

# Individual Weekly Report

Name: Kris Gavvala

Team: Powerglove

Date: 3/31/2025

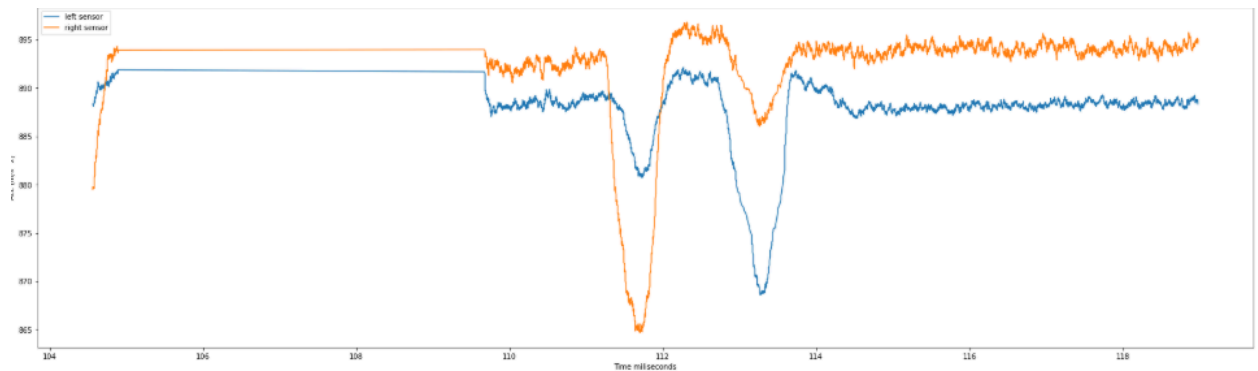
## Current Status

1. What did you **personally** work on this past week?

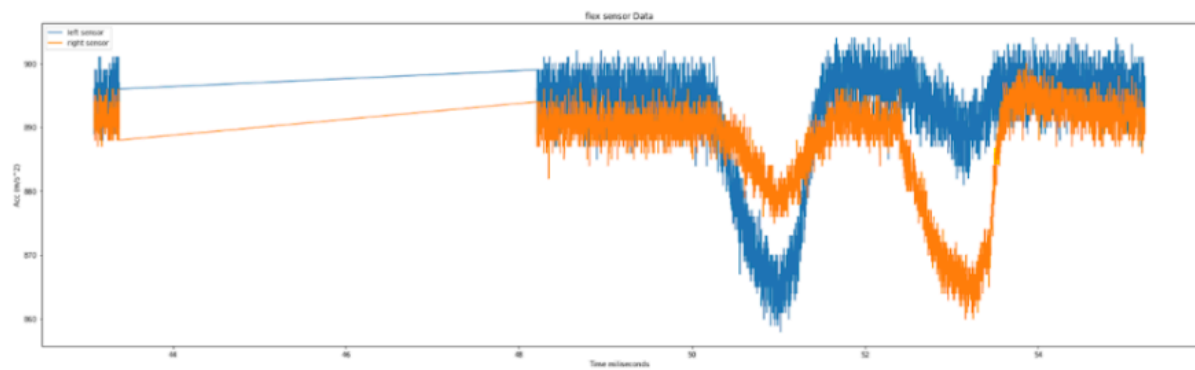
Task	Status	Time Spent
Arranged hardware on protoboard	done	3 hrs
Fixed click sensors	done	1 hr

Include **screenshots/graphics** to illustrate what you did this past week:

Kalman filtered flex sensor:



Unfiltered flex sensor:



2. What problems did you run into? What is your plan for them?
  - a. I put the accelerometer on the back of the hand but it won't fit into the cover we have for the glove, i need to find a different orientation that points the accelerometer on the index finger but also allows it to fit into the box.
3. What is the current overall project status from your perspective?
  - a. We are getting towards having all the glove parts put together
4. How is your team functioning from your perspective?
  - a. I think we should probably speed up our execution.
5. What new ideas did you have or skills did you develop this week?
  - a. I had some ideas for using the magnetometer to adjust for orientation changes
6. Who was your most awesome team member this week and why?
  - a. Will did some good work with the GUI

### Plans for Next Week

What are you going to work on this next week?

- Further fine-tune mouse movement so that all angles of movement are registered.
- Move accelerometer so that it fits into glove box