Incident Reporting
Sprint 2 Plan & Report
Mon Nov 2 - Sun Nov 22

Sprint 2 Plan

- **Goals:**
  - Get compass more accurate
  - Store Image Data on Firebase
  - Create Map Graphics for location pins.
  - Finalize mathematics to calculate fire point from image data

- **Tasks (most are organized by User Story)**:
  - ***Tasks Not finished from Sprint 1:***
    1) Implement compass functionality with camera
    2) Fill in location for users on 'Enter Location' based on current location
    3) Create autofill suggestions as they fill in location manually on 'Enter Location' Page.
  - ***User Story 1:*** As a user taking a picture on the app's camera, I would like to know which direction my camera is pointing towards.
    1) View live compass on camera view
  - ***User Story 2:*** As a user in the vicinity of a fire, I would like a map where I could view the exact locations where people uploaded images of the fire.
    1) View pins of image uploads on map.
    2) Search Bar on Map
  - ***User Story 3:*** As a user taking a picture on the app's camera, I would like to know if my image was successfully uploaded and view it immediately after on the map.
    1) Upload image to Firebase storage
    2) Upload image data to Firebase console
    3) Show Confirmation Screen to user once uploaded
    4) If User wants to view the uploaded image on the map;have map open to be zoomed in to their image upload pin with heading.
  - ***Other Tasks***
    1) Choose formula + test formula with image Data to find intersection point (fire point)

Sprint 2 Report

- **Overall Tasks Completed by Nov. 22**
  - 9 out of 11 Tasks (81.8 %)

- **Tasks to Push to Sprint 3**
  - N/A
- **Tasks added to Product Backlog**
  - Tasks Not finished from Sprint 1, Task 3 - Create autofill suggestions as they fill in location manually on 'Enter Location' Page
  - User Story 4, Task 4 - If User wants to view the uploaded image on the map;have map open to be zoomed in to their image upload pin with heading.
    - Current State in App: Immediately after the image upload, the user has the option to view their image on the map. User can view map and it'll open to the image uploaded location, but it will not open to being zoomed in on the image pin or open to the show the image heading.

- **Task Completion Breakdown:**
  - *Tasks Not finished from Sprint 1* - 2/3 Tasks Completed
    - Tasks Completed: Task 1, Task 2
    - Tasks Not Completed:
      - Task 3 (*ADDING TO BACKLOG - not a priority*) - Create autofill suggestions as they fill in location manually on 'Enter Location' Page
  - *User Story 1* - 1/1 Task Completed
  - *User Story 2* - 2/2 Tasks Completed
    - Tasks Completed: Task 1
  - *User Story 3* - 3/4 Tasks Completed
    - Task Completed: Task 1, Task 2, Task 3
    - Tasks Not Completed
      - Task 4 (*PUSHED TO BACKLOG- not a priority*) - If User wants to view the uploaded image on the map;have map open to be zoomed in to their image upload pin with heading.
        - Current State in App: Immediately after the image upload, the user has the option to view their image on the map. User can view map and it'll open to the image uploaded location, but it will not open to being zoomed in on the image pin or open to the show the image heading.
  - *Other Tasks* - 1/1 Task Completed