Health Clinical System COMP308 Group Project

Professor: [Manyakin, Konstantin](javascript://)

Zhaobin Bu(300937428)

Aaqil Shaikh(300934038)

Nigel Diaz(300996286)

Joshua Tome (301019504)

2021/4/3

Team work:

Zhaobin Bu:

Business and Requirements Analysis and Design

Aaqil Shaikh:

Database Models design and implementation

Nigel Diaz:

Back End / Front-End/ REACT AI/ Youtube

Joshua Tome:

Testing / Code Organization

Zhaobin Bu:

Documentation

Aaqil Shaikh:

project analysis and design

Nigel Diaz:

Back End / Front-End/Diagram

Joshua Tome:

Sign up and log in

**Project Architecture and Technology**

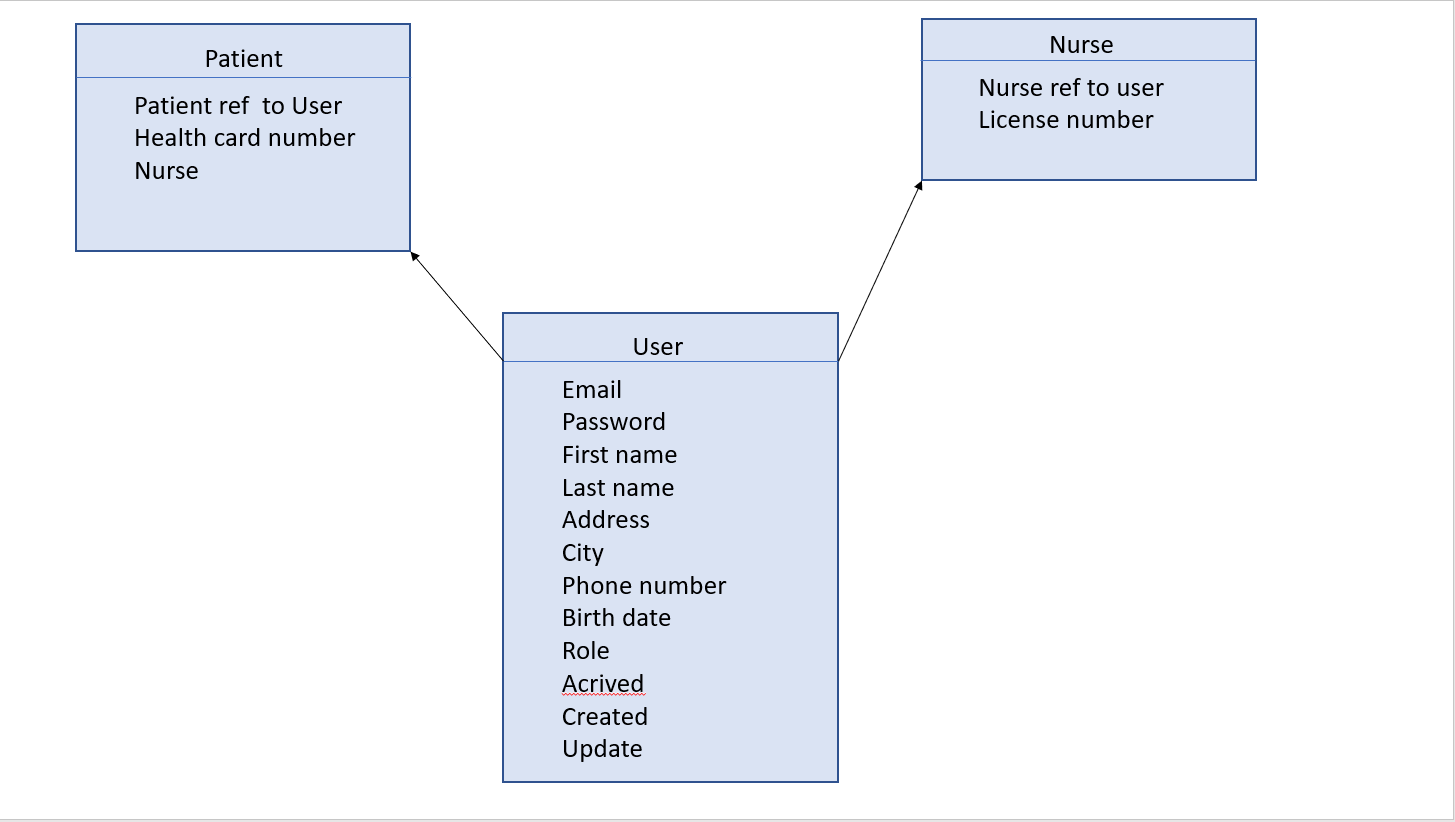
