Sprint #1 Report

Team: Treat Dispenser

PM: Adam Dost

Dates: 03-30 to 04-06

Goals & Tasks

SPRINT 01	GOAL: Start technical manual, wrap up remaining individual tasks from project			
Adam	FINAL DOC (A),(B)	100%	4/1/20	4/6/20
Gage	Manual - RPi Initialization + Connections	100%	4/1/20	4/6/20
Robby	Power Analysis of the PCB -based device / Mono Jack Setup	50*%	4/1/20	4/6/20
Zainab	Manual - Refine PCB - Sensor portion / Solder Proximity Sensor portion	100%	4/1/20	4/6/20
Jachan	Soldering - Remaining Modules | Manual PCB Servo	100%	4/1/20	4/6/20

Manual - RPi Initialization + Connections

- Assigned to Gage Moore
- Technical Manual
  - Begin the introduction portion of the Raspberry Pi implementation in the manual
    - Completed and Verified via Google Docs
- MCU Build
  - Received a clone of the Treat Dispenser Device from Robby.
  - Will begin inserting the components later this week.

Manual - Refine PCB - Sensor portion / Solder Proximity Sensor portion

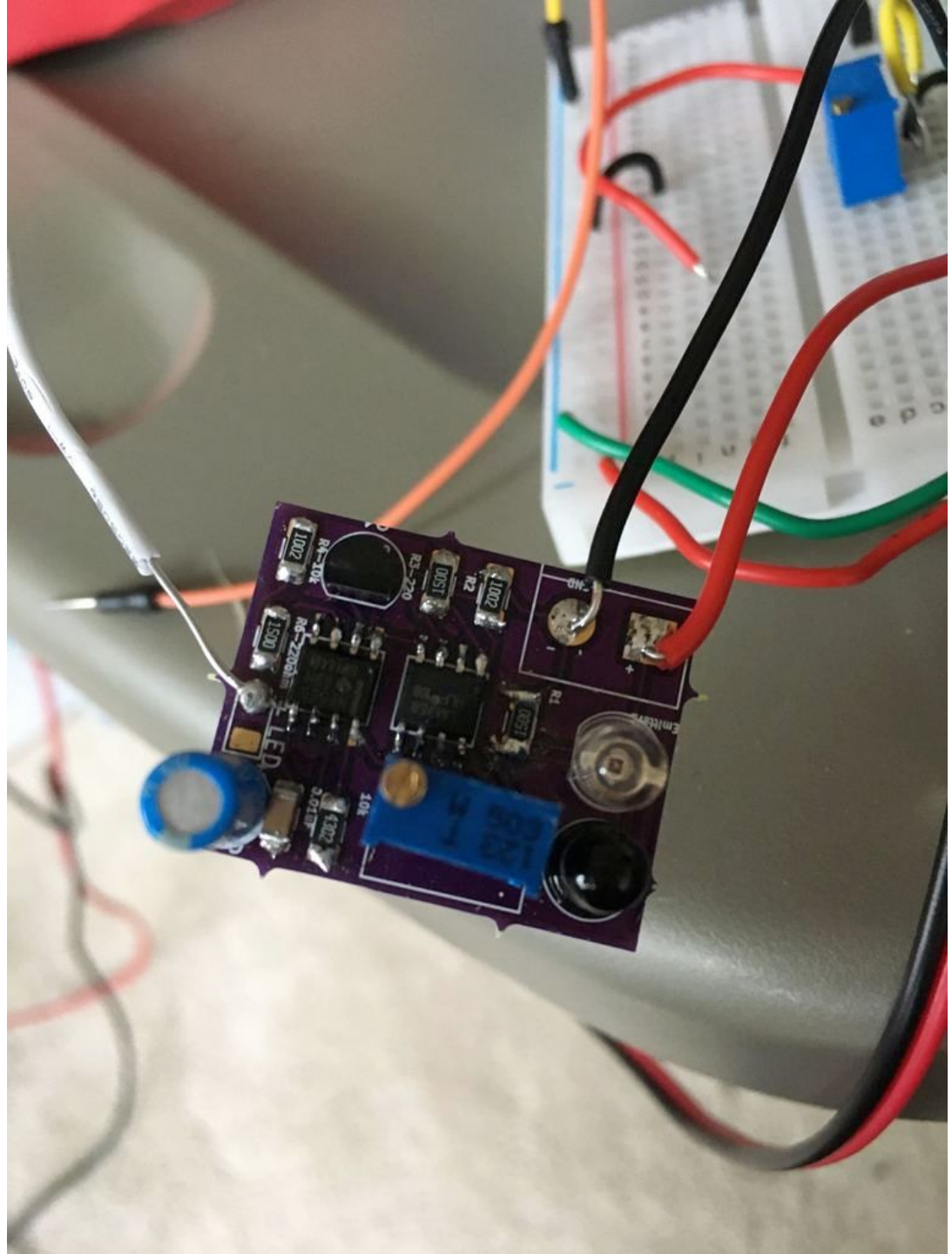
- Assigned to Zainab Abdullahi
- Technical Manual
  - Feedback Sensor Schematic & Indicator PCB
  - Step by Step process of how to procure the PCB for future use
    - Completed and Verified via Google Docs
- Jachan provided assistance due to availability of soldering iron and soldered the proximity sensor
  - Verified via Slack Photo Upload

FINAL DOC (A),(B)

- Assigned to Adam Dost
- Final Document requirements for section A and section B. Both parts were fairly straight forward and simple to complete.
    - Completed and Verified via Google Docs
- Reviewing Technical Manual and editing the manual while group members are adding information to it so it is presentable.

Soldering - Remaining Modules | Manual PCB Servo

- Assigned to Jachan
- Feedback Circuit soldering completed
  - Verified via Slack. Video to be uploaded and posted later
  - Circuit is designed to respond after 1s of delay.
- Manual portion for the PCB completed
  - Verified via Google Docs



Power Analysis of the PCB -based device

- Assigned to Robby Wignall
- Robby is **blocked** from completing this task until Wednesday due to the PCB for Feedback Sensor not being delivered until then. Prior to that Robby has been working on the parent device and addressing several members feedback on the device's current state.
- Expected to complete Power Analysis by Wednesday Evening.
- Monojack Input completed.

Notes on Deliverables

- Technical Manual is expected to be completed by April 10th
- Final Document has been extended to May 4th. We are still planning to complete by May 1st.