



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

Alex-Anthony / Projects / 322-Milestone_3

322-Milestone_3

Backlog Priority board Team items Roadmap In review My items + New view

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Ready 3 Estimate: 0

This is ready to be picked up

- SSW-322-A-Group-3-Health-Tracker-App #36
Create Demo Video
- SSW-322-A-Group-3-Health-Tracker-App #26
Updates to UML Diagrams
- SSW-322-A-Group-3-Health-Tracker-App #30
FitBit OAuth (Back-End)

+ Add item

In progress 5/3 Estimate: 0

This is actively being worked on

- SSW-322-A-Group-3-Health-Tracker-App #31
Displaying User FitBit Data (Front/Back-End Integration)
- SSW-322-A-Group-3-Health-Tracker-App #35
Firestore Database Integration
- SSW-322-A-Group-3-Health-Tracker-App #29
User Login (Back-End)
- SSW-322-A-Group-3-Health-Tracker-App #34
Firestore Database Set-Up
- SSW-322-A-Group-3-Health-Tracker-App #25
Milestone 3 Slides

+ Add item

In review 4/5 Estimate: 0

This item is in review

- SSW-322-A-Group-3-Health-Tracker-App #33
Basic UI
- SSW-322-A-Group-3-Health-Tracker-App #28
Baseline (Back-End)
- SSW-322-A-Group-3-Health-Tracker-App #27
Baseline (Front-End)
- SSW-322-A-Group-3-Health-Tracker-App #32
Navigation (Front-End)

+ Add item

Done 0 Estimate: 0

This has been completed

+ Add item

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

Demo

- <https://youtu.be/iyukQldtTpA>
 - 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

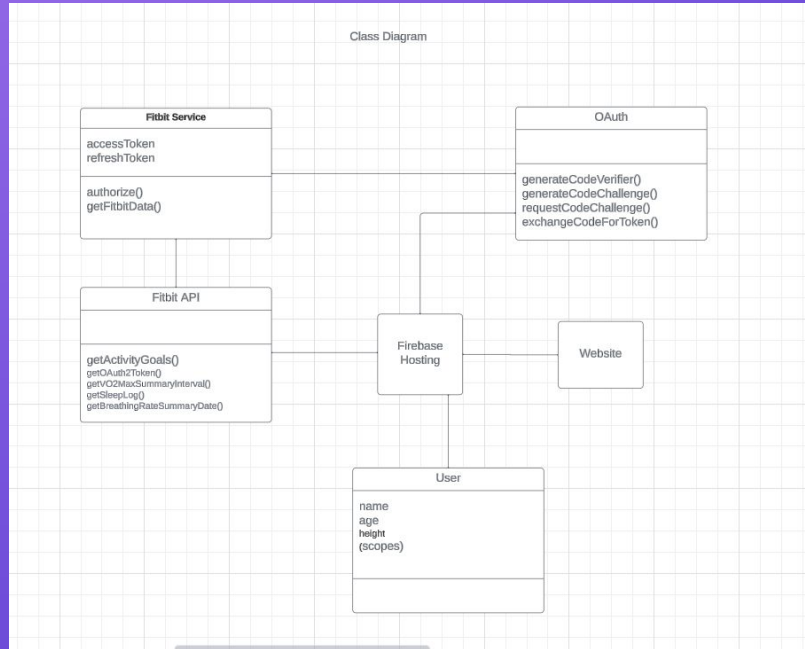
- Effective and strong collaboration and team management
- Diverse team capabilities in front-end, back-end, debugging, and overall design
- Common goal of producing a functioning, aesthetically pleasing, and efficient app
- Consistency within initial designs, UML diagrams, and development code

