



Pediatric Emergency Medicine Application

Student: Peter Duarte

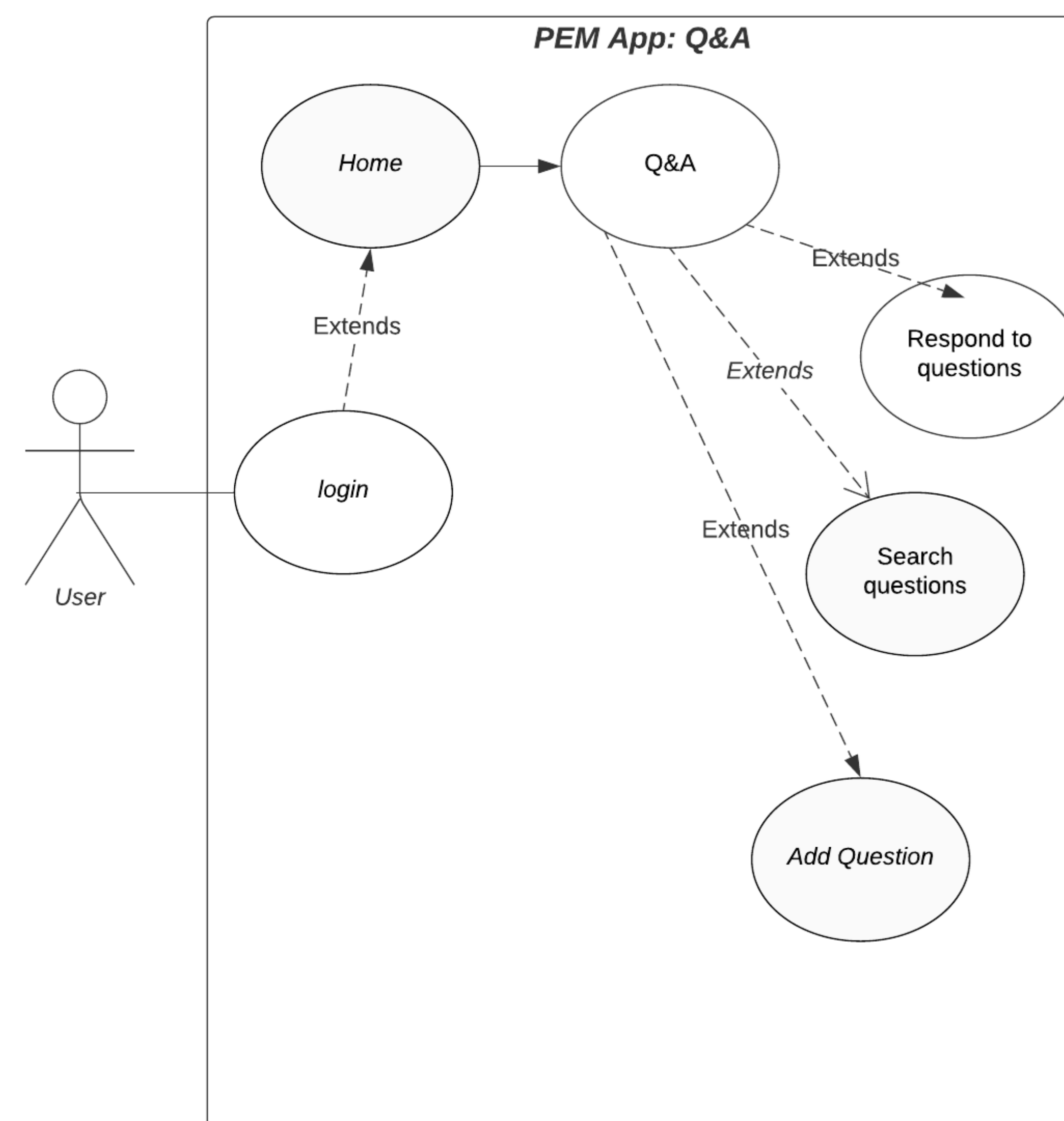
Mentor: Jean Hannan and Bruce Quinn

Instructor: Dr. Masoud Sadjadi, Florida International University

Problem

Medical Staff have a critical role in society. As we can see now with an active pandemic, they are always in the front line to serve those in need for care. This project aims to provide healthcare workers with quick and easy access to detailed information about common medical emergencies. The app also has the capability to function as a communication tool between healthcare workers. The project brings together useful information and communication tools in one single place with ease of use and reliable service.

