Requirements

Functional (specifies what the system should do):

Users should be able to

- Log in using a username and password
- Create a new account if they don't have one already
- Add new data points
- View their personal history
- View everyone's data added
- Navigate to any page in our website from the navigation bar
- View an avalanche forecast map
- View shared photos

Non-Functional (specifies how the system performs a certain function):

- Our database will store the user's data
- We will display the data in the database
- Get avalanche forecast from Colorado Avalanche Information Center

Project Plan

Sprint 1 - Week 1

- Set up and outline the HTML pages
    - Home (Tristan)
    - Personal History (Oliver)
    - Add Data (Alexander)
    - Avalanche Forecast (Spencer)
    - Search Map by Location (Vy)
    - Shared Photos (Tristan)

Sprint 2 - Week 2

- Set up database (Tristan)
- User sign-in (Oliver)
- User sign-up (Alexander)
- Add to HTML pages (Spencer)
- Begin styling (Vy)

Sprint 3 - Week 3

- Finish styling (Oliver + Tristan)
- Connect database to website (Spencer)
- Add avalanche forecast (Alexander)
- Add data point display (Vy)

Agile Standup:

Wednesday, March 8, 2018, 3pm-4:30pm
Attendees: Vy Le, Tristan Neate, Spencer Holm, Oliver Larsson, Alexander Wilson

1. What have you completed since the last meeting?
We set up our Github and Trello, along with our Firebase account. Everyone got familiar with Firebase. We outlined our website.

2. What will you complete before the next meeting?
Tristan will finish the firebase skeleton file, this will allow the rest of the group to start work and not get hung up on the setup. We will read some more Firebase documentation and make sure everyone is familiar with Github and Trello. We will also complete Milestone 3.
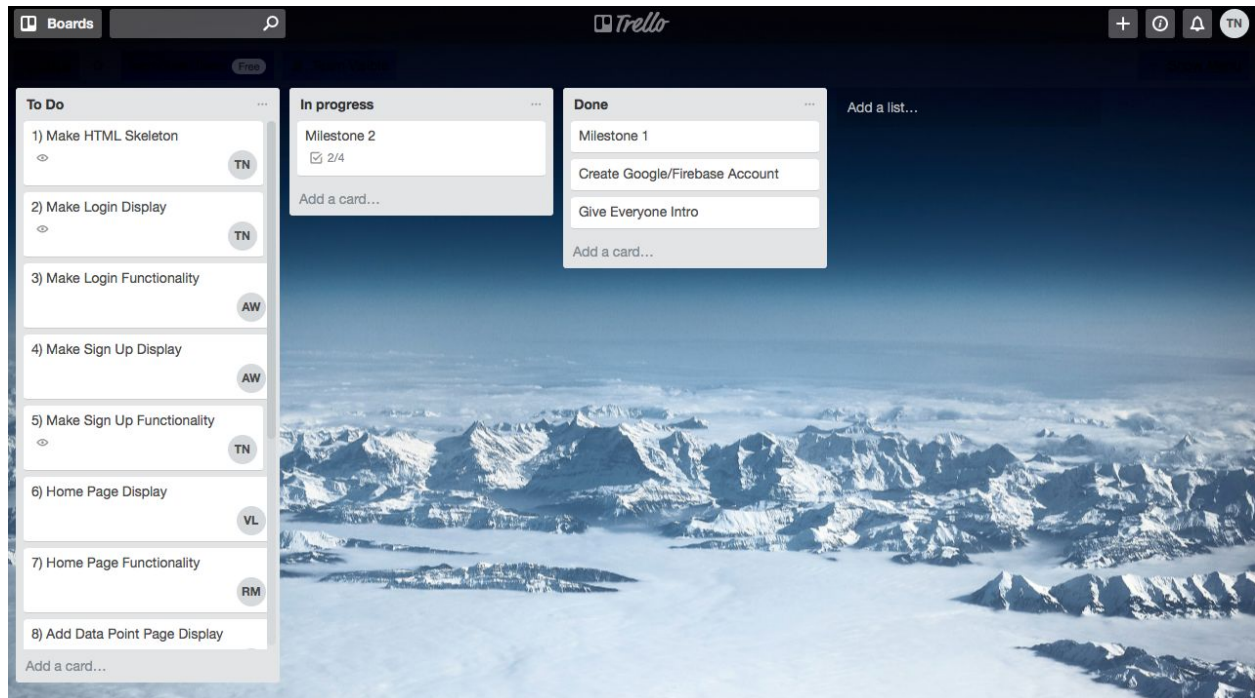
3. Describe any obstacles or roadblocks you face.
An obstacle is getting adequate with both Firebase and Github. Deciding on a suitable web host.

Retrospective:

So far work and collaboration has gone smoothly, we have a good setup to get started and split up the work. Only area of improvement would be communicating meeting absences.

Trello Sample:

Project Plan Sketch: