Mike Boisvert   - Recorder / Summary
Jason Holtrey   - Questioner
Zong Deng   - Host / Moderator
Luke Johnston - Recorder
Emma Ryden   - Questioner

Zoom Interview with Dan Allen
01/20/2021 11:30 am CDT (9:30 am PST) (12:30 pm EST)

<u>Interview Summary</u>

With this interview we obtained a lot of important information with getting started with the project. Here is a brief summary of what was discussed at the interview.

Essentially, they would like this app to map out characteristics of streams including wet / dry, riffle / pool, etc. This would start by a user starting at a position downstream, turning on the app (GPS navigation), then walking alongside the stream, creating a "trail" that will be saved, while also mapping important characteristics of the stream, and also being able to map out points of interest (example a little body of water off of a stream). They would like to be able to start GPS navigation to start recording their trail, with having the ability to pause the GPS tracking (for bathroom breaks, lunch, etc), and having the ability to turn off the GPS tracking signifying the end of their trail.

This will as of right now only be used by students, so there is no need for roles / limitations to who can access what, everyone will have access to everything. There does need to be a login function for the students though for accountability purposes and logging their own trails. The main thing this app is going to collect is: GPS locations (trails), text identifiers, points of interest, date, time, username, wet/dry toggles, riffle/pool toggles, and optional pictures.

We're in agreement that they should have internet / data coverage while they are on their trail. They would like the ability for students to look at other students' information from other classes on the app. They would like the app to be divided into 2 parts (pages): One for being out on the trail collecting data, and one for interpreting / reading the data from a computer lab.

Dan Allen will be Emailing us resources / notes used in the past to identify streams to help us get a better understanding of what exactly they would want. He will also be sending us all documentation he has regarding the app itself, and what needs to be on it.