System Design



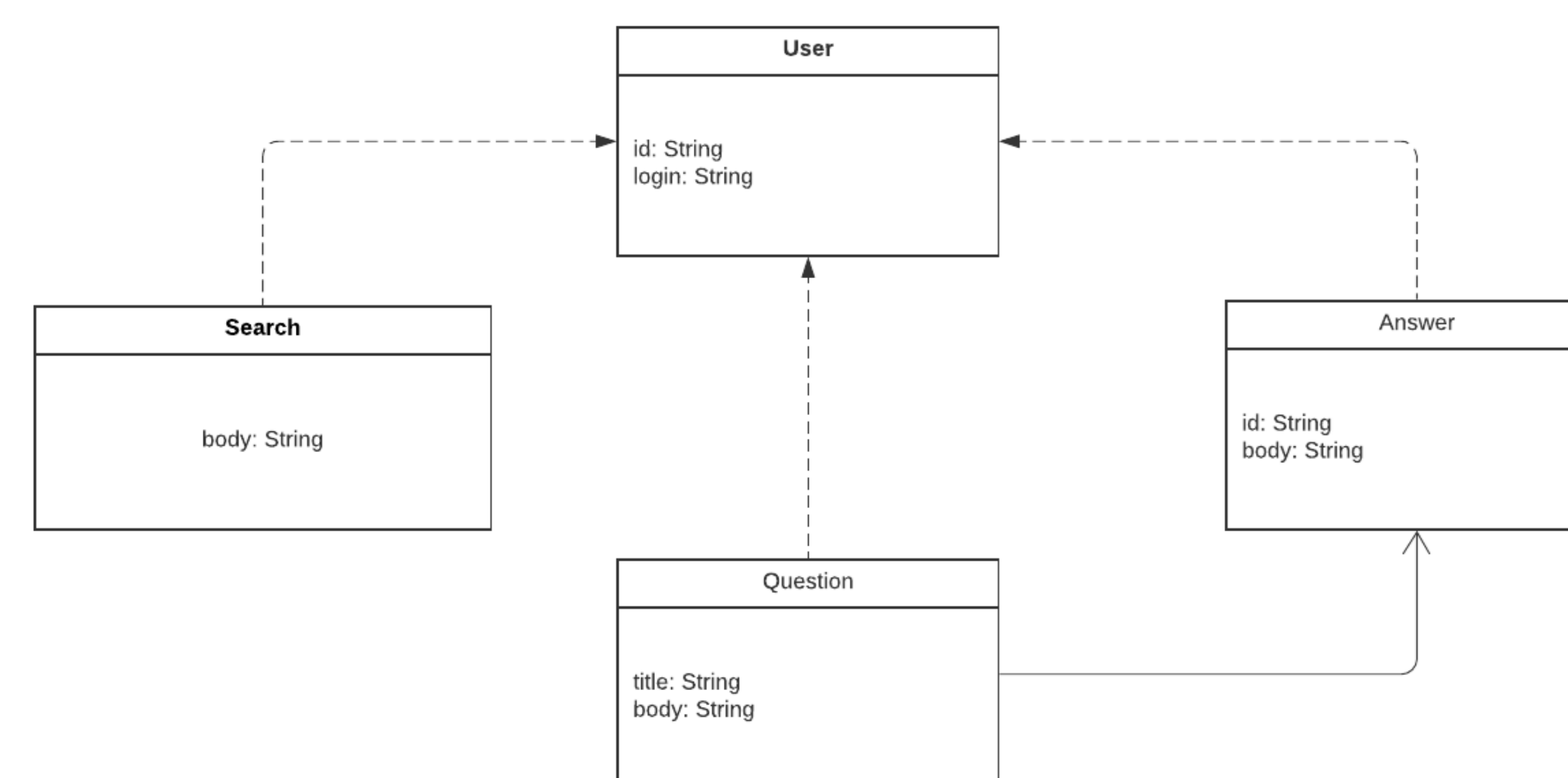
Verification

- User is able to access Q&A page from homescreen
- User is able to search for previously asked questions
- User is able to post new questions
- User is able to respond to previously asked questions

