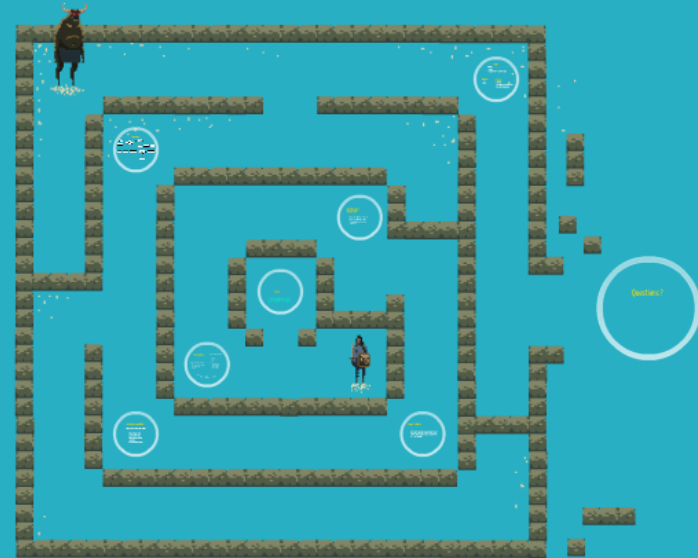


hello ryan.
we've been expecting you.

Rocksoft City Hospital Simulation

Ryan B
Ankit A
Chloe U
David D
Rendall C



Rocksoft City Hospital Simulation

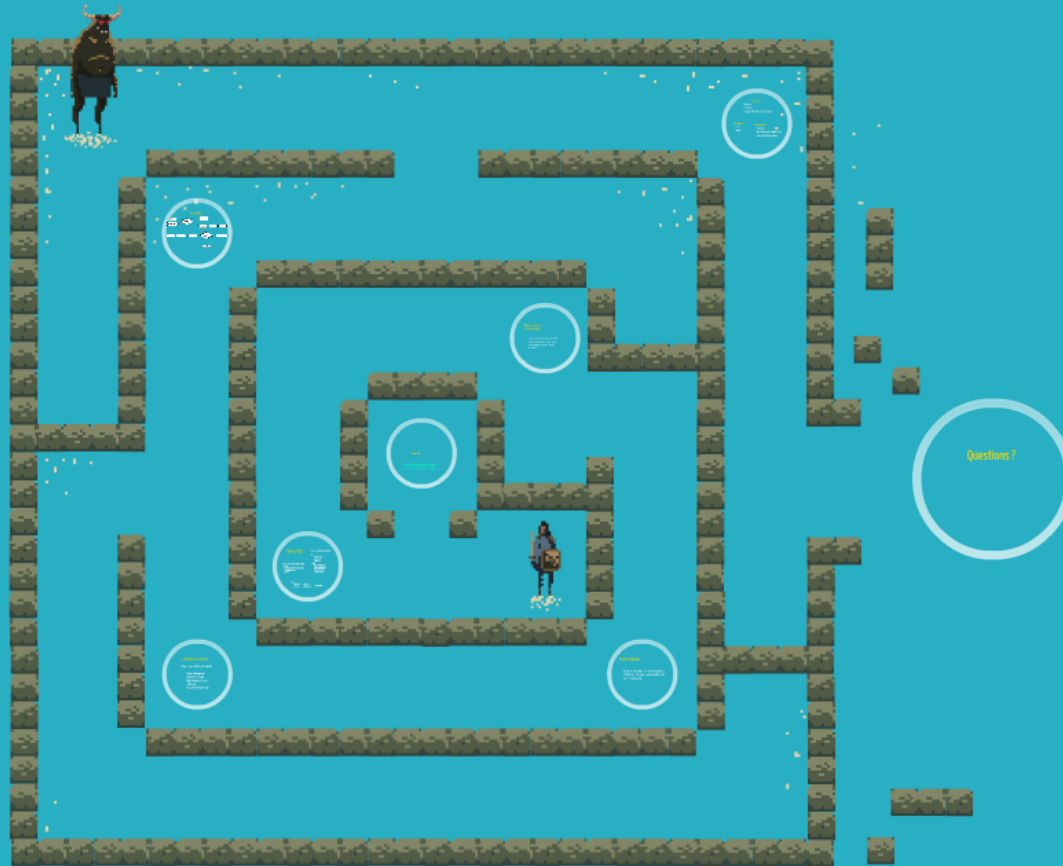
Ryan B

Ankit A

Chloe U

David D

Rendall C



Overview

Rocksoft is a non-profit city hospital who is interested in analyzing the hospital system and making recommended improvements, based on advice from us.