• Back-end: NODE.JS / MONGODB / EXPRESS

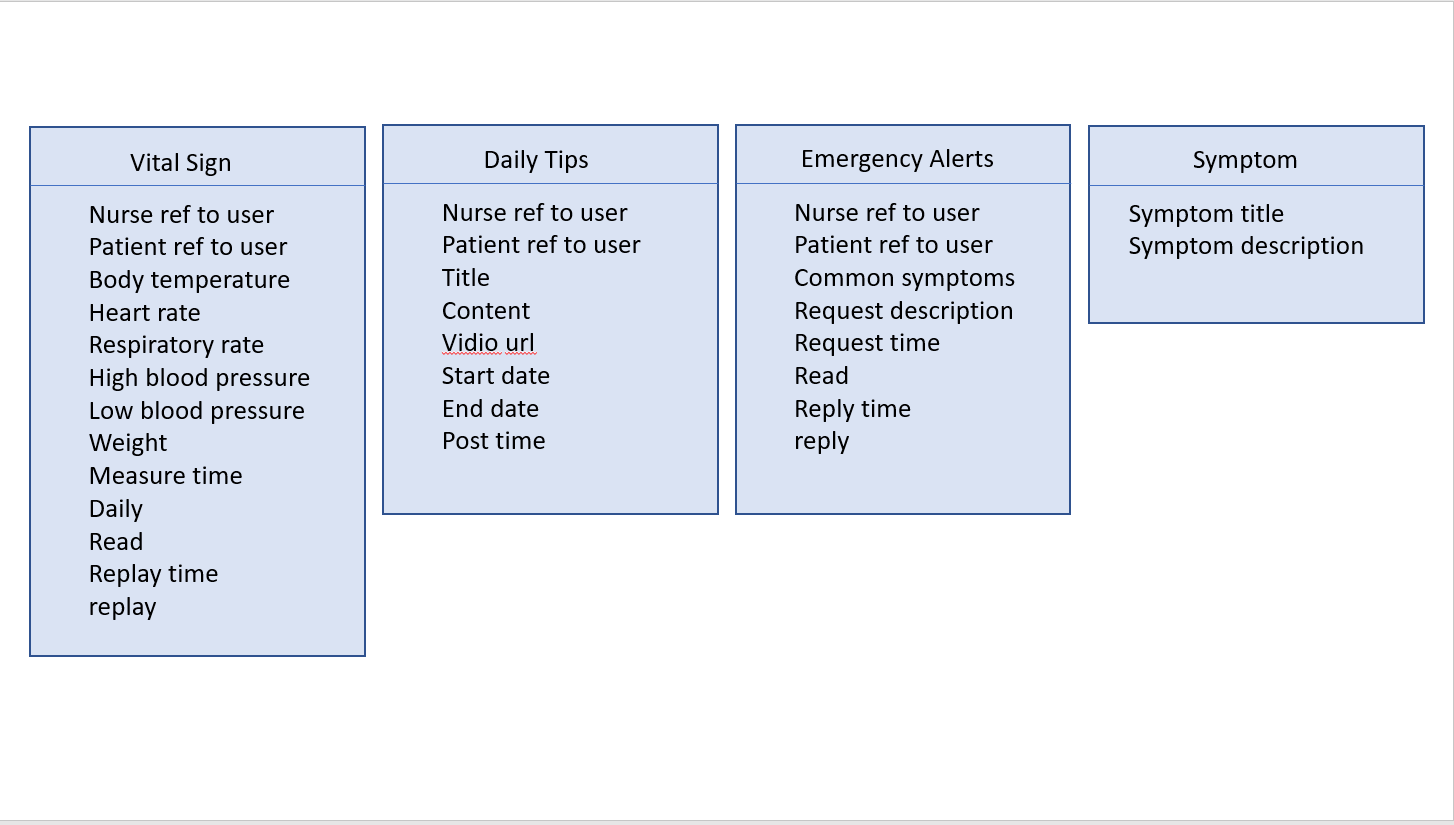
• Front-end : REACT

• AI- Tensorflow

• Creative: Youtube framework, Diagram

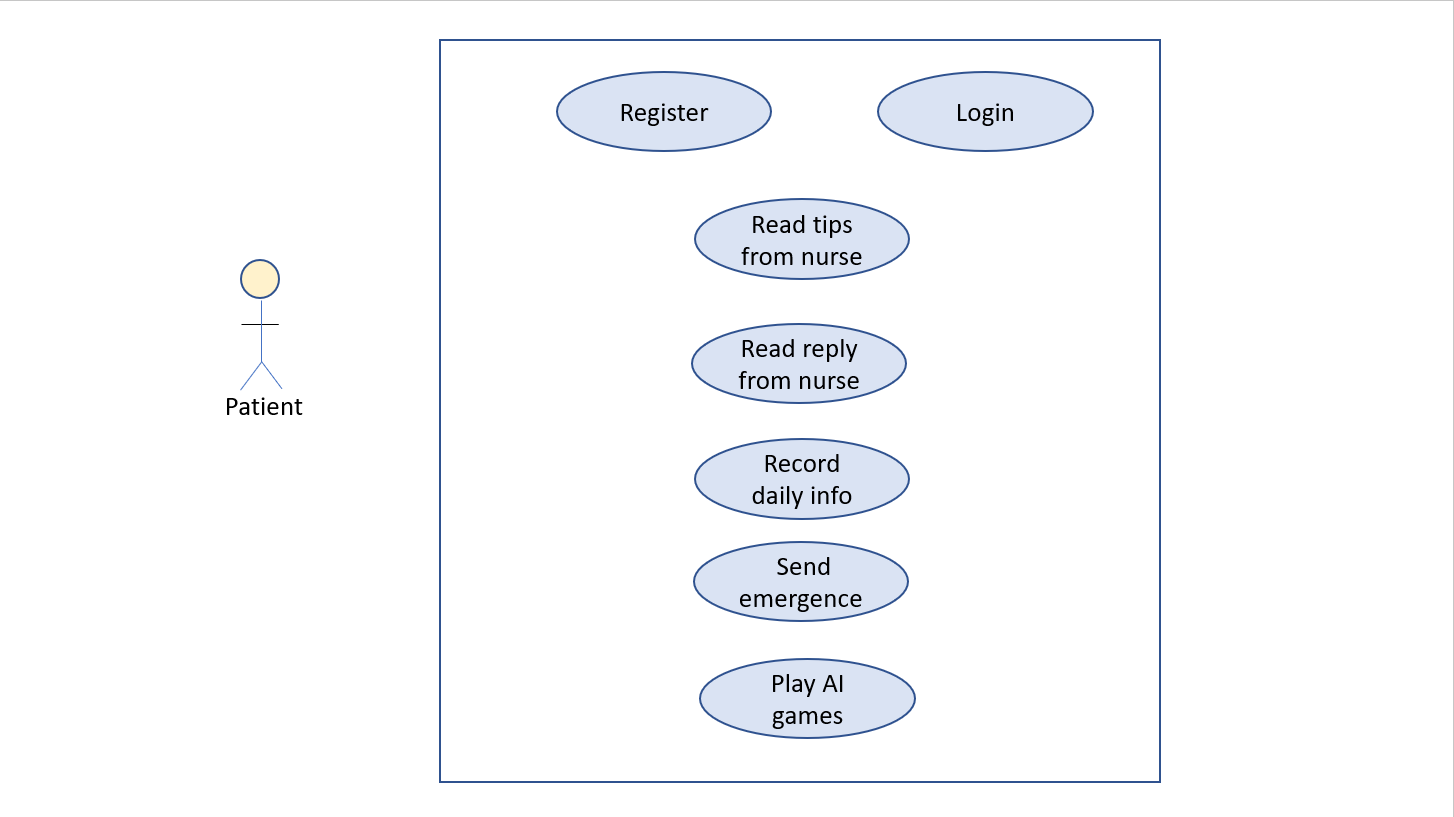
**Data Structure**

****

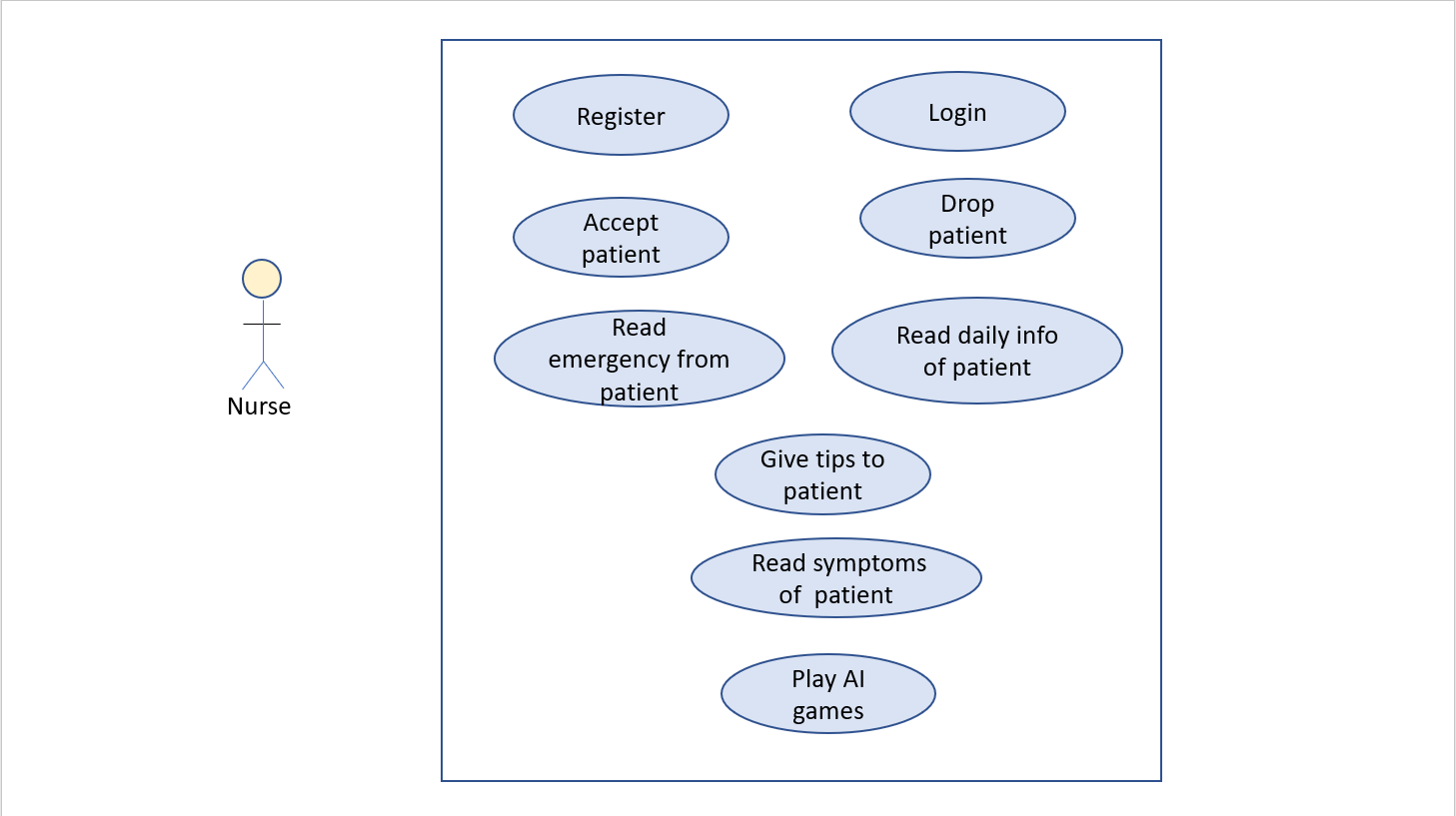
