

# Meeting Minutes 7

Date: Feb 13, Feb 14, 2023

Time 2:00pm – 3:00pm. 11:00am – 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 communication  
Person: Jaden  
Update: Formatting code and creating a state machine, thinking of having the transmitter side do logic on values before sending.  
Challenges:

A28

Item: ADC circuit design 1  
Person: Gurnoor  
Update: Tested breakout board more. Playing with different gains.  
Challenges: Not looking super accurate.

A29

Item: Sewing on sensors to temp glove  
Person: Isabella  
Update: Got all five sensors on and looking great.  
Challenges: Might need some adjustments it prevents sensors from getting stuck.

A25

Item: RC car Model  
Person: Sahib  
Update: Kit has been assembled.  
Challenges: Issues with power supply. Will try a 9V battery.

A30

Item: Casing of glove component design.  
Person: Steve  
Update: Printed off a sample of casing.  
Challenges: Casing is a little too small for a half breadboard to fit into.

A31

Item: Programming ESP32 transmitter side.  
Person: Max  
Update: Has it working. Showed it paired with glove and tacking flex values on a bar graph. Via Bluetooth.  
Challenges: Original circuit idea didn't work due to lack of components. Used ESP32 to do ADC.

## Action Item Assignment

A32

Item: State Machine Transmitter.  
Description: Draw and code the transmitter side of glove. Calibration, pairing, resetting ect.  
Person: Jaden  
When: Feb 27

A33

Item: MVP Glove circuit casing  
Description: Will have the casing for minimum viable product. Able to wear and work on wrist.  
Person: Steve  
When: Feb 27

A34

Item: Testing RC Car  
Description: Running the car and ensuring it is working smoothly. Testing out inputs and seeing how it responds.  
Person: Sahib  
When: Feb 27

A35

Item: Glove Power Testing  
Description: Testing out different power sources for the glove so see what works. Also cleaning up wires on glove.  
Person: Isabella

When: Feb 27  
A36  
Item: PCB Design of glove.  
Description: Will have a schematic for our PCB print next time.  
Person: Gurnoor  
When: Feb 27

A37  
Item: Receiver software  
Description: Making a software that can receive and utilize the signal of glove.  
Person: Max  
When: Feb 27

## Expenditures

\$15 for gardening gloves.

## Issues of Concerns

We made some good progress this week and aiming to have our minimum viable product ready for after reading week. Still not sure how we will power the glove. Trying ideas out but could cause delays down the road.

## Next Meeting

Date: Feb 27, 2023  
Time: 2:00-3:00pm  
Location: ENA305