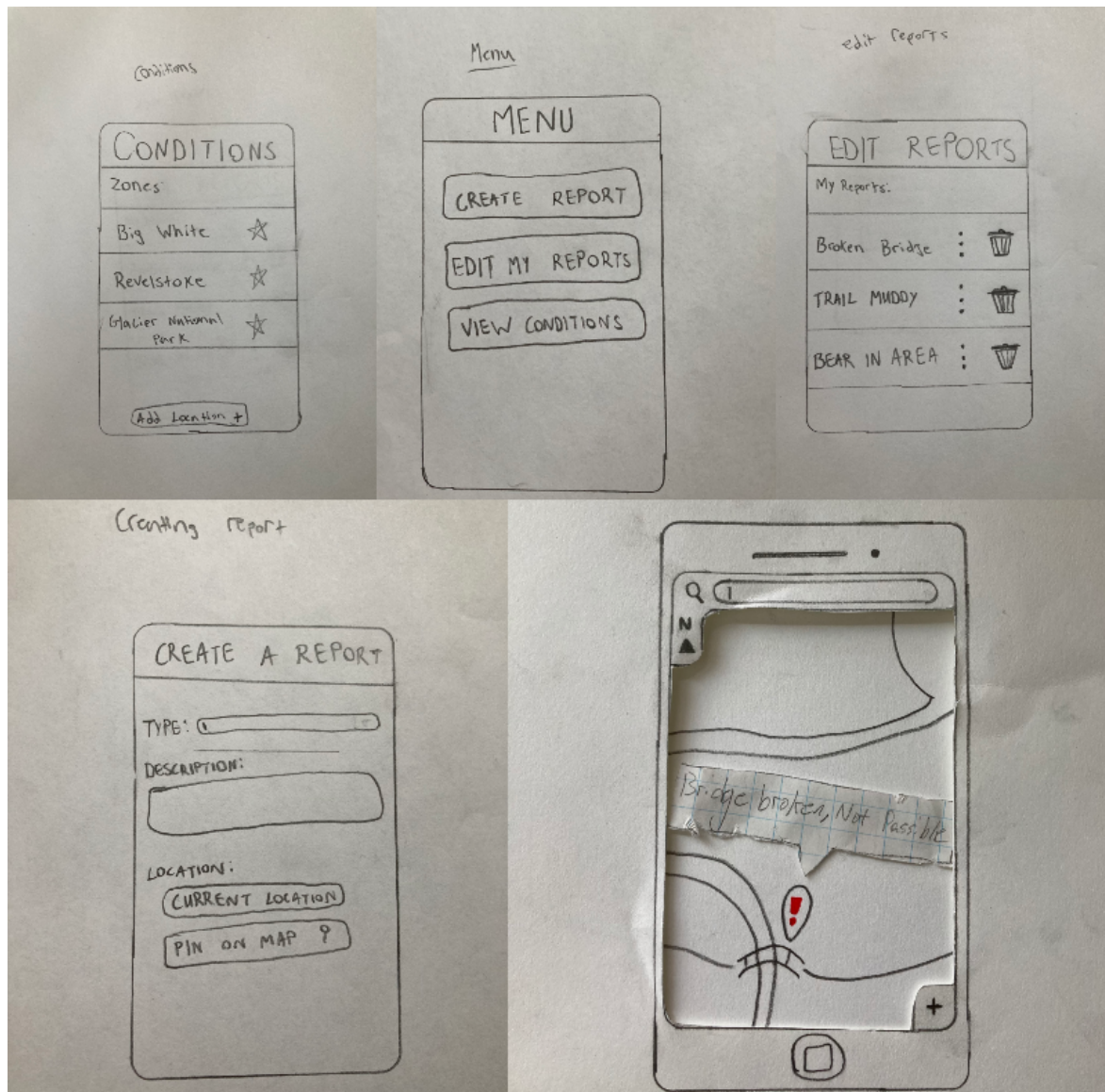# AFRITO

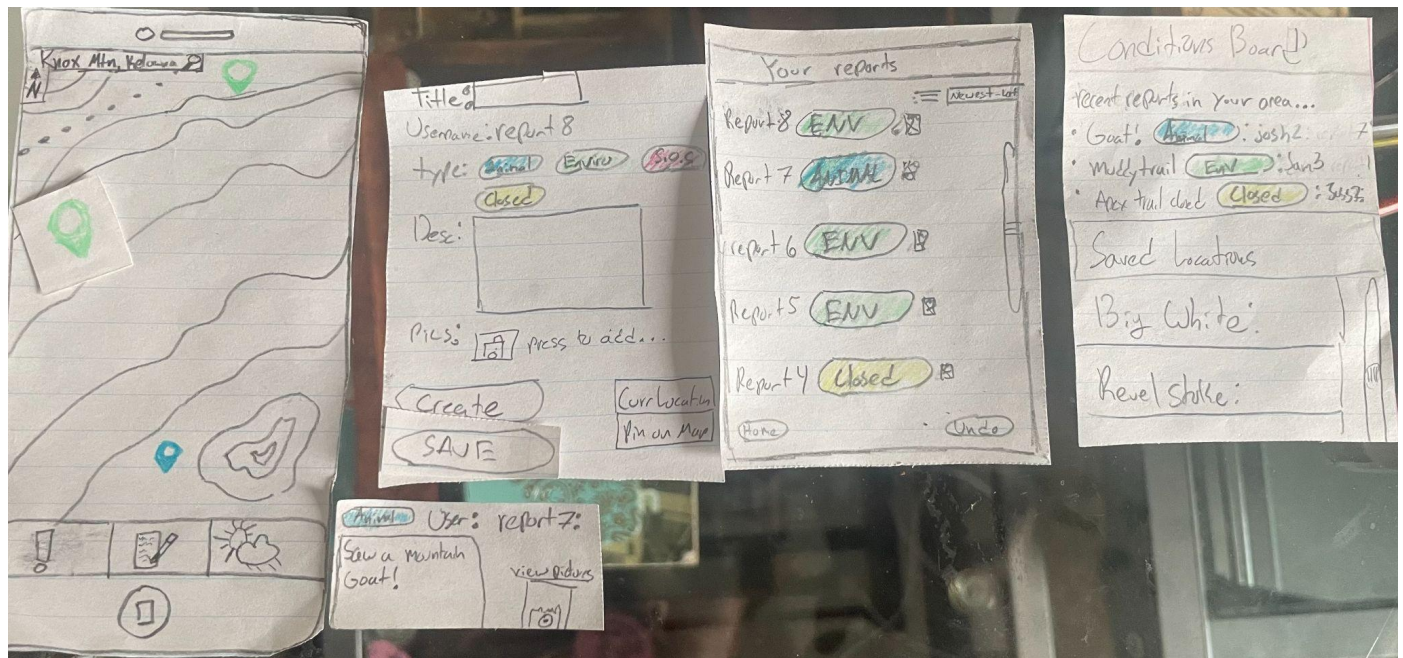(app for reporting in the outdoors) by Stu, Mac, Josh, Joss, and Sam

Four Major Tasks:

- Interact with map (pan around, navigate/oriente oneself, search for specific location, quickly see what types of reports are in an area without having to actually select onto a report page)
- Quickly make a report in the field (type, description, use preset templates for information to include depending on type of report) / View a report (Quickly gather main information without too much navigation, options to see more detailed information, leave comments/additional information)
- Manage existing reports (Go back and edit or add info to reports that were quickly made in the field, delete old reports)
- Open a condition view. General condition board for area range that the user can select. Includes newest field reports, weather, closures.

Paper Prototypes:
Initial

Conditions

CONDITIONS

Zones:

Big White ☆

Revelstoke ☆

Glacier National Park ☆

Add Location +

Menu

MENU

CREATE REPORT

EDIT MY REPORTS

VIEW CONDITIONS

edit reports

EDIT REPORTS

My Reports:

Broken Bridge ⋮ 🗑

TRAIL MUDDY ⋮ 🗑

BEAR IN AREA ⋮ 🗑

Creating report

CREATE A REPORT

TYPE:

DESCRIPTION:

LOCATION:

CURRENT LOCATION

PIN ON MAP 📍

Bridge broken, Not Passible

Revised

Initial evaluation:

User 1 Feedback: Add HUD menu along the bottom with easy access to all key features such as adding a report, looking at conditions board.
User 2 Feedback: Small header to show location name, Option to add photos to a report
User 3 Feedback: Option to submit quick reports without filling out long forms. Users may be rushed and may not have time to write descriptions. Have general category types such as closures, environmental, animals.

