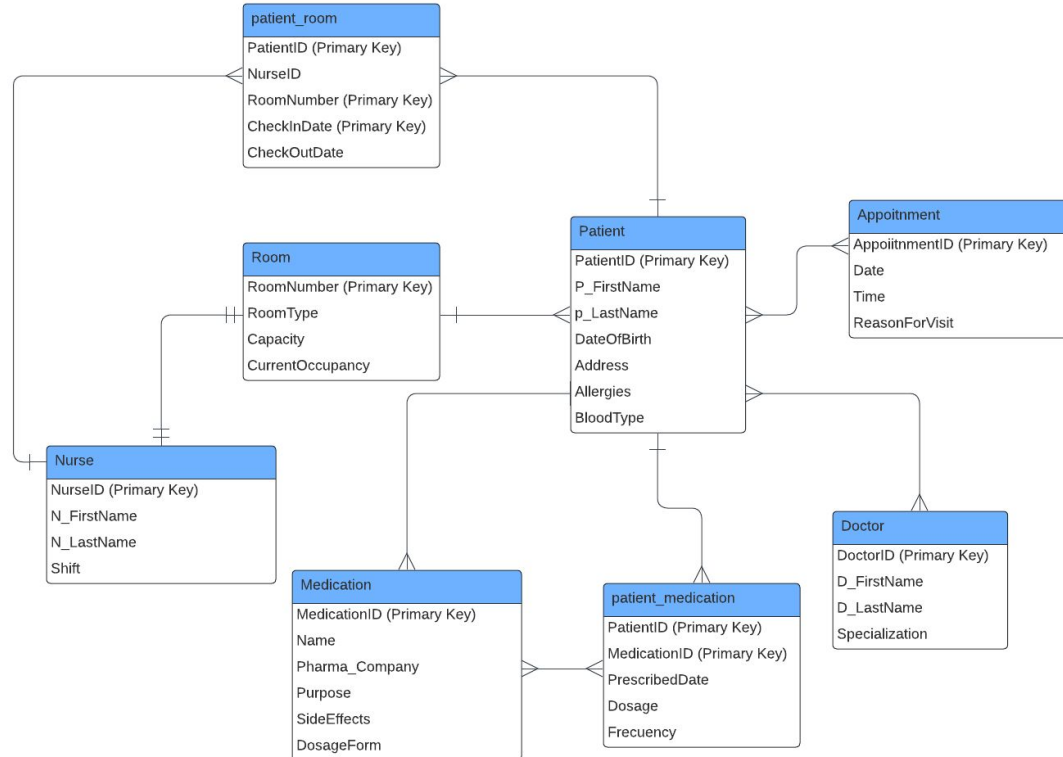
Use Case Diagram



Use Case Description

- Search patients
- Add new patients
- Make appointments
- Update appointments
- Search appointments
- Display rooms/empty/occupied

E/R Diagram / Relational Schema



Implementation Details

- We used a simple Python GUI, CustomTkinter
- Tkinter is a standard GUI tool used for python
 - With customTkinter, it provides tkinter a more modern look
- We are working in sqlite for our database.
- We used the CustomTkinter library and carefully structured the UI components. We aimed to create an intuitive and aesthetically pleasing user interface for the hospital management system

Github Repository

<https://github.com/AlbertoG4/CSE-111-Hospital-Database>