

Sprint 2 Report

Video Link: <https://youtu.be/R1JFzMHPnX8>

What's New

- User Profile Screen
- Login System Finished
- Logout
- Navigation between screens
- Close to being done:
 - Settings screen
 - Browse/Search Alert History
 - Create Report Incident Screen

Work Summary

In this sprint, our focus was on integrating the core functionalities of our app by implementing smooth navigation between key screens: login, registration, and the home page. We added a feature to create reports that are stored in the database using APIs and trigger notifications whenever a new report is created. These reports are also displayed on the home page for users to browse. Throughout this process, due to inexperience, connecting the backend with the frontend was a barrier for some of us, but it provided valuable experience in implementing these features effectively.

Unfinished work

We were not able to fully flesh out the settings screen for opting in and out of notifications, all we were able to complete was a simple prototype settings screen with one option (when ideally we wanted to add three). We will improve this in the next sprint.

Additionally, we were not able to fully complete the user profile and alert/report history screens. These features will be finished in the next sprint.

Completed Issues/User Stories

Here are links to the issues that we completed in this sprint:

Navigating Screens:

<https://github.com/CPTS-322-CampusSafe/CPTS-322-Project-Repo/issues/44>

Create Report Incident Screen:

<https://github.com/CPTS-322-CampusSafe/CPTS-322-Project-Repo/issues/48>

Report Incident API:

<https://github.com/CPTS-322-CampusSafe/CPTS-322-Project-Repo/issues/47>

Send emergency notifications to users:

<https://github.com/CPTS-322-CampusSafe/CPTS-322-Project-Repo/issues/60>

Finished login:

<https://github.com/CPTS-322-CampusSafe/CPTS-322-Project-Repo/issues/7>

Incomplete Issues/User Stories

Settings Screen (Opt-in/out of notifications):

<https://github.com/CPTS-322-CampusSafe/CPTS-322-Project-Repo/issues/51>

- This task was not fully completed due to leaving it to the last minute. Ran into bugs and didn't have time to finish.

Browse/Search Alert History Screen:

<https://github.com/CPTS-322-CampusSafe/CPTS-322-Project-Repo/issues/56>

- Same reason as above.

User Profile Screen:

<https://github.com/CPTS-322-CampusSafe/CPTS-322-Project-Repo/issues/49>

- Same reason as above.

Code Files for Review

Please review the following code files, which were actively developed during this sprint, for quality:

- App Screens (Navigation between screens, created create_report.tsx, user profile, browse reports on home screen):
<https://github.com/CPTS-322-CampusSafe/CPTS-322-Project-Repo/tree/main/frontend/CampusSafe/app>
- Incident Report API (frontend):
https://github.com/CPTS-322-CampusSafe/CPTS-322-Project-Repo/tree/main/frontend/CampusSafe/backend_apis/incident_report_system
- Incident Report API/Notifications (backend):
https://github.com/CPTS-322-CampusSafe/CPTS-322-Project-Repo/tree/main/backend/campus_safe/report_incident_api

Retrospective Summary

Here's what went well:

- We were well organized during this sprint
- Completed a large portion of the project
- Avoided running into any major issues

Here's what we'd like to improve:

- Complete tasks sooner
- Meet more frequently
- Communication

Here are changes we plan to implement in the next sprint:

- We will try to improve efficiency, as the last sprint is very short
- Improve communication
- Update Kanban board more frequently