

Meeting Minutes 8

Date: Feb 27 – Feb 28, 2021

Time 2:00pm – 3:00pm & 11:00pm – 12:00pm

Location: ENA305

Attendees:

- Max
- Jaden
- Gurnoor
- Isabella
- Steve
- Sahib

Agenda

1. Action Item Review
2. Action Items
3. Expenditures
4. Issues or Concerns

Action Item Review

A27

Item: ESP-Now Complex Communications
Person: Jaden
Update: Has a good state machine. The code can transition through all the needed states.
Challenges: Doing logic calculation for flex sensor values. Will try Arduino Map function.

A28

Item: ADC Circuit
Person: Gurnoor
Update: Made good progress and posting it on the GitHub
Challenges: Still need to test some things. Playing with gain of op amp.

A29

Item: Sewing on Sensors to glove
Person: Isabella
Update: Working and looking great. Functional.
Challenges:

A30

Item: Casing of glove component
Person: Steve
Update: Looking good. Fits well and ideal for our MVP.
Challenges:

A25

Item: RC car model
Person: Sahib
Update:
Challenges: Struggling with getting it powered / moving.

A32

Item: Programming ESP-Now transmitter side.
Person: Max
Update: Transmitter side working well enough for the MVP. Made a unity model hand to imitate the gloves movements.
Challenges:

Action Item Assignment

A33

Item: State machine Diagram and Future Coding
Description: Have a diagram of state machine and functioning code for ESP32 working towards final product.
Person: Jaden
When: March 6

A34

Item: Casing of Final product.
Description: Needs to determine the power supply casing and be ready to wear.
Person: Steve
When: March 6

A25

Item: RC Car running
Description: Have the RC car working
Person: Sahib
When: March 6

A35

Item: Glove Power testing
Description: Cleaning up prototype and testing different power sources for glove.
Person: Isabella
When: March 6

A36

Item: Glove software interface
Description: Receiver side of code. Building off python script and Unity code.

A37

Person:	Max
When:	March 6
Item:	PCB design of final product
Description:	Getting the schematic done and ready to send in for printing.
Person:	Gurnoor
When:	March 6

Expenditures

Issues of Concerns

ESP-32's has not been working consistently. Code needing to be reuploaded when testing on other computers. One of them may have been damaged.

Next Meeting

Date:	March 6,
Time:	11am
Location:	Online