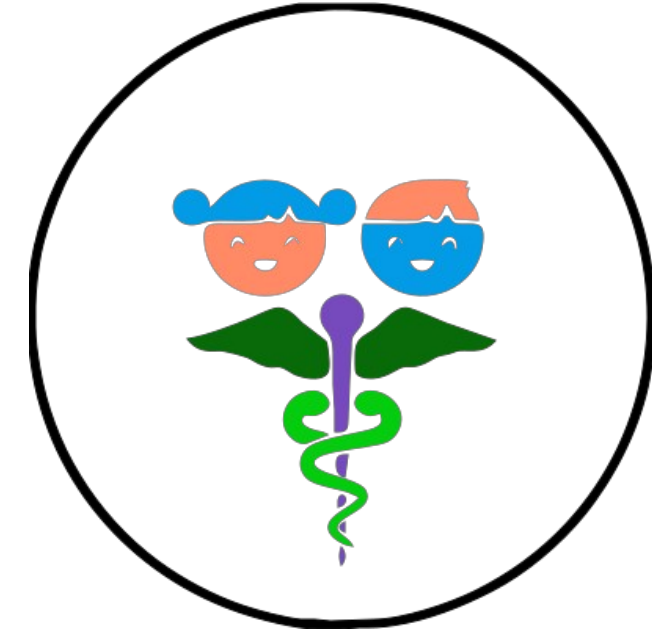




Pediatric Emergency Medicine App

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Problem

Pediatric medical staff needs high Concentration and focus on their daily activities, having access to the right connections and information at the right time can be of primordial importance to succeed on their day to day tasks. This app project focuses on providing both data with vital details of medical specifications and communication between peers for further assistance in case an emergency arises.