****

**Use cases**

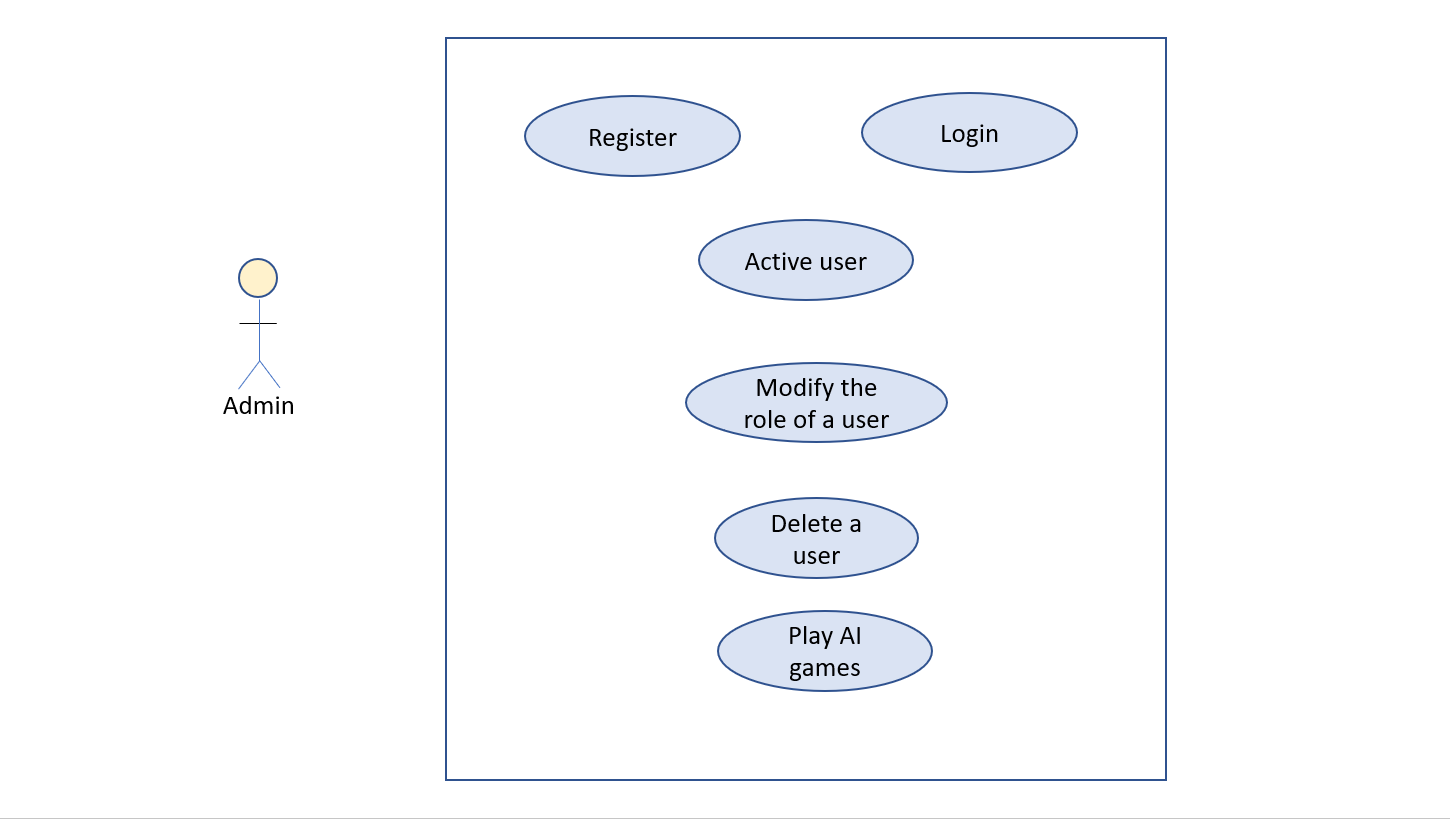
**Patient use cases**

****

**Nurse use cases**

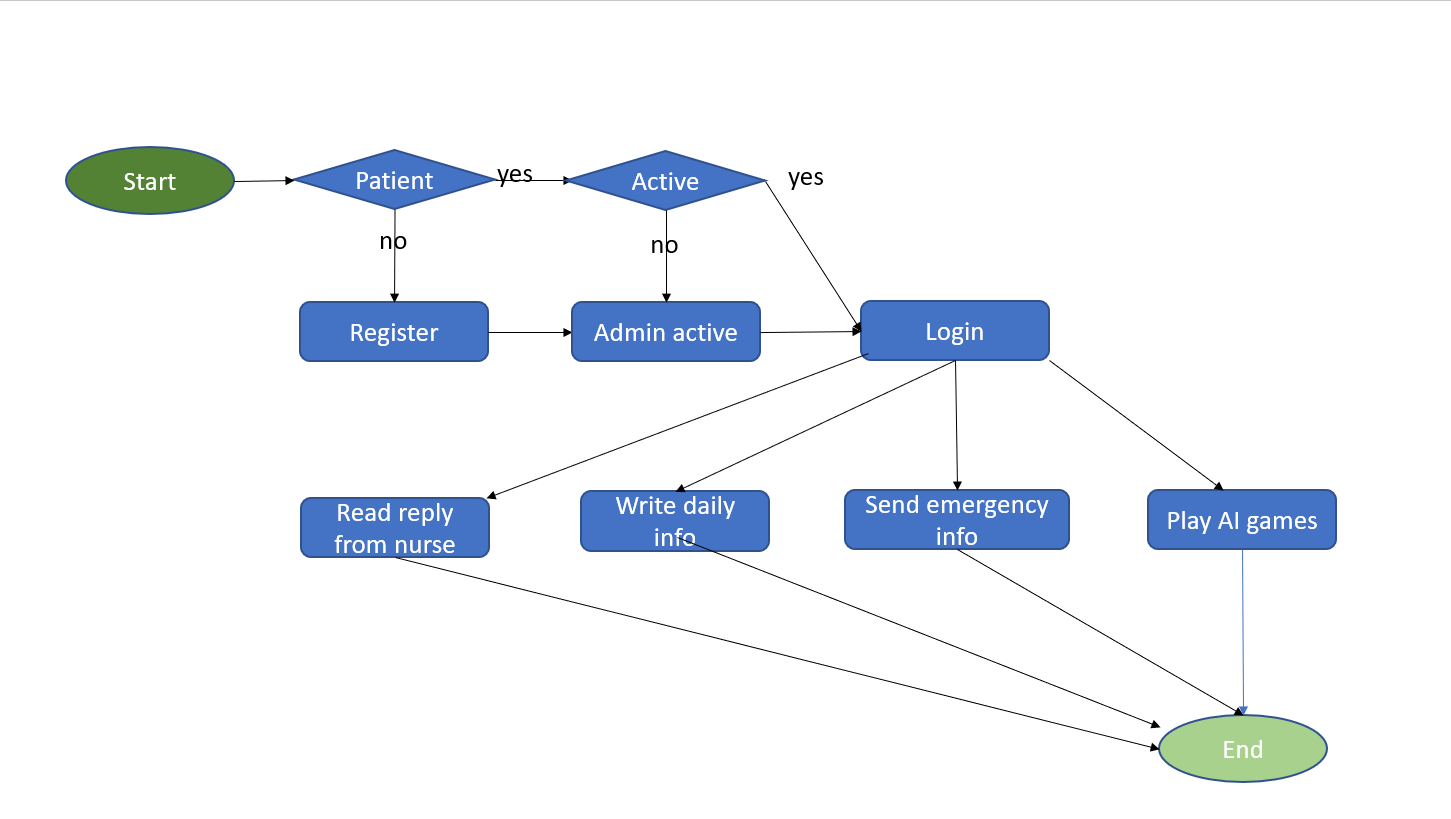
****

**Administrator use cases**

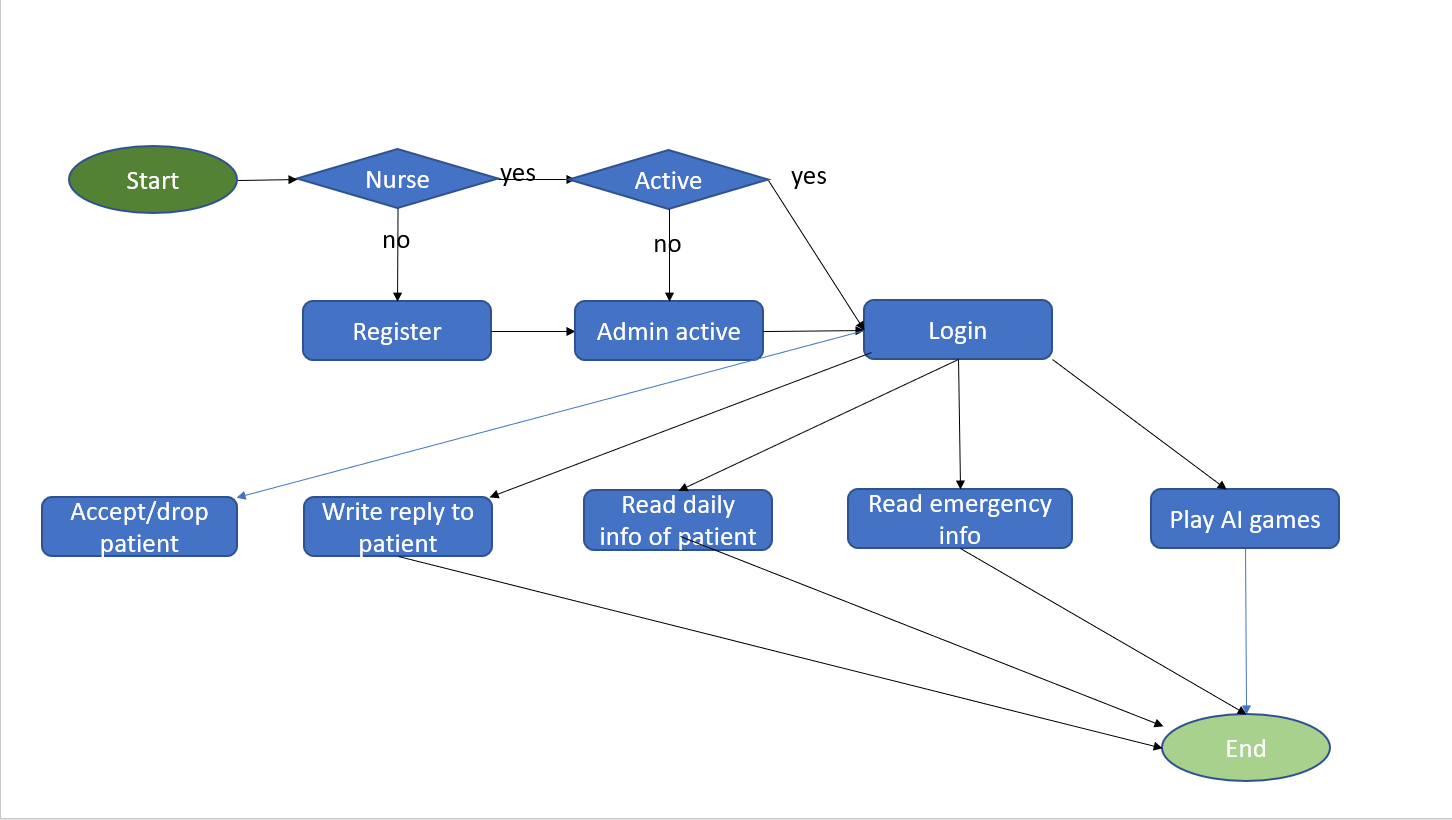
****

**Flow Charts**

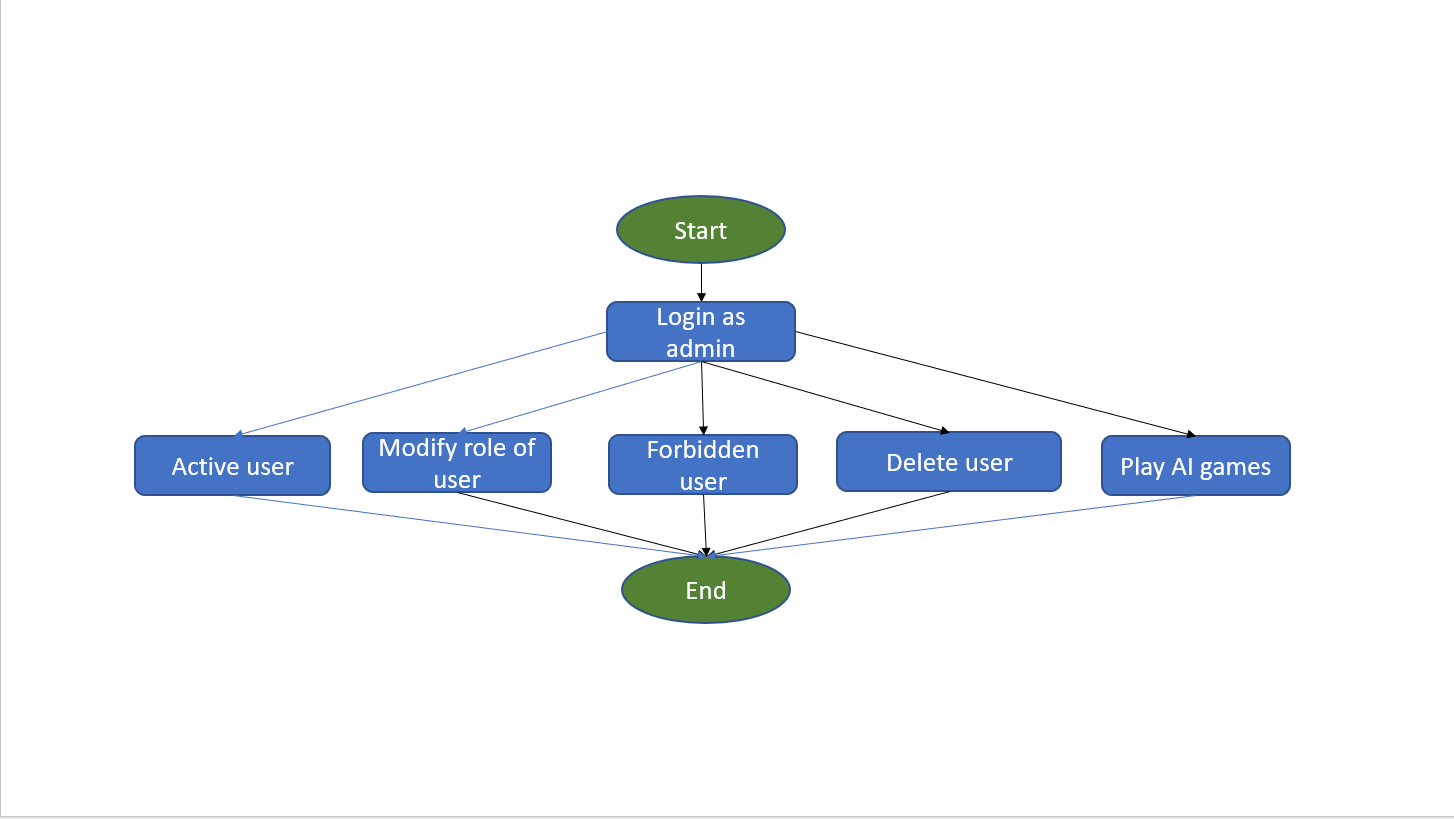
