Milestone 3: Health Monitoring App

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Team Management

Team member responsibilities and effort estimation

Team Member Responsibilities

Alex

GitHub Manager, FitBit OAuth
(Back-End), Firebase Database SetUp

Neeti

Slides Manager, Navigation
(Front-End), Basic UI

Sara

Baseline + Navigation
(Front-End), Basic UI

Ahmad

User Login + FitBit OAuth
(Back-End), Firebase Database SetUp

Sohan

User Login (Back-End), UML
Diagram Updates, Demo Video

Introduction to Teamwork

- The front-end utilized a React and next.js framework
    - It was written in TypeScript and Tailwind CSS
    - We also used plugins like daisyUI for more complex design elements
- The back-end was mostly done in JavaScript
- The project took many hours due to the complex UI
    - There were issues integrating the back-end with our UI as we attempted to code them simultaneously and integrate them at the end
- We have had a few meetings to code for 3+ hours at a time not including the time we worked individually

GitHub Project

https://github.com/Alex-Anthony/SSW-322-A-Group-3-Health-Tracker-App

Demo

- https://youtu.be/iyukQIdtTpA
    - This is our front-end demo
- Our back-end demo is shown in our GitHub here:

    https://github.com/Alex-Anthony/SSW-322-A-Group-3-Health-Tracker-App
- Some of the functions we will go over from our GitHub include functions for:
    - Firebase user login
    - FitBit oauth
    - Functions displaying user FitBit data
- And the front-end functions for navigation and basic user interface

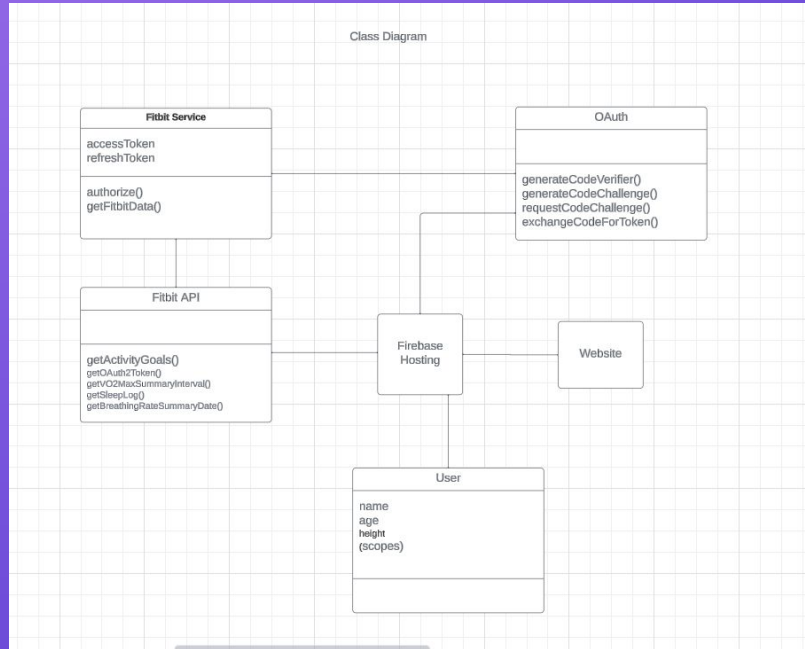# Strengths and Challenges

Strengths

- Effective and strong collaboration and team management
- Diverse team capabilities in front-end, back-end, debugging, and overall design
- Common goal of producing a functioning, aesthetically pleasing, and efficient app
- Consistency within initial designs, UML diagrams, and development code
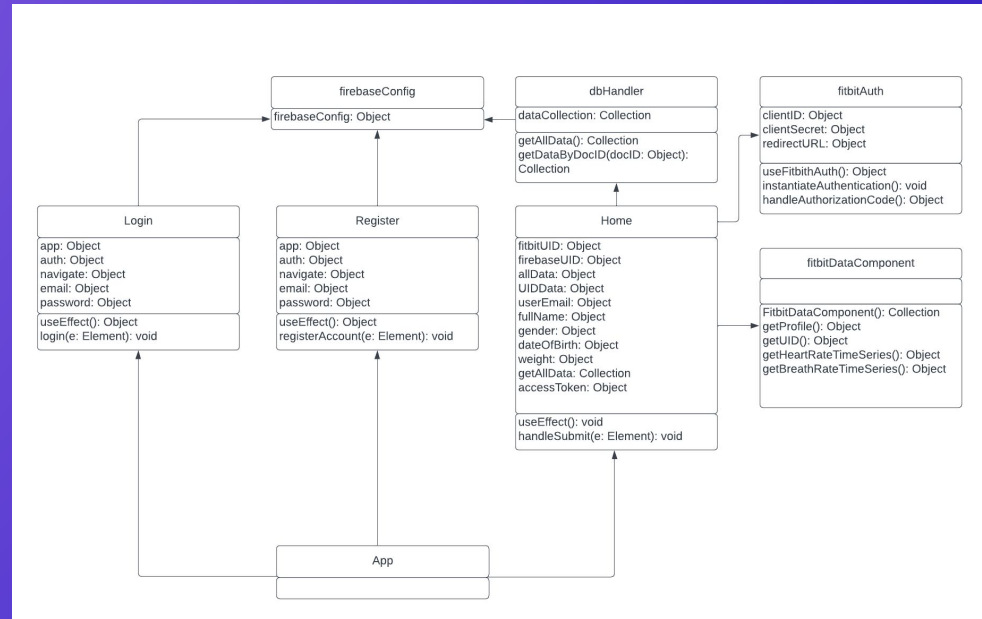
Challenges

