WEEKLY STATUS REPORT

DATE: 2/14/16 – 2/20/16

What I did this week:

- Reviewed GLADE reference manual, took notes in engineering logbook, and went through first tutorial
- Created rough sketch of GUI template
- Brought oscilloscope to Aram's house. Tested and measured voltage from power supplies, 9V battery, and current sensor. All seemed to be behaving as expected.
- Created flowchart image of Aram's machine process and uploaded it to Github
- Completed Weekly Status Report

Any issues I encountered:

- There were discrepancies between measured voltage values of the current sensor using the oscilloscope and values obtained from the sensoray. The values obtained from the sensoray lead us to believe the power supply and current sensor are not outputting their correct voltage. A plot of the data shows fluctuations of 2-3 volts. However, by directly measuring each of these components using the oscilloscope, and viewing a wide range of data, they seem to be outputting their expected value. The fluctuations show less than a volt. Perhaps the problem is lies within the sensoray? Will need to iron out the issues during Monday meeting.

What I will be working on next:

- Going through more GLADE tutorials
- Create GUI template based on rough sketch
- Determining issues with sensoray
- Work on block diagrams

Notes:

None