**Patient work flow**

****

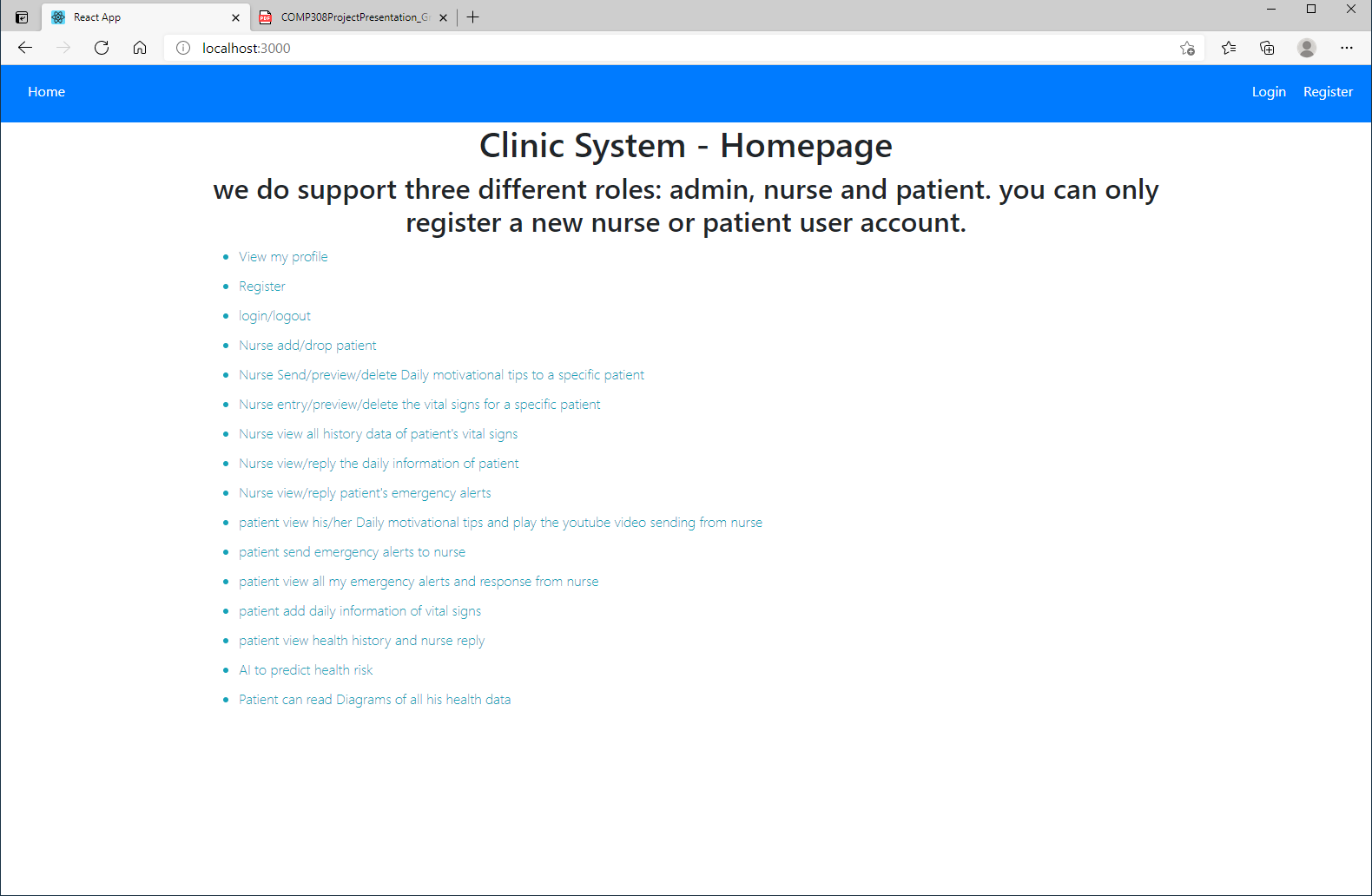
**Nurse work flow**

****

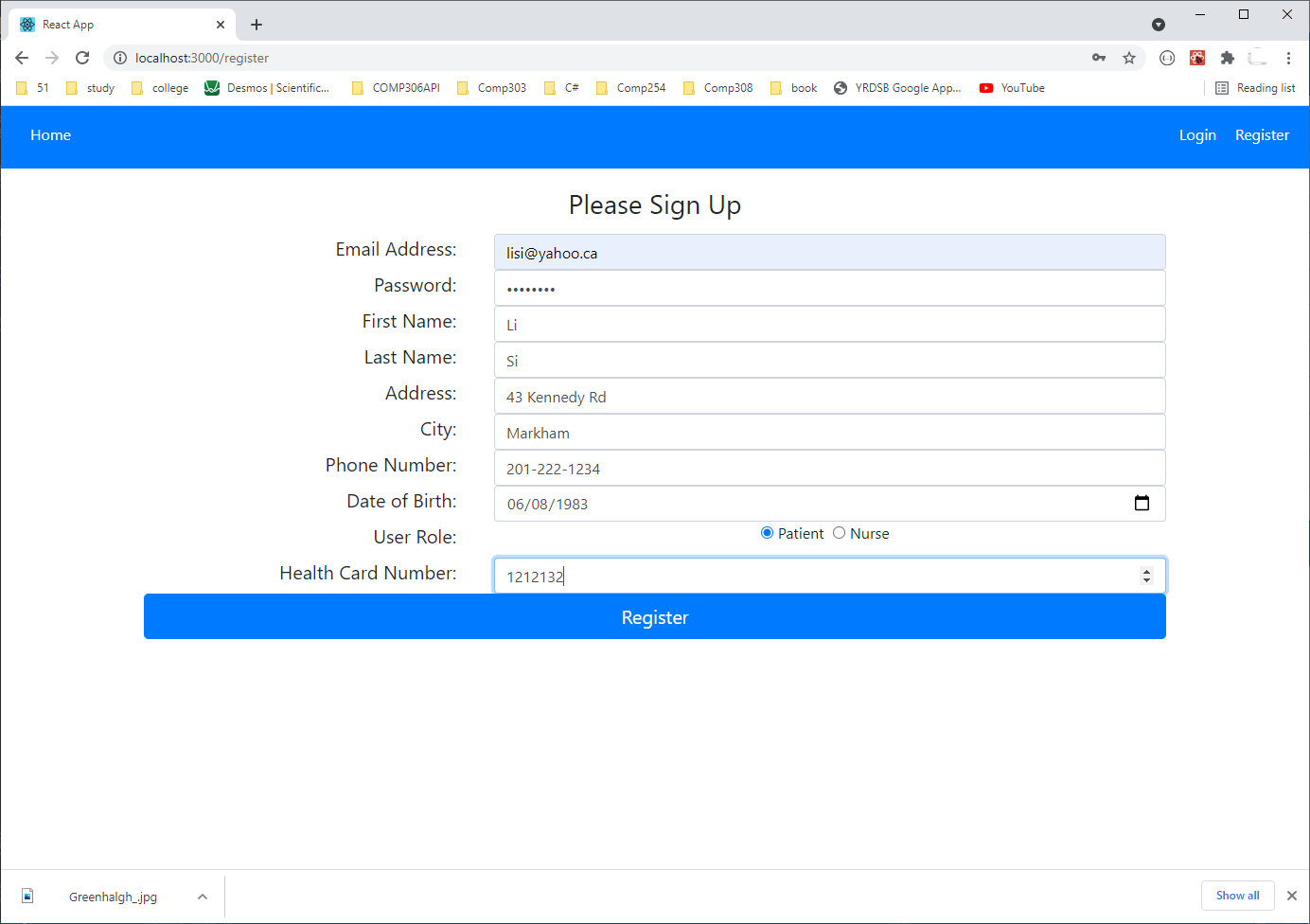
**Administrator work flow**

****

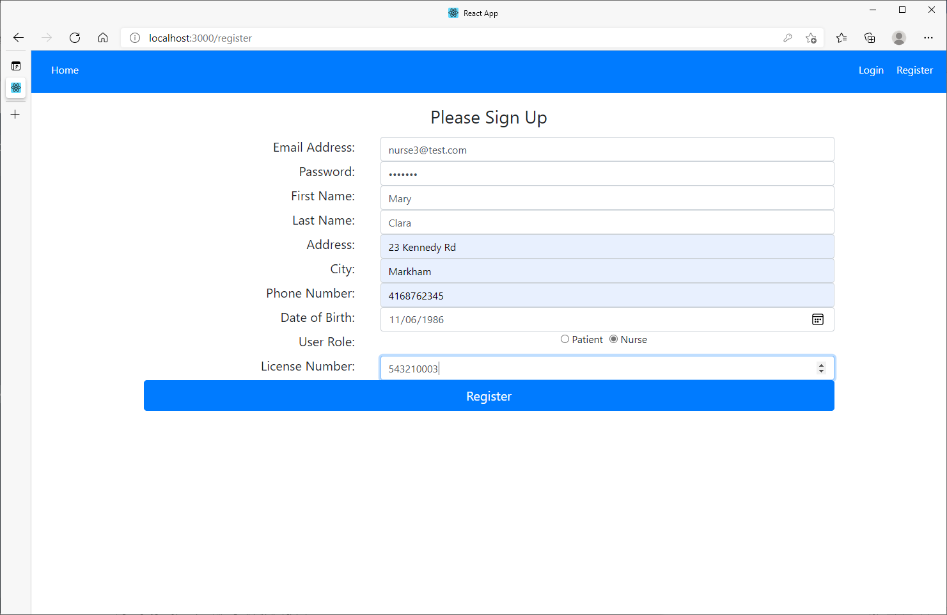
**Home Page**



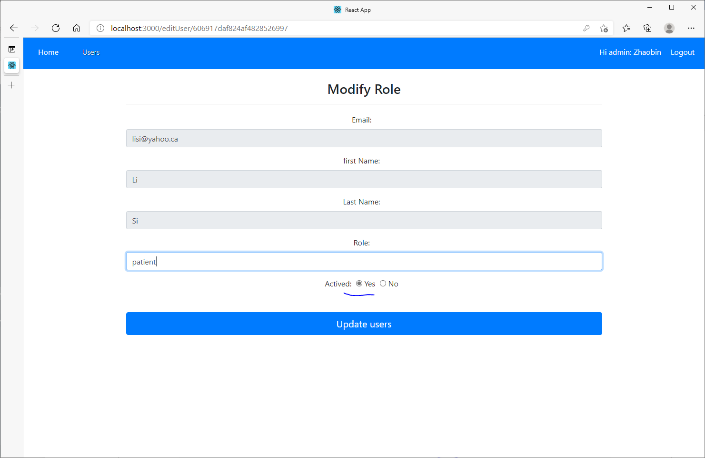
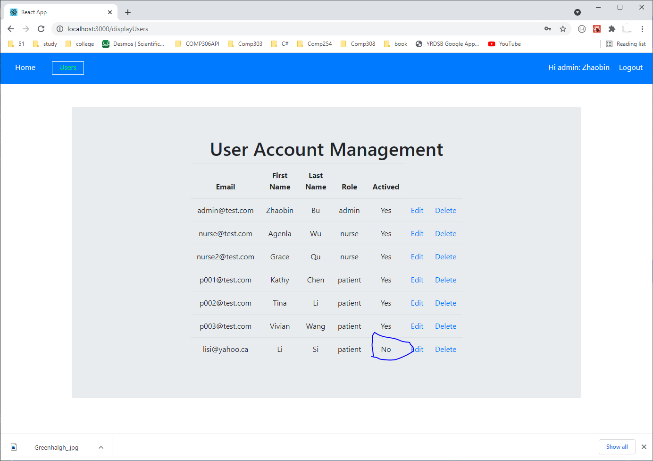
Register as a patient



