



Pediatric Emergency Medicine Application

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Problem

Nowadays with the pandemic, it is vital to manufacture a reliable application that offers a seamless interaction for medical staff to get a hold of information in order to deliver faster service to their patients. With this application, this will provide them the necessary tools needed in the healthcare system that we so desperately need and to communicate effectively with one another.

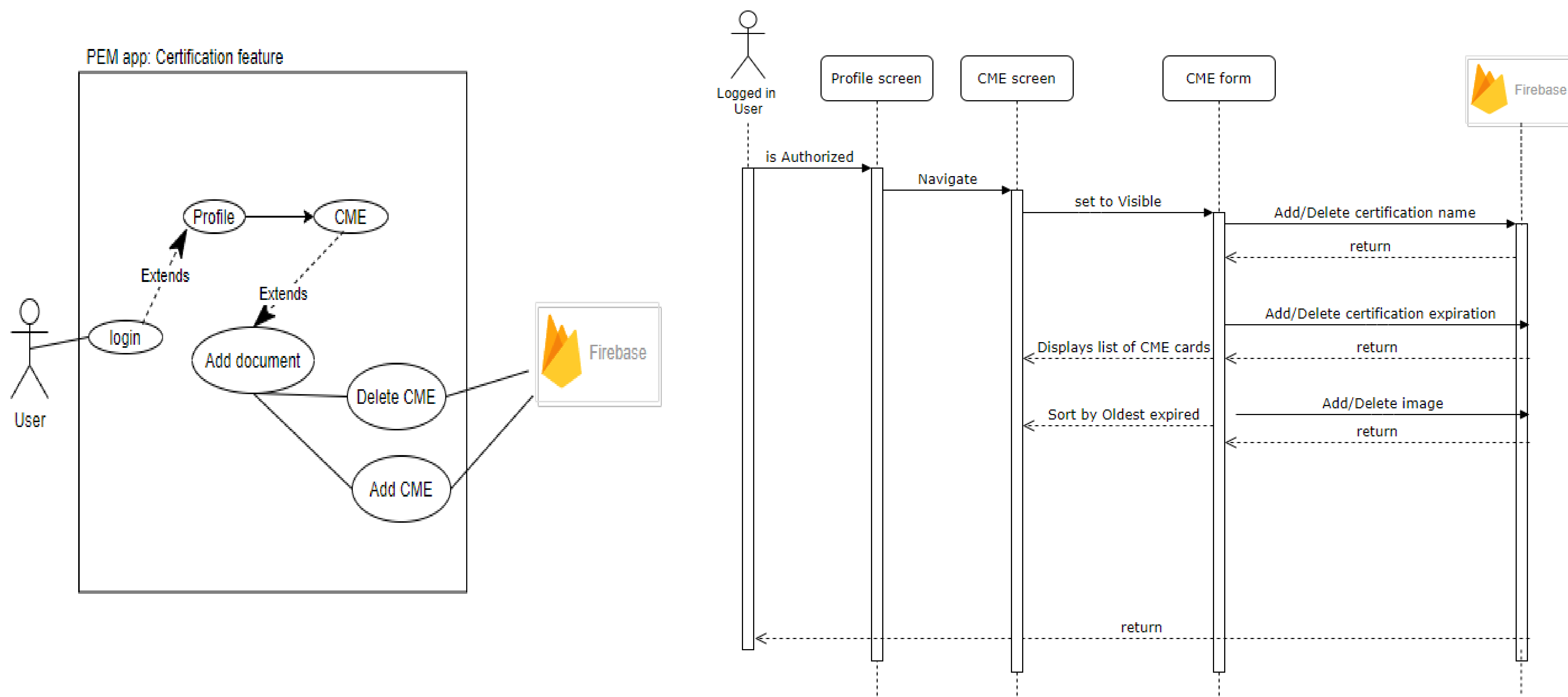
Current System

This is the fourth version of the Pediatric Emergency Medicine application where we continued to upgrade the chat system with HIPPA disclosure, redesigned certification uploads that works properly on both Android and iOS platform including a date picker created from scratch for iOS platform, search box now searches through live database with full text search, and users can see who is online.

