

Incident Reporting

Sprint 1 Plan & Report

Thur Oct 8 - Sun Nov 1

Sprint 1 Plan

- **Goals:**
 - Start Flutter App & Host app on Google Cloud Platform (Integrate Google API & Firebase)
 - Design Prototype and Implement Screen Views on Flutter Application
 - Implement Login System, Basic Camera functionality, & Basic Map functionality
- **Tasks, organized by user story:**
 - **User Story 1:** As a user, I want to be able to open the app, and navigate through the views(home screen/login, capture/upload picture, map of user uploads/fires)
 - 1) Design Views
 - 2) Implement Views
 - 3) Integrate Google Maps
 - **User Story 2:** As a user whose image and image location will be uploaded to the app's map, I would like to use the app anonymously
 - 1) Integrate Firebase - 2 SP
 - 2) Create Anonymous Login System
 - 3) Remember User Data every time they open app
 - 4) Create Logout System
 - **User Story 3:** As a bystander who can see a fire, I would like to take a picture of a fire.
 - 1) Implement camera functionality on the 'Take Picture' page
 - 2) Implement compass functionality with camera
 - **User Story 4:** As a user who will be viewing a map of user images/fire predictions, I would like the map to open to my current location
 - 1) Ask user to access their current location
 - a) If User Accepts: Fill in location for them on 'Enter Location'
 - b) Else: Create autofill suggestions as they fill in location manually on 'Enter Location' Page.
 - 3) Store User's Geolocation
 - 4) Have Map View open to User's Current Geolocation

Sprint 1 Report

- **Overall Tasks Completed by Nov. 1**
 - 10.5 out of 12 Tasks (87.5 %)
- **Tasks to Push to Sprint 2**
 - User Story 3, Task 2 - Implement compass functionality with camera
 - Compass reading returning null majority of time.

- User Story 4, Task 1 SubTasks - Autofilling Location Tasks
- **Task Completion Breakdown, organized by user story:**
 - **User Story 1** - 3/3 Tasks Completed
 - **User Story 2** - 4/4 Tasks Completed
 - **User Story 3** - 1/2 Tasks Completed
 - Tasks Completed: Task 1
 - Tasks Not Completed:
 - Task 2 (*PUSH TO SPRINT 2*)- Implement compass functionality with camera
 - Compass reading returning null majority of time.
 - Compass
 - **User Story 4** - 2.5/3 Tasks Completed
 - Task Completed: Task 1 Main Task, Task 3, Task 4
 - Tasks Not Completed
 - Task 1 SubTasks (*PUSH TO SPRINT 2*) - Autofilling Location Tasks