

Meeting Minutes 10

Date: March 12 – 13, 2024

Time 2:00pm – 3:00pm, 11:00am-12:00am

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

A38

Item: Coding for RC and PC communication switching.
Person: Jaden
Update: Decided to have Bluetooth connects for both RC and Glove go through PC app.
Challenges: Difficult to switch between app and RC.

A39

Item: ESP32 and Arduino wired communication
Person: Steve
Update: Working just need to add signal inputs from the app
Challenges:

A40

Item: Finish PCB design.
Person: Gurnoor
Update: Design is done. Jaden will review it and we will send it in for printing soon.
Challenges:

A41

Item: Desktop based App design
Person: Isabella
Update: Completed looking great and functionally good. Chart, port select, unity connect and RC controls added.
Challenges:

A42

Item: RC car case design and printing
Person: Sahib
Update: Case not ready yet but RC car is moving smoothly.
Challenges:

A43

Item: Desktop based App coding
Person: Max
Update: Functioning as the python script did. Need to program unity hand connection next.

Action Item Assignment

A44

Item: Improve Calibration of glove.
Description: Calibration right seems a bit off. Not getting the full 0 – 100 values more like 20-80
Person: Jaden
When: March 19

A45

Item: Final casing for Smart watch
Description: Finish design and print case
Person: Steve
When: March 19

A46

Item: Optimizing ESP32 smart glove code.
Description: Refactor code and look for ways to improve power consumption.
Person: Isabella
When: March 19

A47

Item: Order components and submit PCB
Description: Have everything ordered by next week
Person: Gurnoor
When: March 19

A48

Item: Casing of RC car
Description: Design and print a case for RC car
Person: Sahib
When: March 19

A49

Item: Code for ESP32 receiver on the RC car.
Description: App will send values that RC car will receive.
Person: Max
When: March 19

Expenditures

Issues of Concerns

Next Meeting

Date: March 19
Time: 2:00pm
Location: ENA305