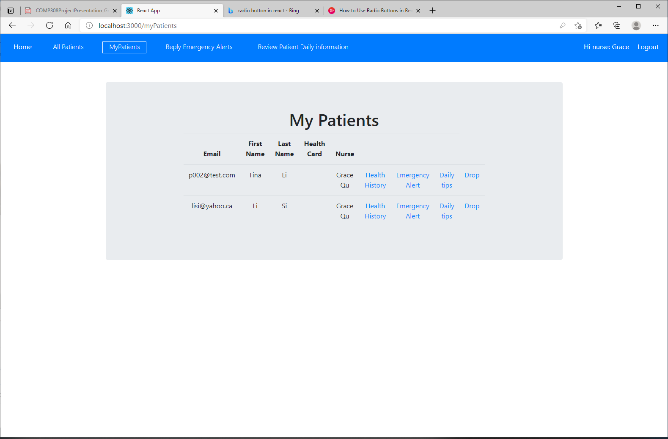
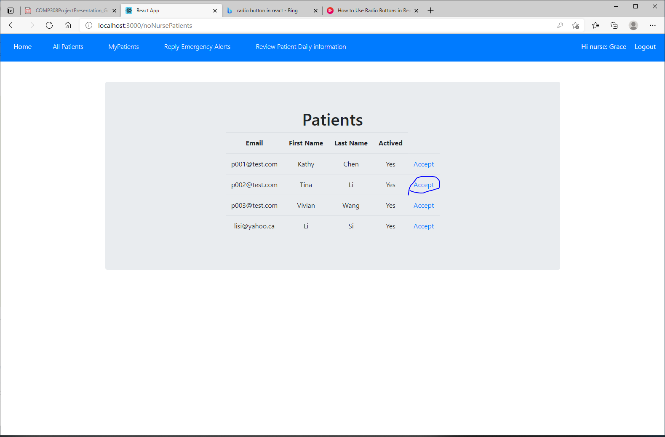
Register as a nurse



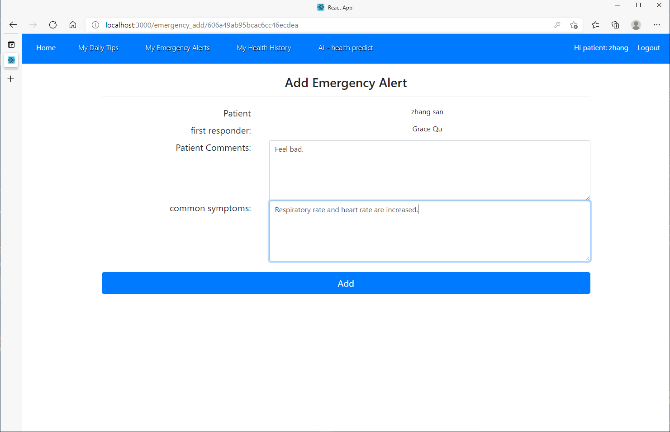
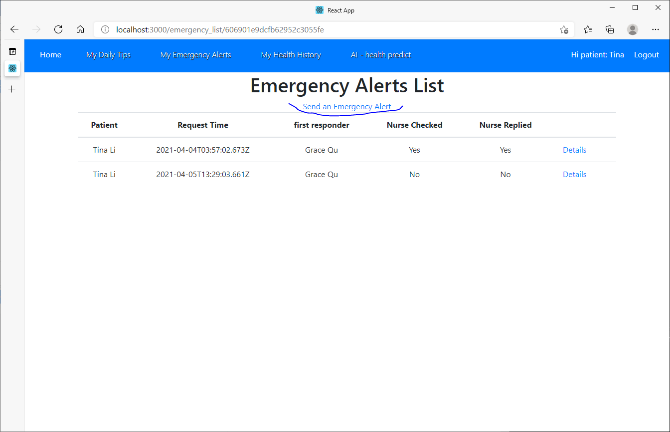
Active a user by admin

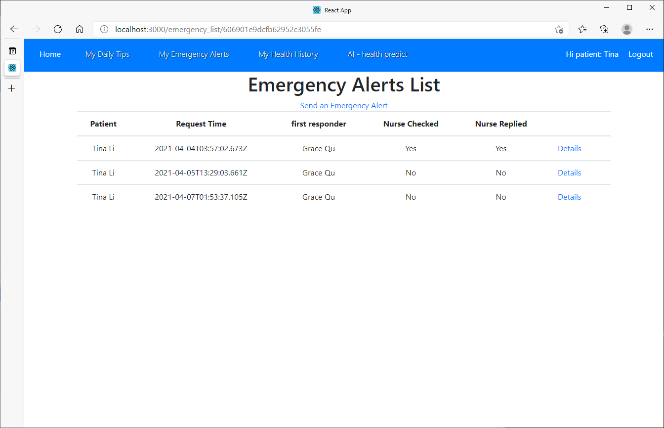


Accept a patient by a nurse

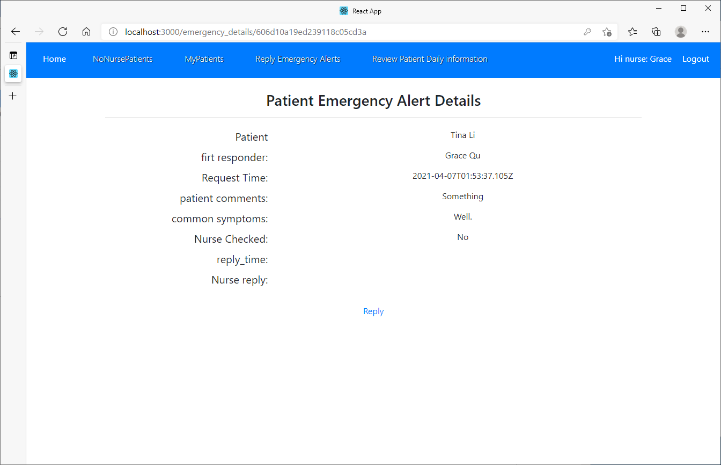
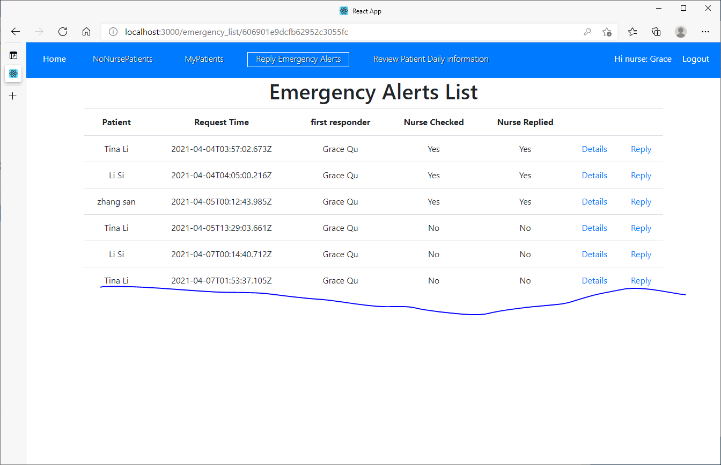


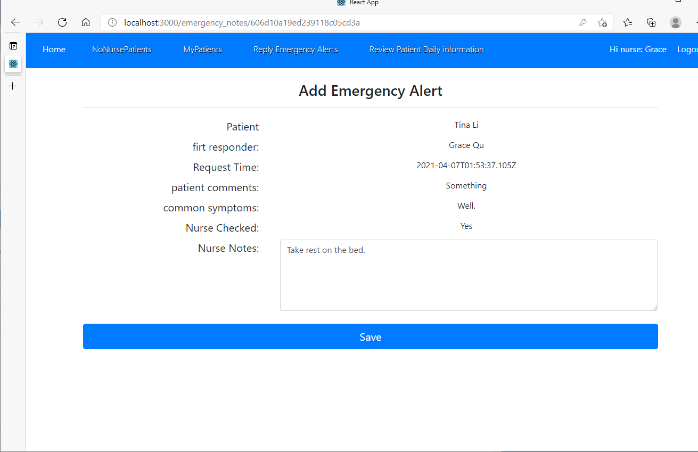
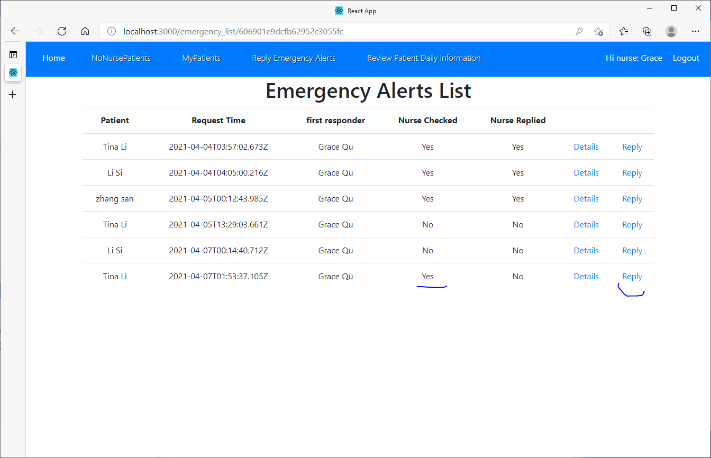
A patient creates an emergency report

