Weekly Scrum Report

Name: Vani Singhal

**What have I worked on?**

I worked on cleaning garmin data for 3 months and 6 months

**What will I be working on next?**

Next we would focus on analyzing garmin data and finding relationships

**Have I run into any issues? Do I need help?**

None so far

**Team Lead: Have I talked to the client recently? When are we meeting with them next?**

The last meeting we had with client is last week

Name:Ming-Han Hsieh

**What have I worked on?**

We processed the Garmin 3 month and 6 month data. Also, I combine the survey data and garmin data together, and plot the potential correlation between data.

**What will I be working on next?**

I would like to do some linear regression assumption to test the correlations.s

**Have I run into any issues? Do I need help?**

None so far.

Name: Ｗei-Tse Kao

**What have I worked on?**

I just completed processing the 3 month and 6 month Garmin data of my part, and merged data for each participant to one file.

**What will I be working on next?**

I will do some test for hypothesis of linear regression to the data and also try to find the pattern of relationship between the attributes in the processed Garmin data.

**Have I run into any issues? Do I need help?**

No.

Name: Jessica Woo

**What have I worked on?**

I finished cleaning up my part of the 3 month and 6 month Garmin data. I wrote the introduction for the report and did some preliminary data exploration by creating a correlation matrix for each of the Garmin data types to see potential relationships.

**What will I be working on next?**

I will be working on validating the hypotheses with my team by doing a hypothesis test.

**Have I run into any issues? Do I need help?**

I’m not sure how accurate the floorsClimbed data is because from what I’ve found online, the Garmin watch measures this data through a barometer, so it detects changes in elevation. It seems like the way it measures the floorsClimbed is inaccurate though since climbing the stairs while holding onto the rail will prevent the watch from recording floorsClimbed properly. Also, when it’s very windy the watch will record floorsClimbed because of the difference in air pressure. It doesn’t seem like this data is very reliable, so I don’t know if we should exclude it from our analysis, or find a way to remove those abnormal values.