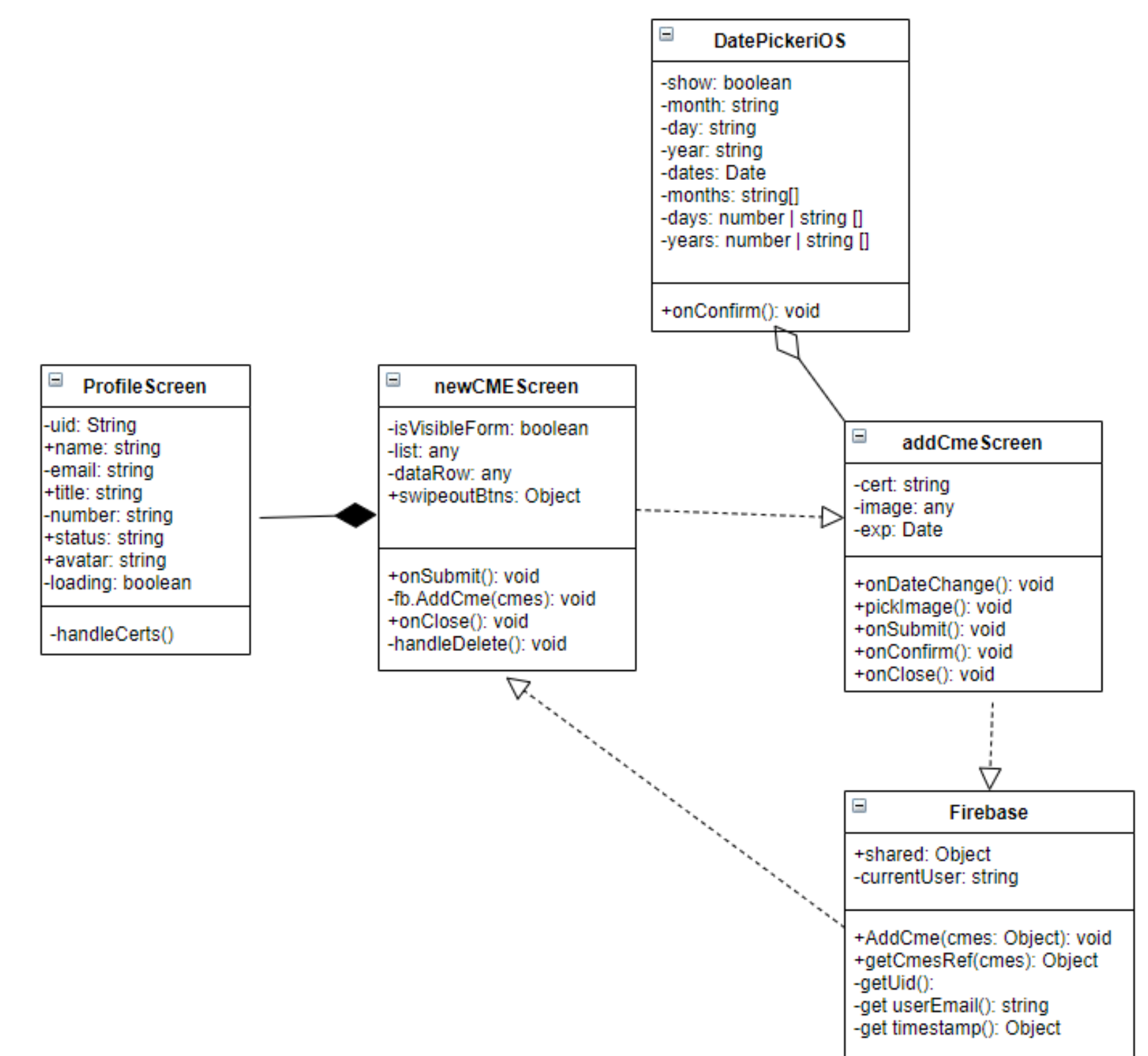
Requirements

- Users needs to login into their account.
- User can click on “Add document” which will show the add form.
- Certifications are only allowed to be added or deleted by the current user.
- Swipe function to show delete button.
- User submits form and sees certification information in card style.