Modification:
The general focus of the feedback was the simplicity and ease of use of the app. Adding a HUD menu was a key suggestion we received. Another main feedback point was to make the description and image part of the report optional, as many users will be in a situation outdoors where they can't or simply don't want to write out long reports or add images. A simple way of doing quick reporting is by color coded category tabs, which include closures, hazard/environment, animal, S.O.S. Users can add to these reports in the parking lot or at home with our edit report feature. Smaller suggestions included adding a small location tag at the top of the screen, as well as being able to sort and filter reports by date or types.
-Added HUD menu on bottom of screen which allows users to quickly add a report, check condition board for their area, and see weather.
-Added a small location tag at the top of the screen to show where the user is.
-In add reports screen, added a category type (closure, hazard, animal, conditions) so users can quickly select their report type if in a hurry.

-In addition to above, change the image and description sections to optional, as many users may not feel like writing a report or adding images right at that moment. Users always have the option to go back and edit their reports from their report page.
-User is able to sort their reports when on their reports page.

Second evaluation:

User 1 Feedback: Feature to confirm/discredit a report to help with its validity
User 2 Feedback: Add the option to get notified for change of conditions in a certain region,
User 3 Feedback: Add an option to switch the type of map (ex. Topological, satellite, weather radar overlay)

Video Link:
https://drive.google.com/file/d/1YHqD1gLjhEOT4nwlAFboD7KzZUFJ3F6f/view?usp=sharing