Individual Weekly Report

Name: Kris Gavvala

Team: PowerGlove

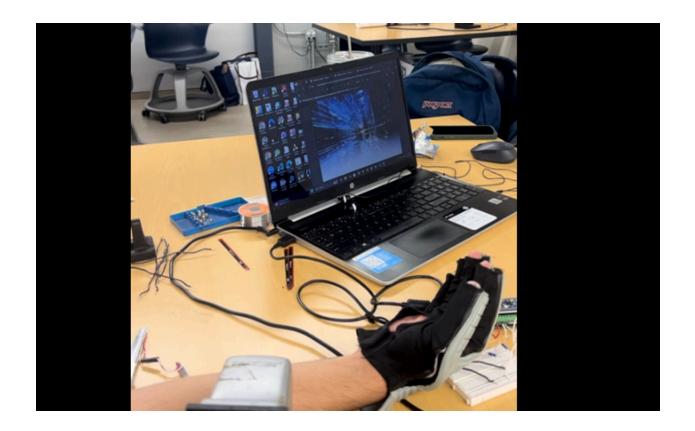**Date:** 3/3/2025

Current Status

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

Task	Status	Time Spent
Helped calibrate glove after moving hardware in	finished	2 hours
Ordered new parts: laser and accelerometer gyroscope	finished	2 hours

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

Customer Service Representative		Shipping Method		Terms
Internet Customer Service		UPS Ground Service		Credit Card

Bill To GAVVALA, ABSHAI
4079 RICHARDSON LN
SEALY, TEXAS 77474
UNITED STATES

Ship To KRIS GAVVALA
4118 COMMANDO TRL
COLLEGE STATION, TEXAS 77845
UNITED STATES

Line Number	Mouser Part Number Customer Part Number Manufacturer Part Number Description	Requested Delivery Date(s)	Estimated Shipment Date(s)	Quantity	Unit Price (USD)	Extended Price (USD)
1	485-4438 RoHS 1 4438 Adafruit LSM6DSOX 6	MAR 02, 2025	MAR 02, 2025	1	11.950	11.95
2	392-101250 RoHS 1 101250 laser, 650nm, red, 5	MAR 02, 2025	MAR 02, 2025	1	3.160	3.16

2. What problems did you run into? What is your plan for them?

    I am having a little trouble implementing the zoom in/ zoom out features. Seems to be a little more challenging than we anticipated. I will work more on it this week and go from there.

3. What is the current overall project status from your perspective?

    We had a little bit of a lull last week. This week we aim to get back on track and implement a couple key features to approach our end goal.

4. How is your team functioning from your perspective?

    I think its going alright. We are starting to move into the phase where everything gets integrated so it should be exciting.

5. What new ideas did you have or skills did you develop this week?

    Learned a little bit more about the specifications for the nrf52840 and if it would allow us to

process information fast enough to make our glove responsive.

6. Who was your most awesome team member this week and why?
   Aaron did awesome work with integrating the flex sensors into the glove structure. Brint also put in a lot of work making the cursor movement smooth.

Plans for Next Week

What are you going to work on this next week?

- create a housing to attach laser and accelerometer to the index finger
- Implement and test the zoom feature through flex sensors or proximity sensors
- Move more hardware into the glove: buttons, battery, mcu board