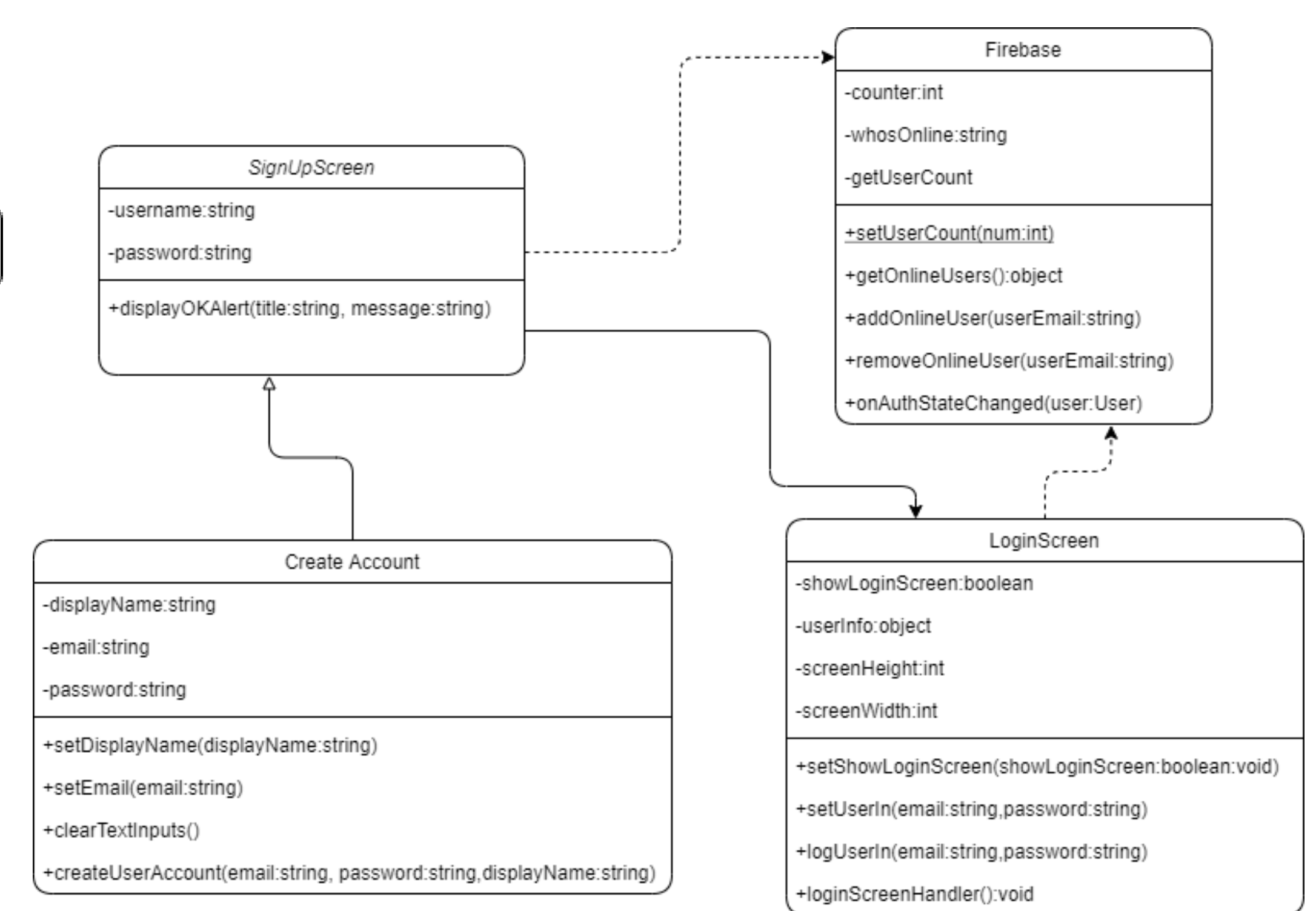
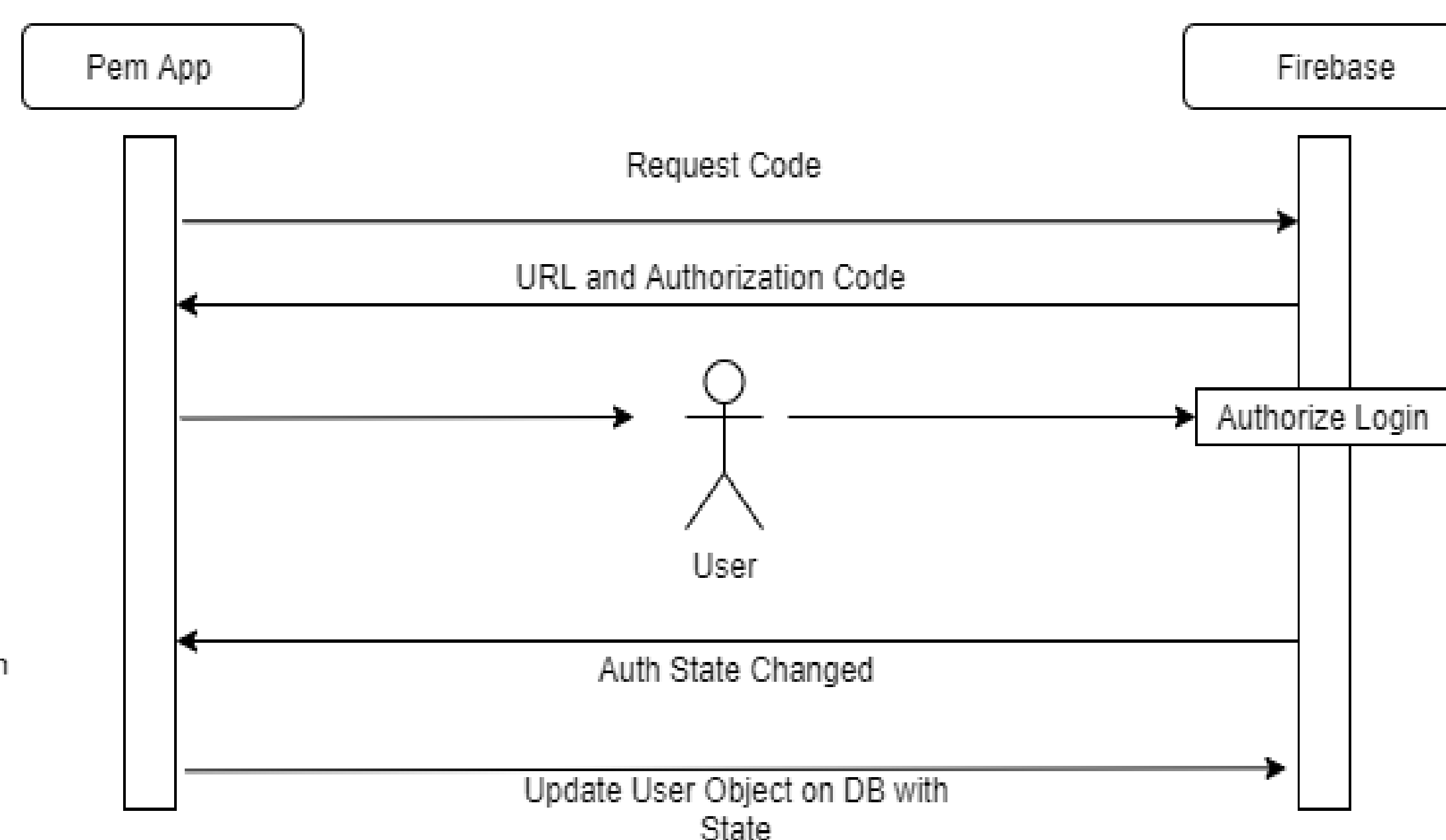
