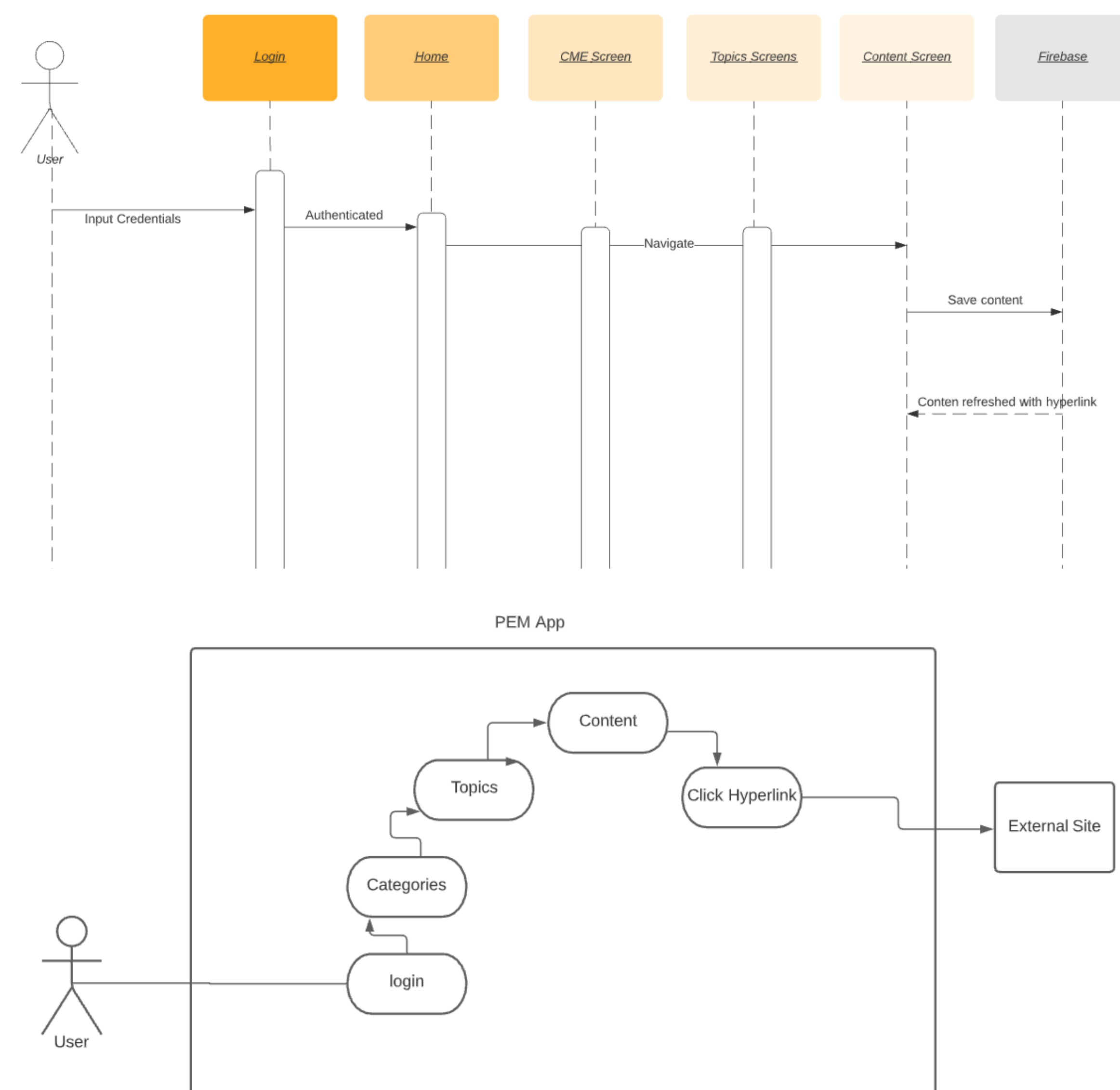




Problem

It is vital to provide medical staff an application that offers a seamless interaction to gain access to critical information regarding pediatric emergencies. This project aims to benefit the healthcare workers by allowing quick and easy access to valuable information of common medical emergencies. The app also serves as a communication tool for healthcare workers for more efficient and centralized communication.