- Initially coding without committing to GitHub in separate branches which led to difficulties in syncing code and maintaining a working version of the application
- Finding shared time to work and discuss progress amidst classes, spring break, holidays, and personal responsibilities
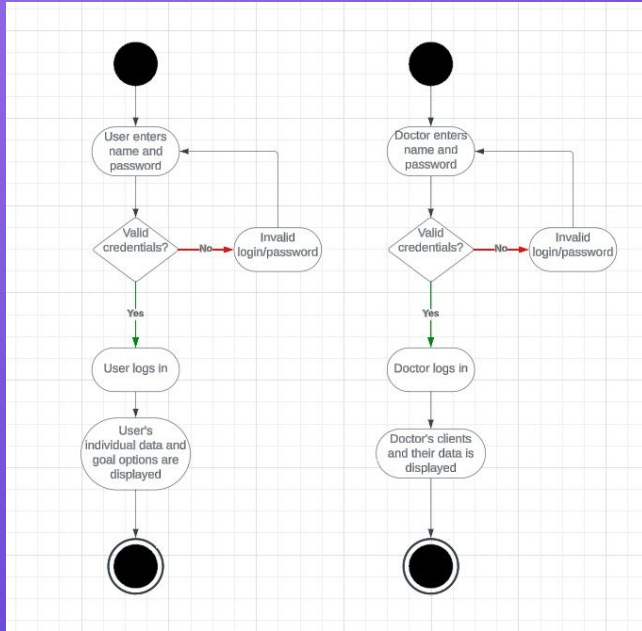
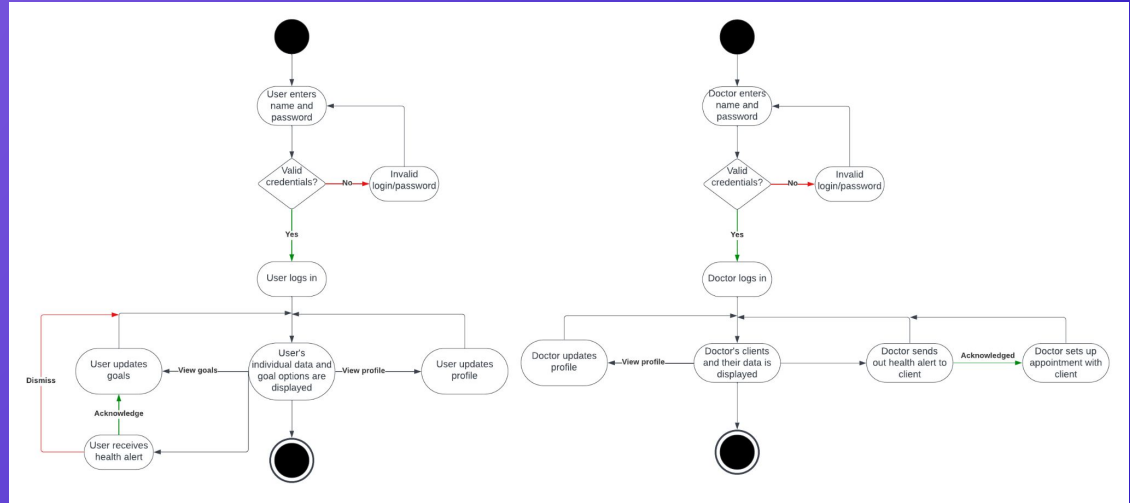# Changes to UML Diagrams

Milestone 2

Milestone 3

Changes to UML Diagrams

Milestone 2

Milestone 3

Thank you!

Any Questions?