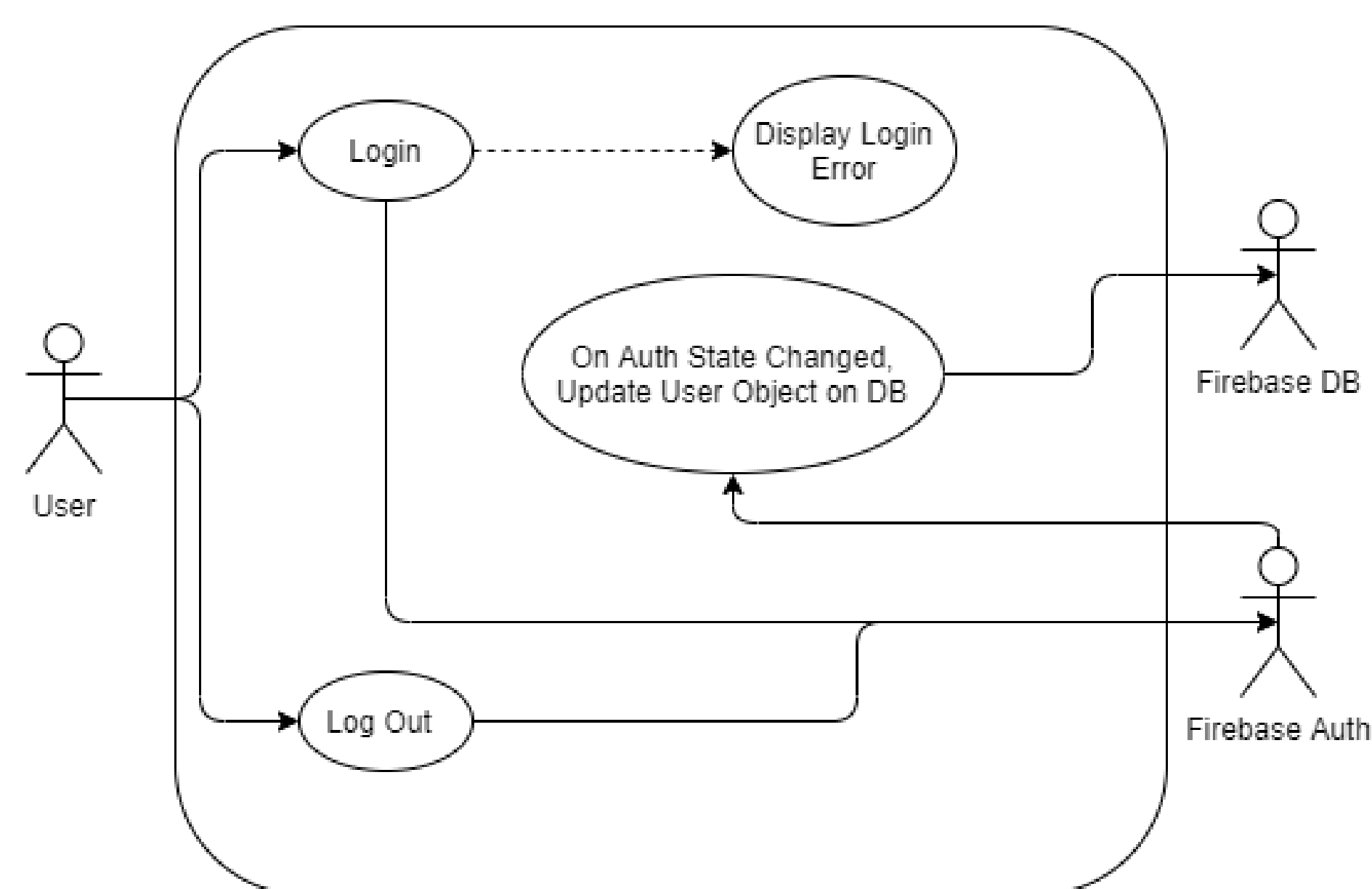
Current System