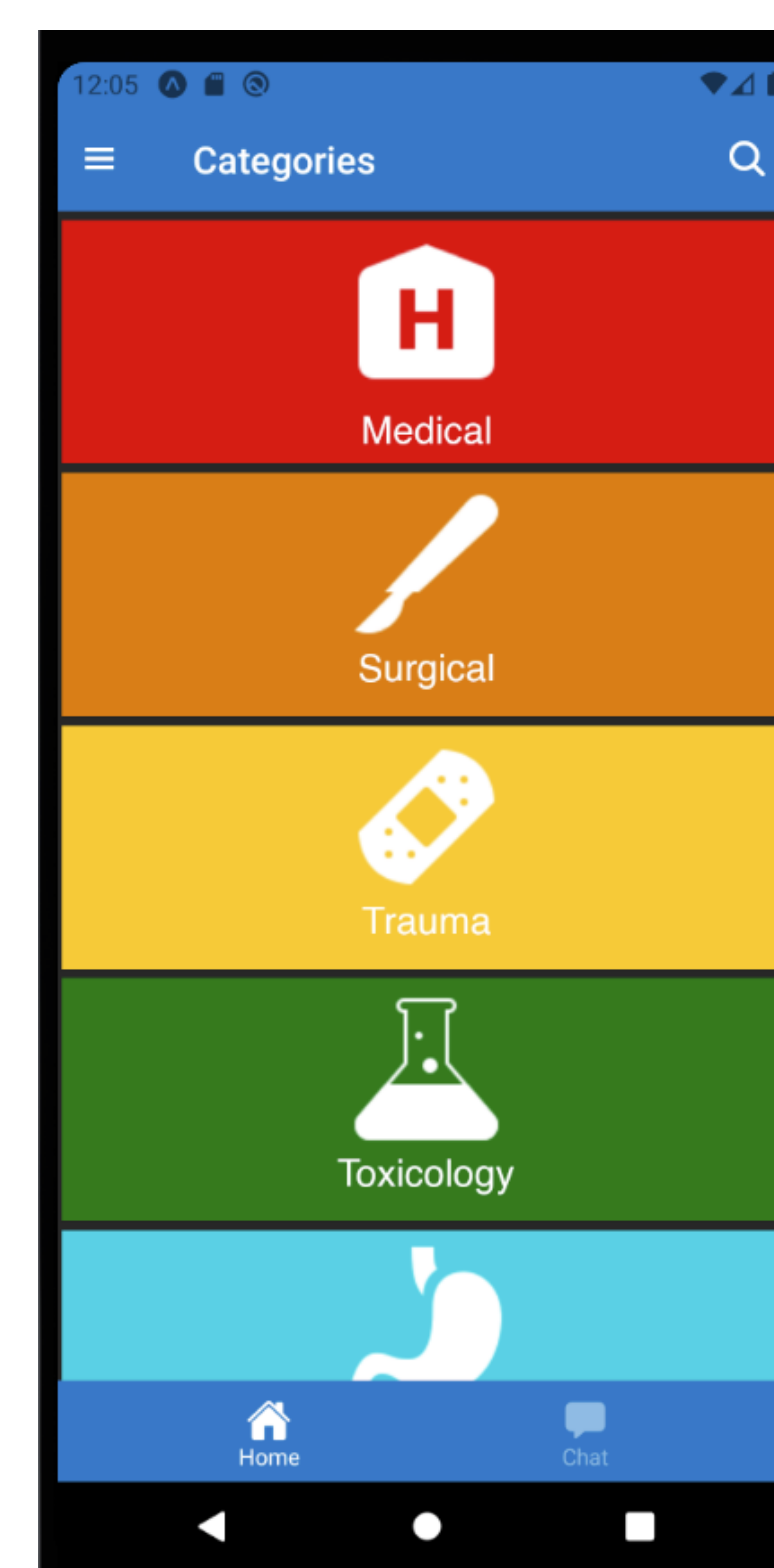
Current System

The latest version of the Pediatric Emergency Medicine Application (PEM App) is 5.0.0. This version includes new and upgraded functionality such as a fully functional chat, password reset and alphabet scrolling for Android and Apple users.

