

Building Smart Drones with ESP 8266 and Arduino| MENTOR MEETING

6th November 2019 | Time: 11:30 AM – 12.30 PM | Meeting location: Zoom Meeting

Type of Meeting:

Video Conference

Attendees:

Mentor: Dr. Duo Chen

Team Members:

Thati, Sravika

Patel, Binal

Mohammed, Ehteshamuddin

AGENDA

Time allotted: 11.30 AM – 12:30 PM

Agenda topic: Discussion about the issues and progress of the project.

Minutes:

Presented working model of drone with correct calibration, spinning of motor, connected remote controller transmitter and receiver.

- **Question and Answer:**

1. **Binal, Sravika: How to proceed with next task if are unable to find solution of taking off drone?**

Answer: First focus on building drone, take off and handle drone using remote controller.

2. **Binal, Sravika, Ehteshamuddin: What can be a problem if drone is not take off or fall-down on one side?**

Answer: The Possibilities can be with the motor calibration or the motors are not getting equal voltages to spin.

3. **Binal, Ehteshamuddin: Is propeller's length matter to take off drone?**

Answer: It can be but may be some other problems with motors or calibration.

4. Ehtheshamuddin, Sravika: Can you give us some guidance or reference material to handle this issue?

Answer: Showed online tutorial from Udemy to build a drone and suggested to buy Udemy course if the course become cheaper. Also, referenced some online website which have solutions for this same problem.

Conclusion: Showed demo of working model of drone and discussed progress with current issue to solve for the drone flying. Detail discussion occurred on “Is there any issue with motor, calibration or any other issues. Discussion ended to try some solutions from online courses and other referenced website and aimed to first make drone using remote controller.

Future Action Items:

- Work with First version of the technical report.
- Prepare for the poster presentation.
- Solve error of “GPS” for the Follow me Drone.
- Continue to work with controlling drone by smart phone.
- Complete Follow me drone using smartphone.
- Watch videos about making Mission control drone.

Deadline: 19th November 2019