

Individual Weekly Report 6

Name: Aaron Martinez

Team: The Gauntlet

Date: 3/17/25

Current Status

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

| Task | Status | Time Spent |
|-------------------------------------|-------------|------------|
| Finish inputting flex sensors | done | 1hr |
| Program thresholds for flex sensors | In progress | 1hr |
| | | |

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

```
if(sensor0>80){
  digitalWrite(led0,HIGH);
  Serial.println("Sensor Value 0: " + String(sensor0));
}
else if(sensor1>80){
  digitalWrite(led1,HIGH);
  Serial.println("Sensor Value 1: " + String(sensor1));
}
else if(sensor2>80){
  digitalWrite(led2,HIGH);
  Serial.println("Sensor Value 2: " + String(sensor2));
}
else if(sensor3>80){
  digitalWrite(led3,HIGH);
  Serial.println("Sensor Value 3: " + String(sensor3));
}
```

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

The flex sensor for the thumb was too big to fit into the glove. We ordered a smaller one to fit inside without bending.

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

The overall project status is around 50% done. I think the end might take us some time.

4. How is your team functioning from your perspective?

The team is functioning great. Everybody is doing their part.

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

A new idea I had was for different hand configurations to mimic mouse input.

6. Who was your most awesome team member this week and why?

The most awesome team member this week was grant. He was able to configure an encoder to get the buttons working.

Plans for Next Week

What are you going to work on this next week?

I am going to work on finishing the flex sensor threshold values and integrating everything into the glove for a prototype.