Object Design



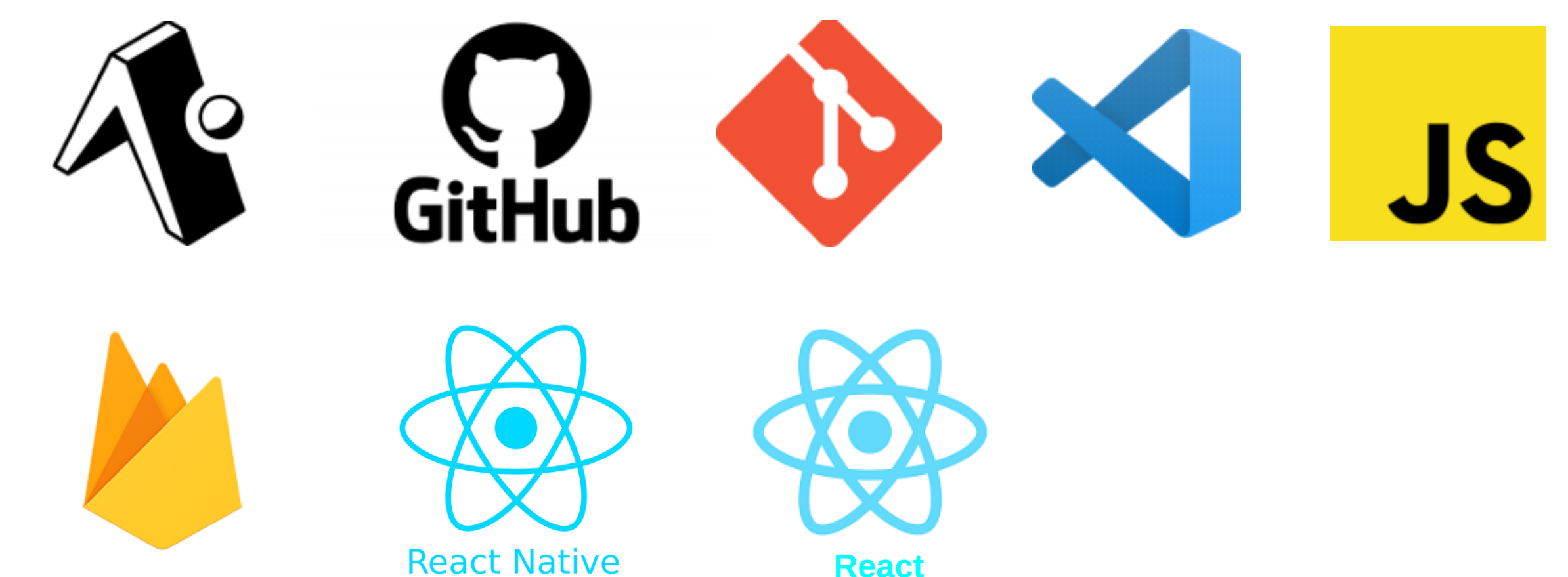
Screenshots



Requirements

- User must be logged in to PEM App
- Button link must be accessible from home page
- Questions must be stored in Firebase
- Feature must use GraphQL
- If user is logged in they will be able to post and respond to questions

Implementation



Summary

The updates made this semester to the Pediatric Emergency Medicine Application (PEM App) will allow medical professionals to have relevant information during medical emergencies. While effectively communicating with one another. Capstone I members continue to familiarize themselves with React Native, React, and PEM source code. This will allow for a smoother transition for their upcoming Capstone 2 course.

Acknowledgement