**Interview and Usability Test Notes**

**8 Participants**

* **4 Hikers**
* **4 Observers**

**SUS Score average: 84**

* Note: This is a high score, however there are two biased factors contributing to it:
  1. These interviews and surveys were done with friends and family members who were willing to participate.
  2. The feature set being tested was very limited, and did not require participants to log in, create accounts, or other common tasks it would most likely require to authenticate and connect users.

**The following are a compiled list of key quotes, notes, and repeated observations from the 4 hiker participants, and 4 observer participants.**

**Hiker Participants**

* "My family really enjoys tracking me, so it also is a fun way to have them part of the adventure.  They like zooming in on the maps so they can see exactly where I am."
* "I prefer to not have to pull my phone out and instead use other apps on my phone."
* "I would love using this for hiking." (This quote came from a participant who used it for jogging in their neighborhood.
* "I want it to show the distance covered."
* "It would be interesting if I could put in destinations or checkpoints along my route, and then see my progress to those points."
* "It would be kind of fun if Melissa could ping me, or send me messages."
* "Most of the time my phone screen was off, though I glanced at it a couple of times. Nike was in the background tracking.
* All hiker participants had a desire to use other apps while hiking, including fitness and music apps.
* "I wish it could do more, like show how long I've been out, and how fast my pace was."
* Battery life seemed to be the greatest concern for hiker participants.

"We kept wishing that it would show us the distance between each spot, his average rate of travel, the total mileage he had covered since the start of his trip, and other information like that.

**Observer Participants**

Instead of orange and green markers, it would be nice to have the current location marker be an image of the runner.

* "This is so great. It's like we can almost be together."
* Observers enjoyed having both the map, as well as the estimation.
  + One of the observers wanted to know not just how long it would be till the hiker returned, but also what time that would be (take the current time, add the estimated return time, and display that result).
* "I don't think I would be using this all the time, but it would be nice to periodically glance at it."
* Observers had a strong desire to have more information and context. For example, one participant wanted to know how cold it was and when the sun would be setting for the hiker.
* "Its kind of annoying that the map keeps re-centering on the current location. I want to be able to look at the surroundings on the map."
  + (This is a simple UI issue that can be easily fixed.)
* All 3 participants indicated that this is a system they would prefer to use on their phone instead of their laptop.