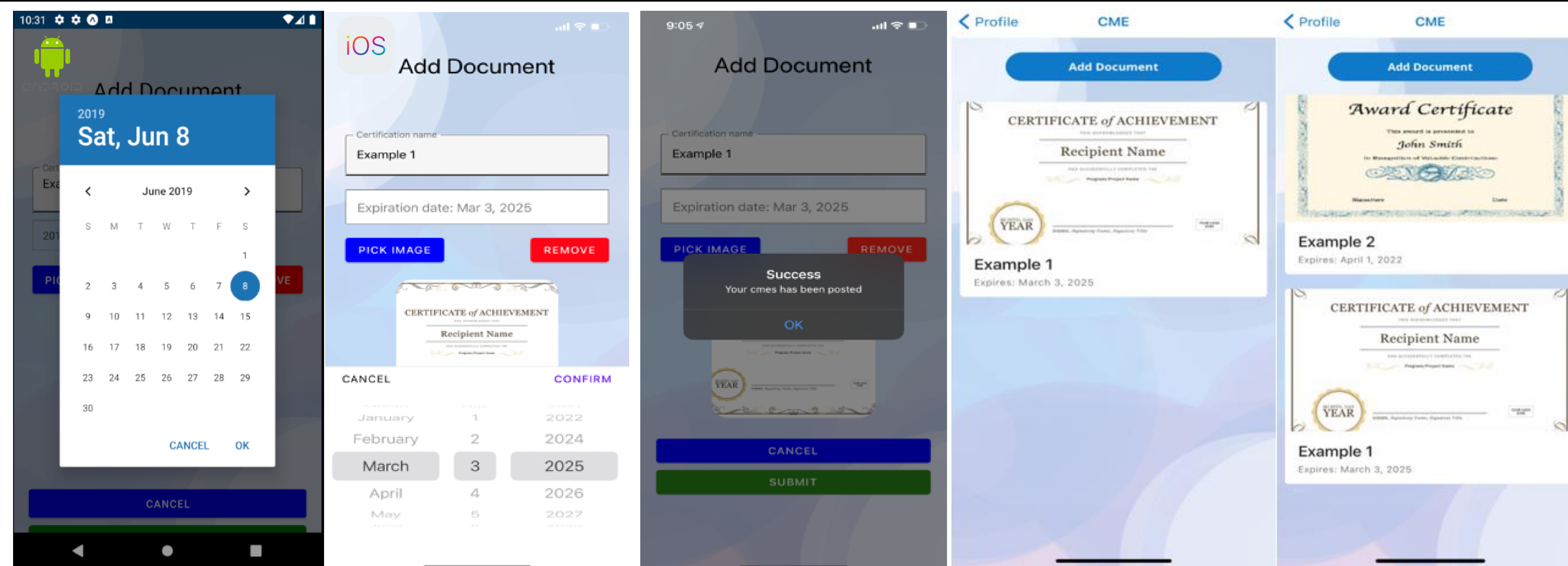
System Design



Object Design



Screenshots



Implementation



Verification

- User has a functional date picker on both iOS and Android that takes in the correct input.
- Certification can be deleted off firebase Realtime data and storage(images).
- Expiration date is sorted the earliest expiration certification.
- Feature has a fresh look which makes the rest of the UI.

Summary

This is the fourth version of the Pediatric Emergency Medicine application where we continued to upgrade the chat system with HIPPA disclosure, redesigned certification uploads that works properly on both Android and iOS platform, search box now searches through live database with highlighted words, and users can see who is online.

Acknowledgement

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