CS252 OO Analysis and Design
Charlie Treat(individual)

Hospital

Within a hospital, there are a number of different layers of information that help facilitate patient treatment and the administration of healthcare. The patients information and treatment needs must be tracked so that their nurses and doctors can better treat their symptoms and ailments. In the context of Object oriented analysis and design, I hope to create a project that visualizes and implements the interlocking mechanisms within a hospital so as to better understand the nature of a hospital's operations.

My focuses/Methods

- hospital as an overarching parent object will contain doctors, departments, patients, and nurses as well as administrative staff
- Map out the interactions between various groups (ex. Where a nurse is assigned, where patients stay, doctors operate on patients etc.)
- Visualize interactions as use cases
- Track hospital carrying capacity
- Possibly cost analysis?

My timeline

4/7 initial project proposal presentation
4/9 complete interview w/ sister(nurse) and create problem statement
4/15 create class diagram