System Design



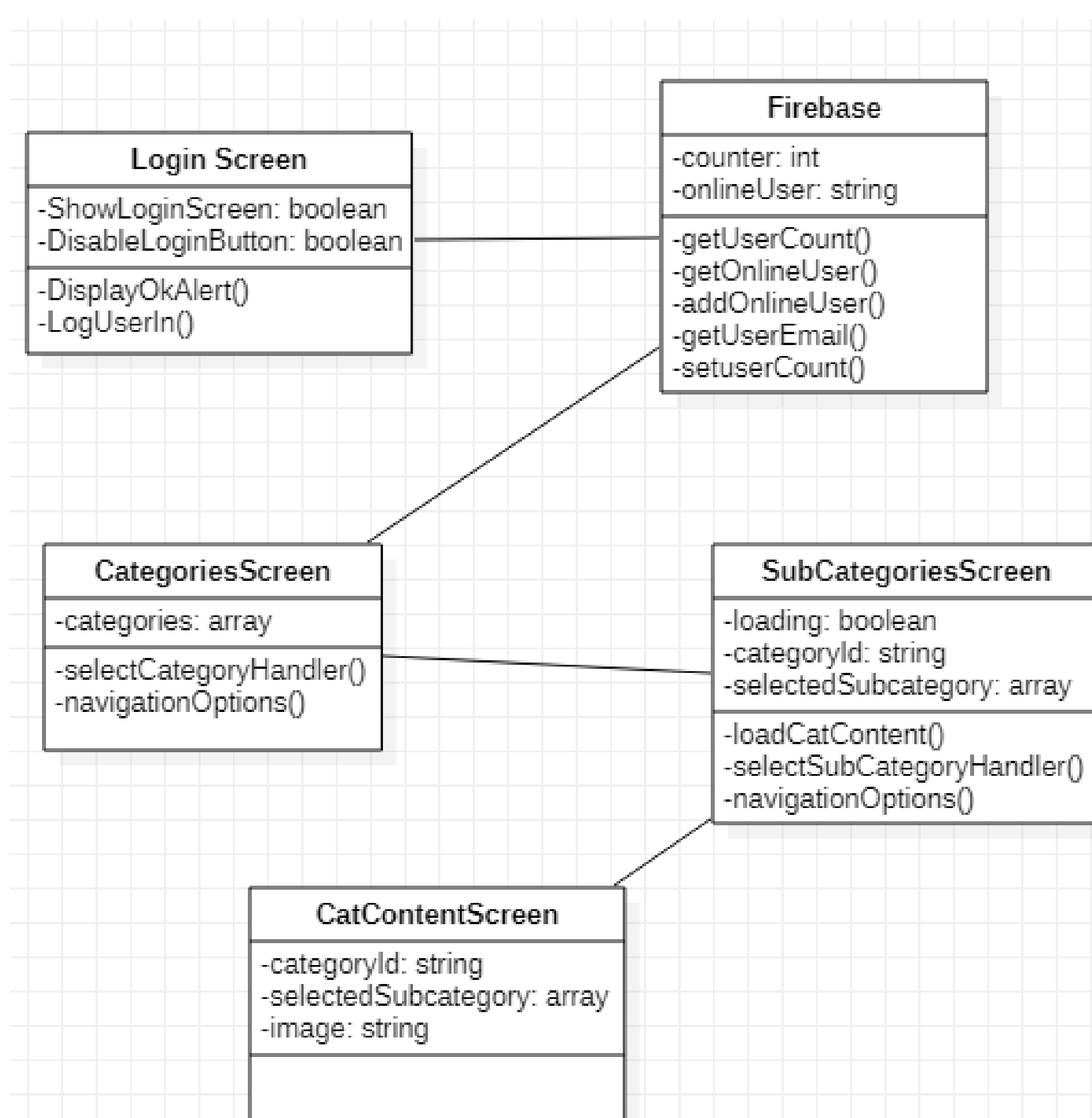
Verification

- User is able to click the links and be redirected to external pages.
- Android users are able to download the app from Google Play Store
- The Subcategories screen layout shows consistency and has only the necessary information.
- New subcategories are automatically sorted alphabetically