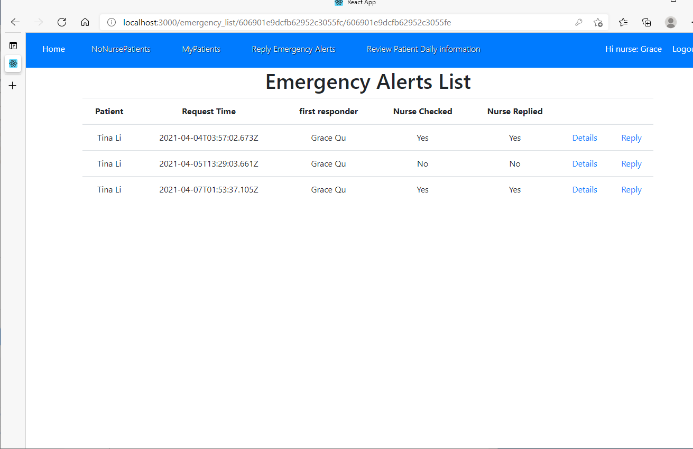




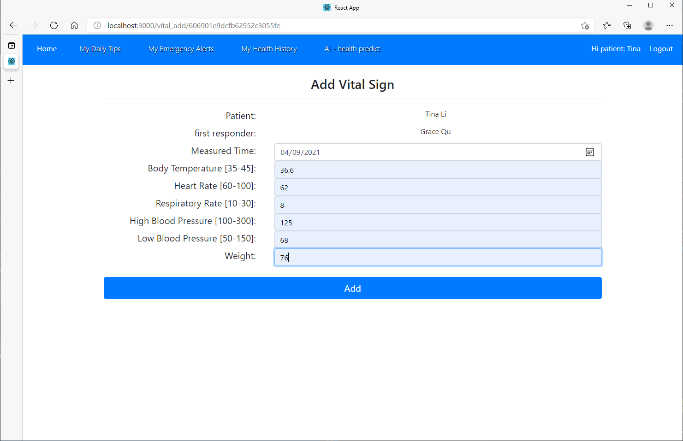
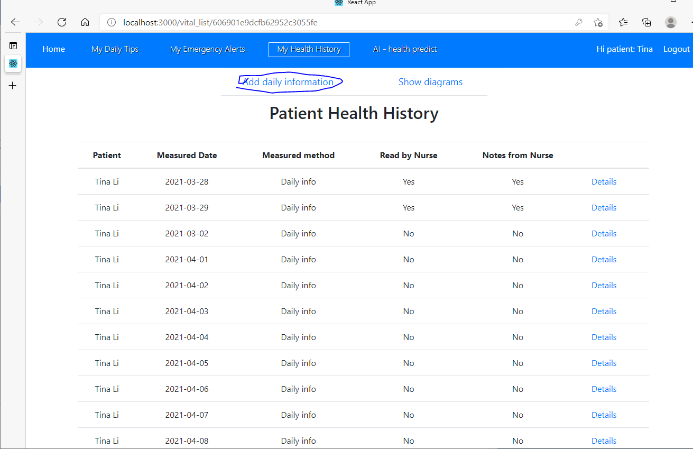
A nurse read and reply an emergency report



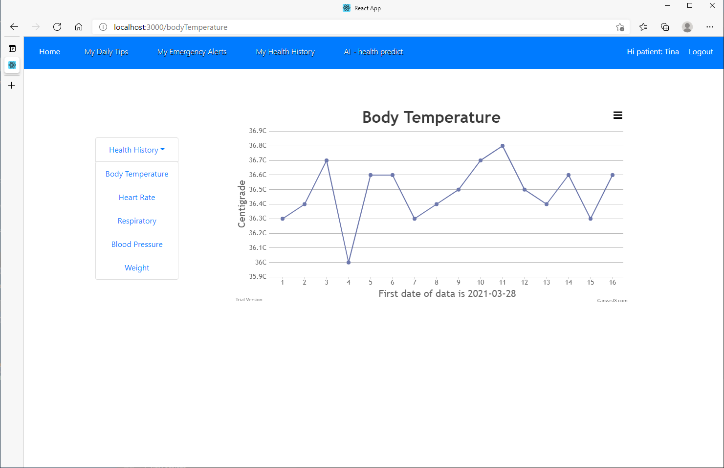
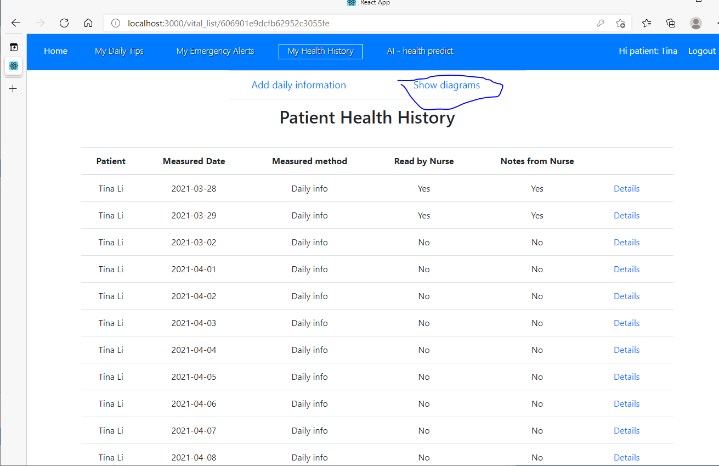


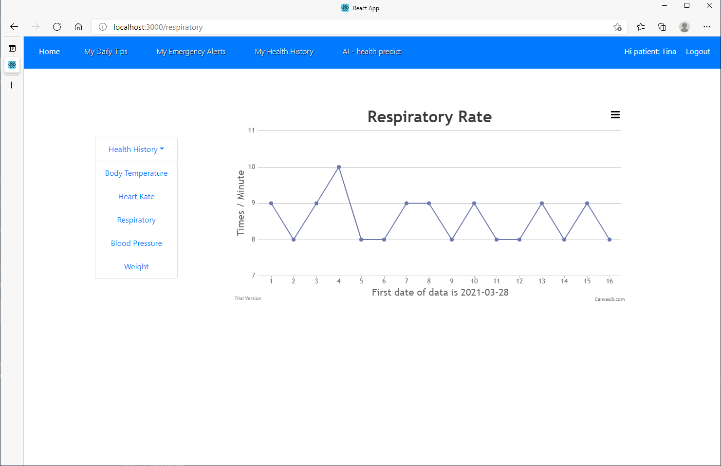


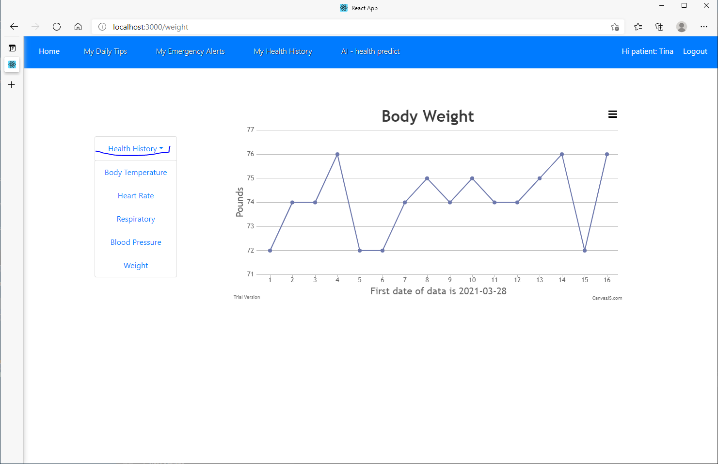
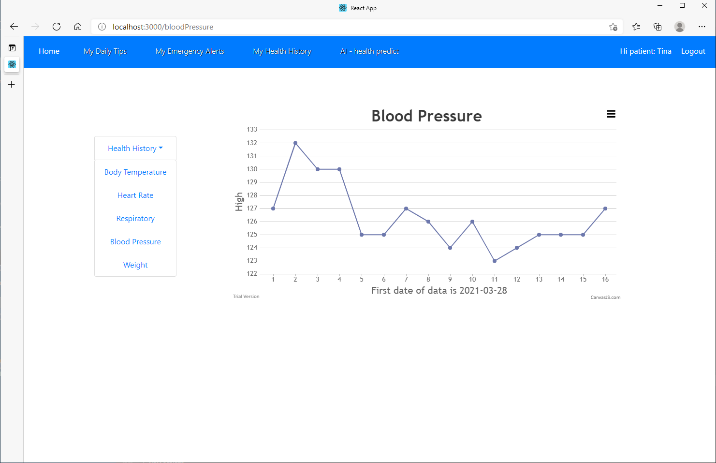
A patient creates a daily information record