Challenges

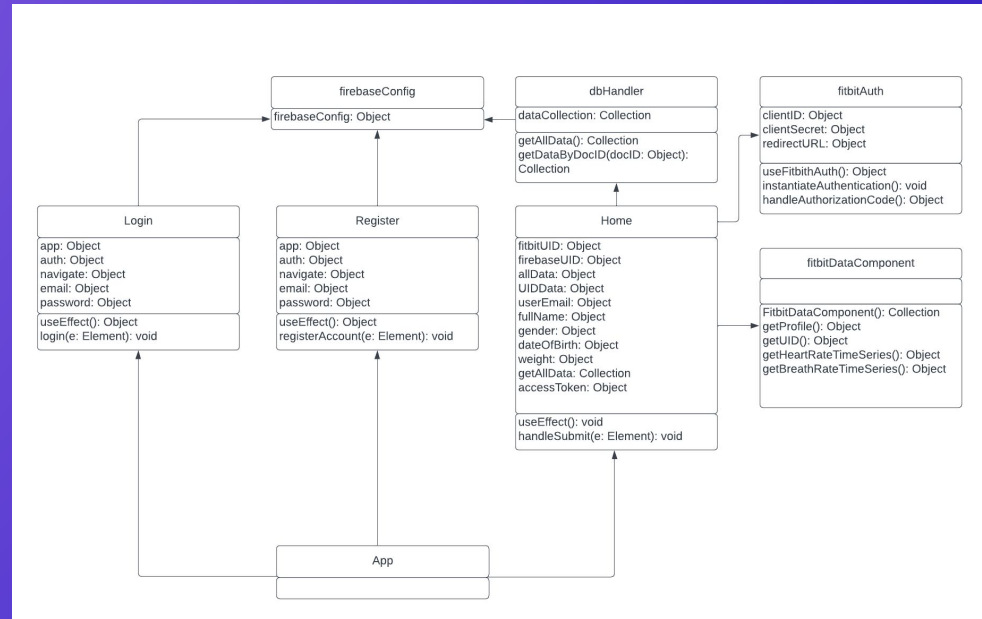
- Initially coding without committing to GitHub in separate branches which led to difficulties in syncing code and maintaining a working version of the application
- Finding shared time to work and discuss progress amidst classes, spring break, holidays, and personal responsibilities

Changes to UML Diagrams

Milestone 2

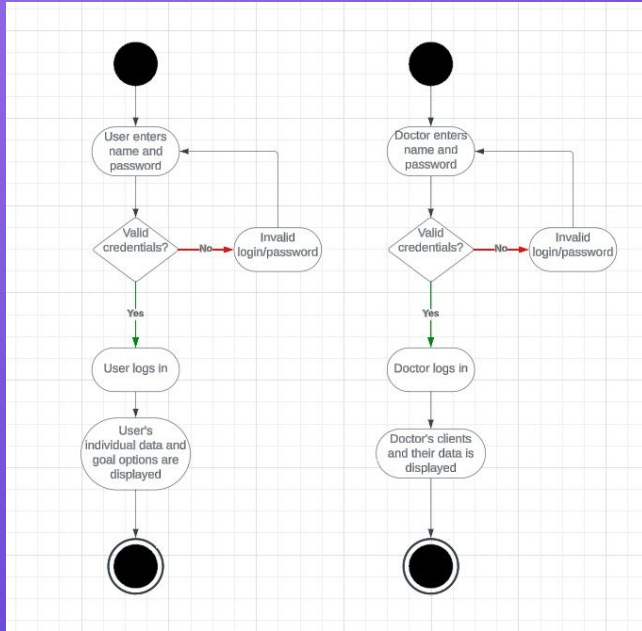


Milestone 3

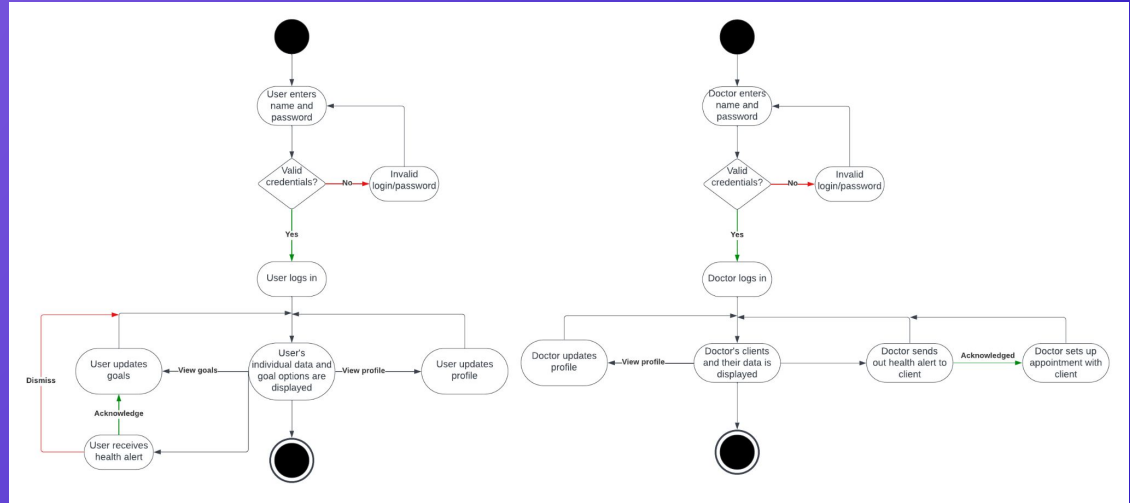


Changes to UML Diagrams

Milestone 2



Milestone 3





Thank you!

Any Questions?