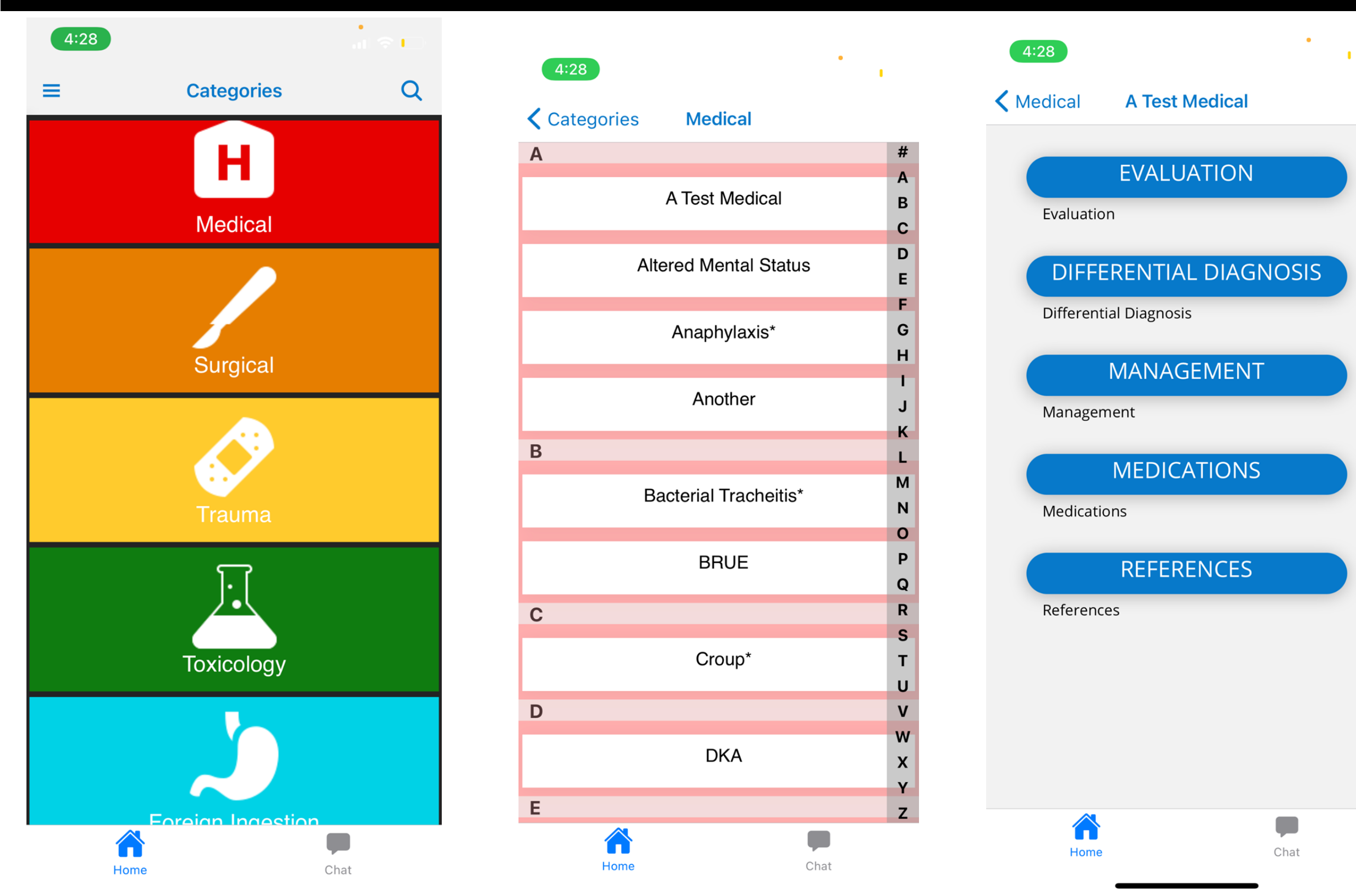
Current System

This is the 5th version the Pediatric Emergency application where we continued to upgrade the categories screen to improve navigation, added autolink functionality for categories content, made the app available through the Google Play Store to Android users and improved the sorting functionality in all screens.