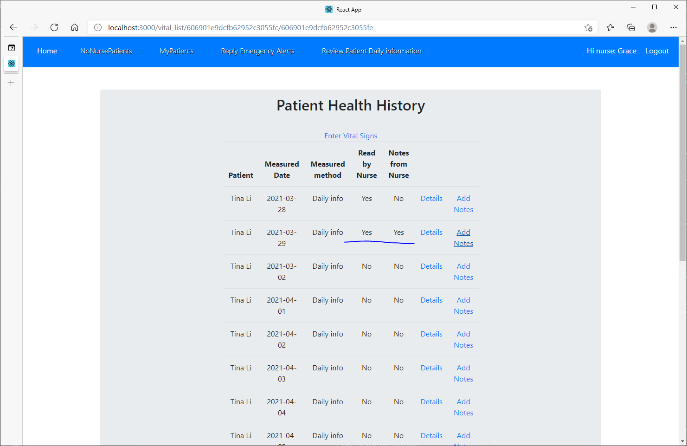
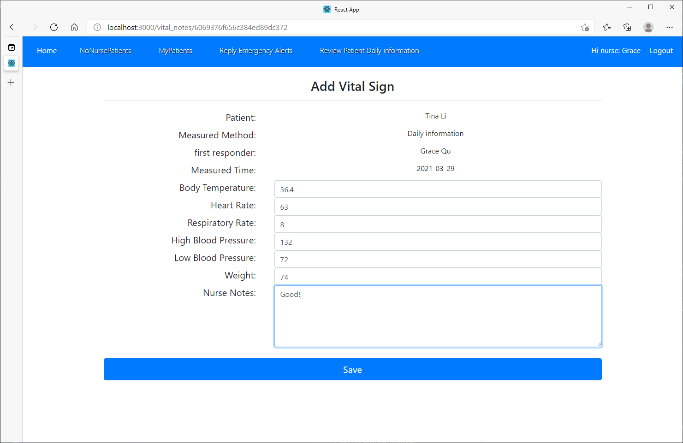
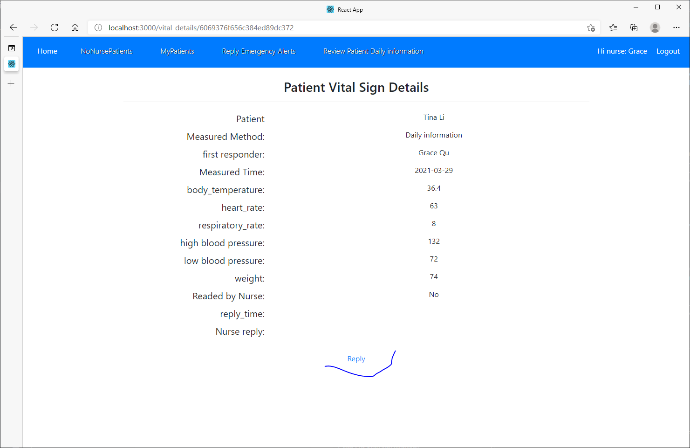
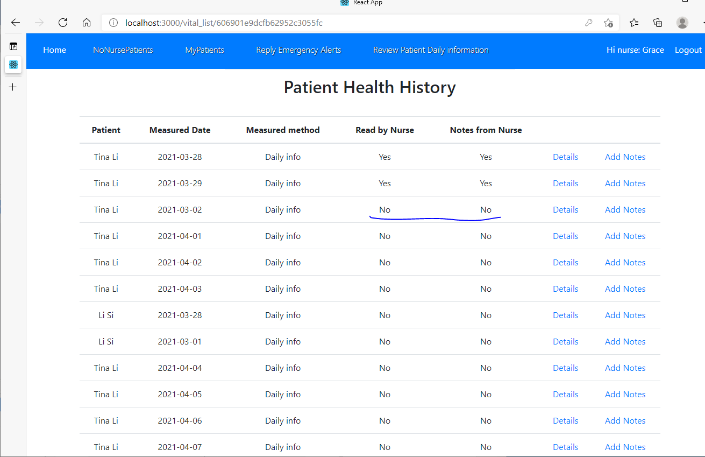
A patient checks the diagrams of health histry



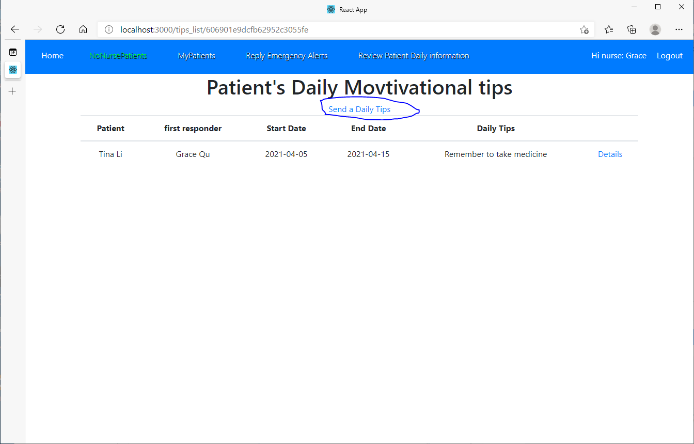
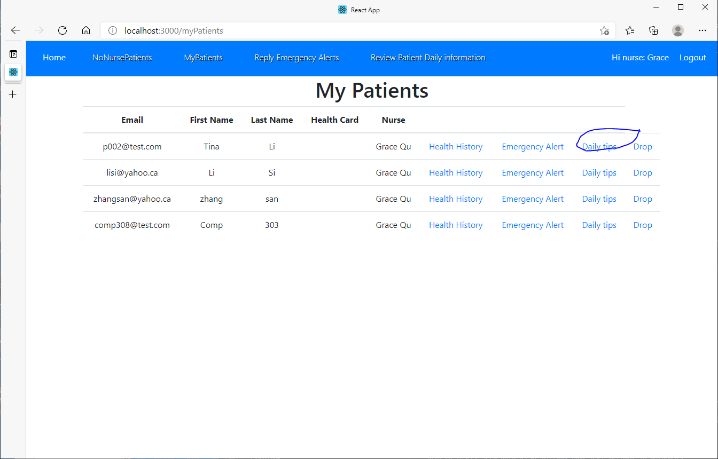


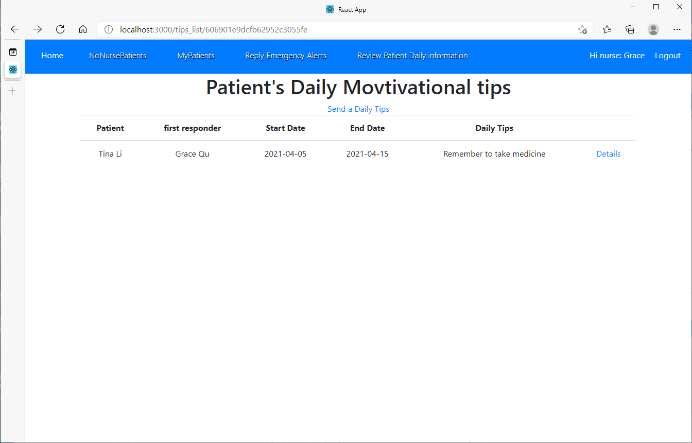
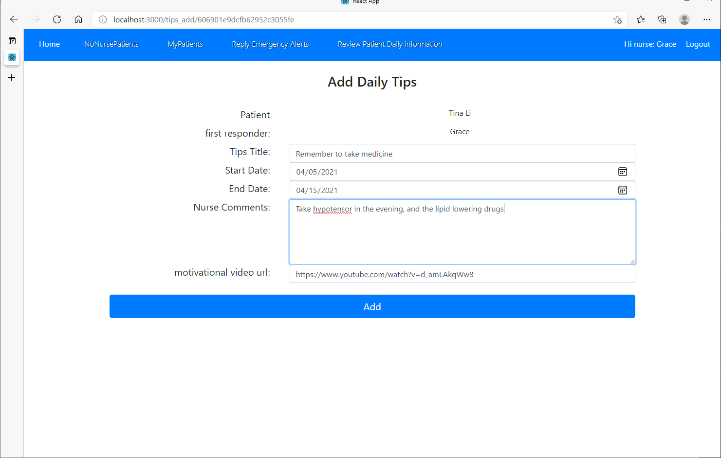


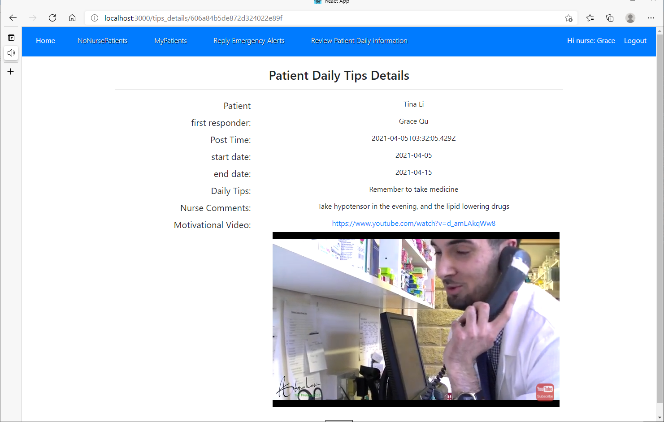
A nurse reviews and reply to a patient’s daily information



A nurse creates tips for a patient







AI game

