

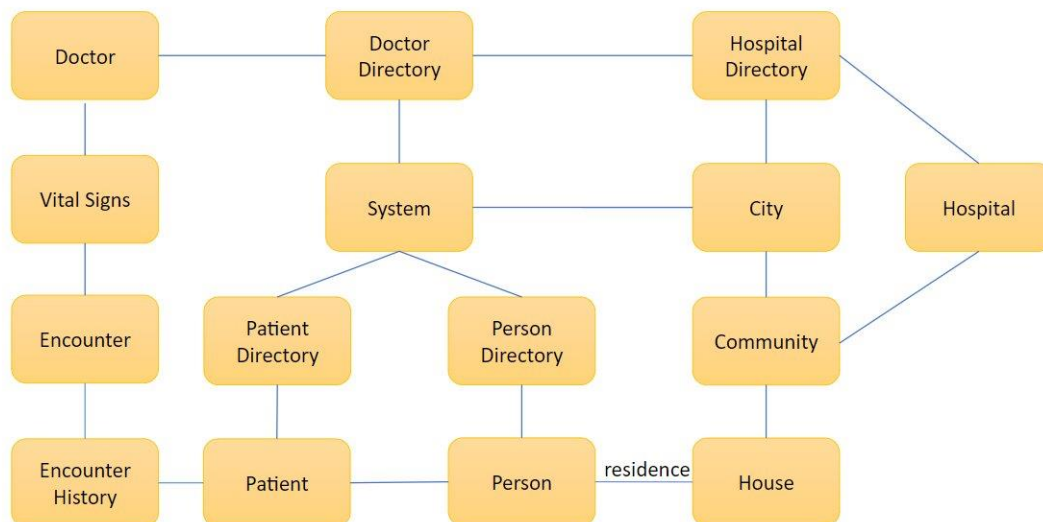
# Assignment 2

Individual Assignment - Deadline: 2022/10/30

## Context

This application is a platform for people to find medical resource in different city and community.

Encounter represent a visit to the doctor's office. The vital signs timeline is linked to the encounters. Each Encounter will have a single Vital Sign component.



## Requirement

- Implement an application based on the given model with Java swing.
  - Patients are able to look for a doctor under the near hospitals
  - Doctors are able to diagnose and leave encounter record based on vital signs
  - Community admins are able to modify the information under a community
  - System admin should have all access(CRUD) to all resources in this application
- You're free to have extension design based on the given model, but you're not allowed to delete any element in the model.
- Your application is required to manage user data(CRUD).  
FYI:<https://www.codecademy.com/articles/what-is-crud>
- UI&UX will be considered as a part of grade.
- Data validation(Non-null check, basic data type check)
- Design different roles of users in this application:(System administrator, patient, hospital administrator, community administrator, etc)
- Draw a class diagram and sequence diagram and write the description of your project. Put them in your README file.