Object Design



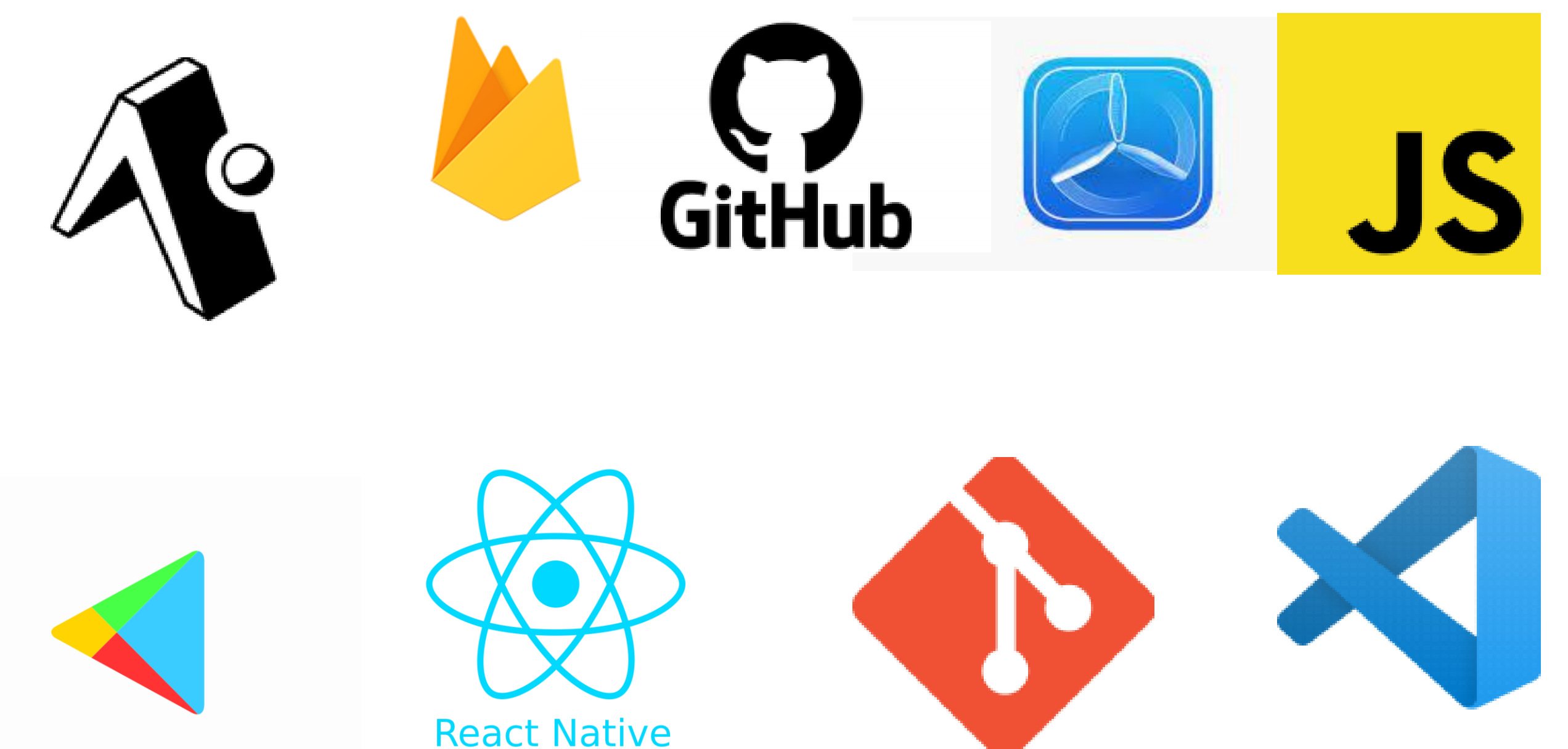
Screenshots



Requirements

- Admins need to be able to add URLs dynamically to make external content quickly available to users.
- Android users need to be able to download the app for testing.
- The subcategories screen needs to have a layout that help users easily find topics and focus on the content.
- Need to deploy changes to Google Play Store and Testflight with weekly frequency
- Fix the sorting functionality in subcategories screen.
- Remove the black gap in Category screen

Implementation



Summary

The updates made this semester to the Pediatric Emergency Medicine Application (PEM App) will allow healthcare professionals to use the application more efficiently. By improving accessibility to the app through different platforms and to external references from within the app the user has a wider range of information available. Also admins have the ability to add static test URLs and the system will detect them automatically and made them available as hyperlink to all users. This enables navigation out of the application with the possibility to go back to the same screen after visiting external content.

Acknowledgement

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