Group Name: LEAN

Date of Meeting: 03/24/2016

Location of Meeting: SSC 014

Start and End Times: 8:00 - 9:15

Members Attending: Jeremy, Jorge, Robert

Members Not Attending: Justin

Guests Attending:

**Review of Current and Pending Milestones**

Database tables reformatted to separate the different sensor readings into their own tables.

Database Test Requirements corresponding to requirement 8 have been added to the test document.

Requirements 7 have added to the test document.

Ad-Hoc networks of the raspberry pis have been successfully merged.

Accelerometer, temperature, and luminosity sensors are all hooked up and working.

**Summary of Progress on Action Items Due At This Meeting (Member Reports)**

Robert - Uploaded new database layout to Google Drive. Updated the test document for the database testing on Google Drive..

Jorge - Demonstrated how the new merged network is working. Gave report on how the network will use different subnets to manage the routing and handle pod drops.

Jeremy - Demonstrated the sensors being used. Reported on the format to expect the readings to be presented in.

**Discussion of Current Group Status WRT Current and Pending Milestones**

Database structure finished. Focus moving on to the Python script to receive the data from the sensors and write to the database.

Complete network has been established. Focus moving on to the use of different subnets to accommodate pod drops.

I2C software complete for all sensors except GPS. Focus moving onto GPS and formatting for data transfer to the server.

**Decisions with Respect to LONG TERM WHOLE GROUP GOALS.**

No new decisions made. Continue work as scheduled.

**Discussion of Action Items and Action Item Assignment for Next Meeting**

Justin - Begin work on ideas for the presentation format with the new proof of concept scope.

Jeremy - Presentation of the GPS I2C software and progress report on the data transmission software.

Robert - Presentation of the software to receive the data from the sensors and write to the database.

Jorge - Presentation of the use of subnets to partition the network.