

Meeting Minutes 11

Date: March 19-20, 2024

Time 2:00 pm – 3:00 pm, 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

A44

Item: Improve Calibration of glove.
Person: Jaden
Update: Working
Challenges: Still needs some adjustments to making it better.

A45

Item: Final casing for Smart watch
Person: Steve
Update: Completed
Challenges: Need to see if it fits PCB when parts come in

A46

Item: Optimizing ESP32 smart glove code.
Person: Isabella
Update: Worked on Jaden's code. Started documentation.
Challenges:

A47

Item: Order components and submit PCB
Person: Gurnoor
Update: Completed waiting for it to be delivered.
Challenges: Taking longer to delivered than expected.

A48

Item: Casing of RC car
Person: Sahib
Update: Almost done will get Steve to print after he looks it over.
Challenges: Base might be too thick.

A49

Item: Code for ESP32 receiver on the RC car.
Person: Max
Update: The glove works great and was able to get car to work with it.
Challenges: Communication between app and RC needs work. Loses connection too often.

Action Item Assignment

A48

Item: Casing of RC car
Description: Continue working on it and send file to steve to print.
Person: Sahib
When: March 26

A49

Item: Code for ESP32 receiver on the RC car
Description: Improve the communications between app and car. Improve app so stop it from crashing.
Person: Max
When: March 26

A44

Item: Improve Calibration of glove.
Description: Continue going over glove code. Improve calibration and add comments.
Person: Jaden
When: March 26

A46

Item: Optimizing ESP32 smart glove code.
Description: Same as last time. Improve code with Jaden and adding comments. Clean and refactoring code.
Person: Isabella
When: March 26

A50

Item: Assemble PCB
Description: Hopefully parts arrive, and we can put it together for final product.
Person: Gurnoor
When: March 26

A51

Item: RC Car clean up
Description: Fixing and organizing the wires and layout of the car. Refine it so it is more presentable.
Person: Steve
When: March 26

Expenditures

Batter: \$11 x2

PCB: \$60 for printing and shipping

Components for PCB: \$50 – Will list the components ordered next time. I forgot to ask.

Issues of Concerns

RC car communication is not working perfectly. Might be communication protocol or due to lack of power when the motors are running. We need to do some testing.

We are in the final stretch of project. Things are going well we will start documentation for deliverables this week.

Next Meeting

Date: March 26, 2024
Time: 2:00pm – 3:00pm
Location: ENA305