Following up from last semester, this fourth version of the Pediatric Emergency Medicine App allows the user to both access important information and interact with fellow staff members; among other features like storing pictures on their profile, being able to see who is online and even being available on both iOS and Android.

Requirements

- The user needs to log in with the right credentials.
- Once logged in the user needs to search for the chat under their Profile.
- Open the list of users that will be shown.
- By creating a chat it will also show the available online users.

System Design



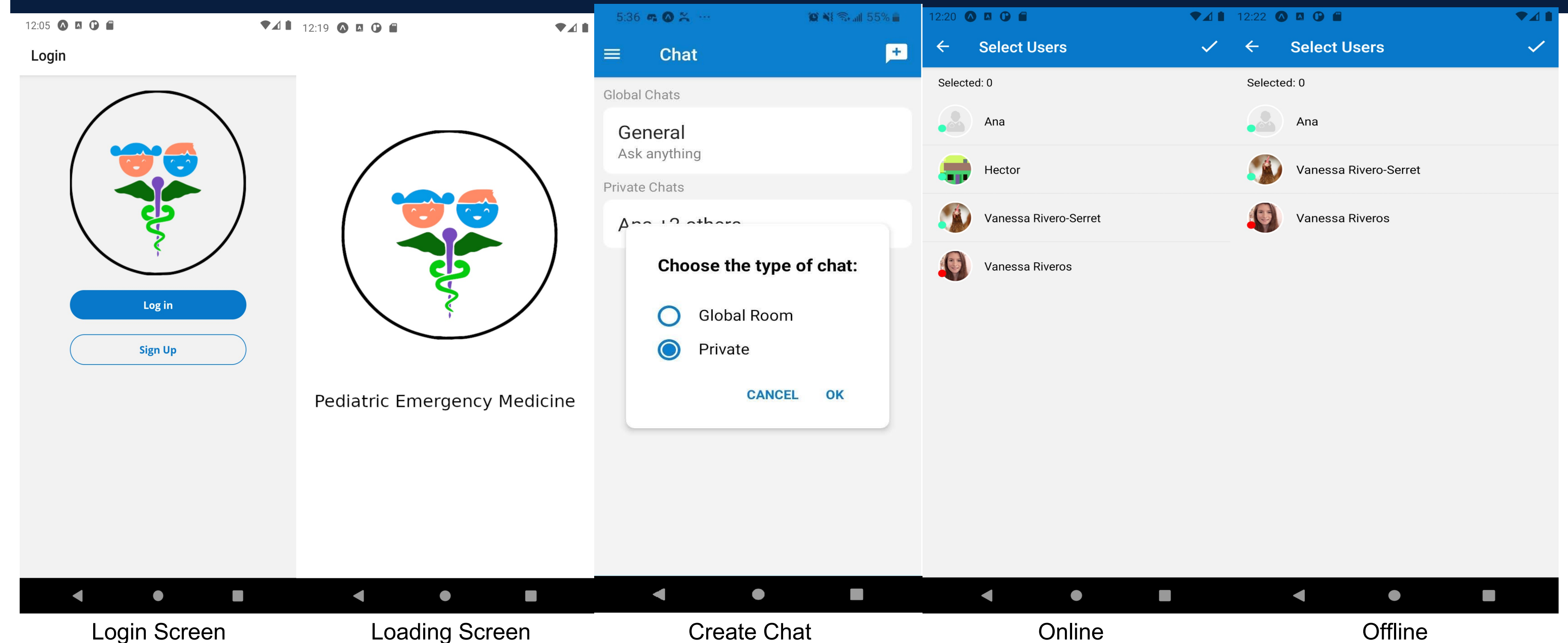
Implementation



Verification

Several testing sessions were done on both iOS and Android in order to measure an accurate precision of the user status on different scenarios. Including the code visibility once logging in and out. Once the user is authenticated after log in, their status is updated.

Screenshots



Summary

After the improvements and fixes done during this semester, the fourth version of the Pediatric Emergency Medical Application presents several upgrades in order to enrich the user's experience, as well as aiming for an ever better quality of the product. Being an even better user friendly resource now as well as a reliable source of information for the users we can conclude.

Acknowledgement

The material presented in this poster is based upon the work supported by Jean Hannan and Bruce Quinn. Thank you both for the assistance, cooperation and mentorship throughout this process. Also, thank you to my teammates for their hard work and great team effort.