The Facility

There are 4 departments in the hospital:

- the ED
- the Diagnostic Imaging department
- The Diagnostics Lab
- Surgery

There are 2 main types of patients:

ED

- Moderate - ED
- Serious - ED
- Critical - ED

Non-ED

- Inpatient Diagnostic
- Outpatient Diagnostic
- Emergency Surgery
- Scheduled Surgery

Staff:

- ED Doctors
- Lab Tech
- ED Nurses
- Imaging Tech
- Registration

Things that do not fit into basic models

Using data from different days of the week

Using data from different times of the day

Creating priorities for patient selection
and treatment

Project Viability

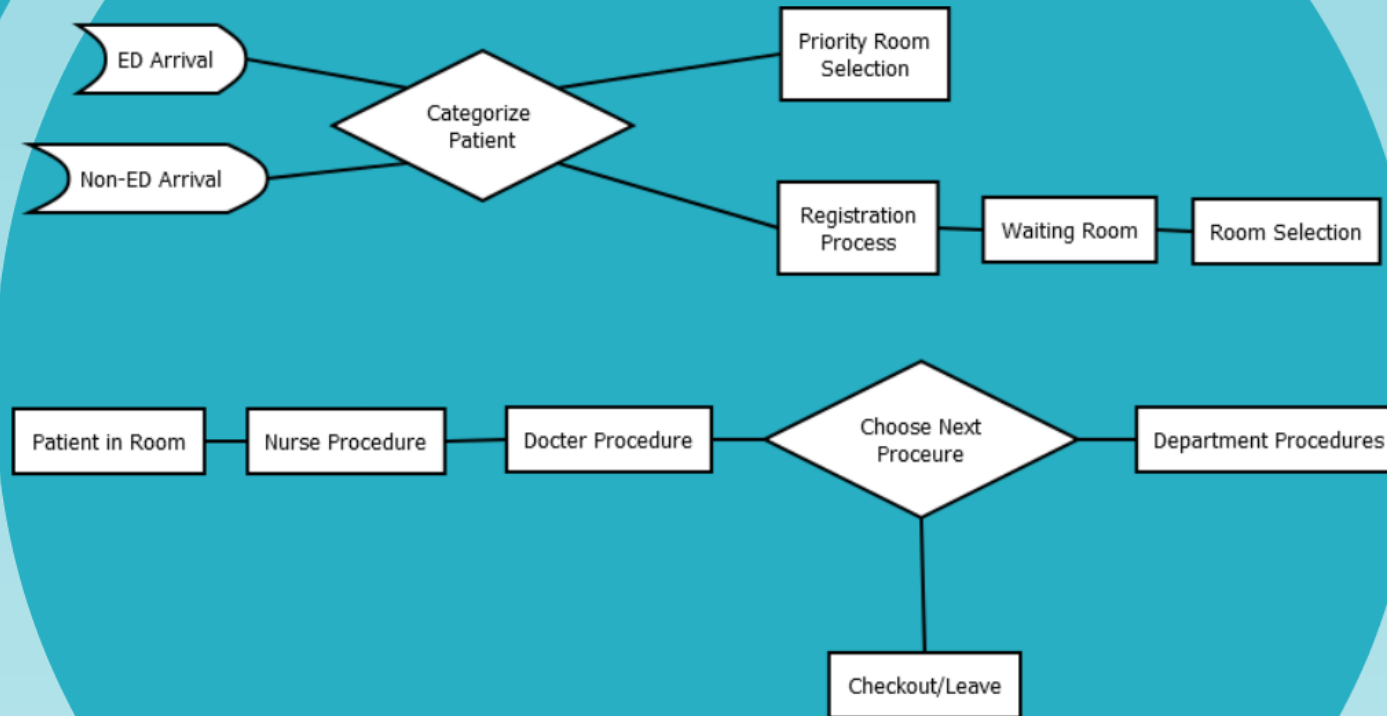
Based on the amount of information given, it is likely that the project can be completed in a 2 - 3 week period

Team Member Responsibilities

Project tasks will be split equally.

Project Management
Experiment Design
Model implementation
Animation
Research and Reporting

Basic Model



Entities

Patients:

- Arrival
- Hospital Size Vrs. Entity Count

Resources

Staff
Rooms

Procedures

- check in
- procedures per department
- room arrival procedure

Questions ?