Building Smart Drones with ESP 8266 and Arduino | MENTOR MEETING

3rd September, 2019 | *Time: 05:00 PM – 06:00 PM* | Meeting location: Zoom Meeting

Type of Meeting:

Video Conference

Attendees:

Mentor: Dr. Duo Chen

Instructor: Dr. Sha

Team Members:

Thati, Sravika

Patel, Binal

Mohammed, Ehtheshamuddin

AGENDA TOPICS

Time allotted: *05:00 PM – 05:40 PM* | Agenda topic: *Project Initial Discussions*

Discussion Conversation:

- Detailed description about the project.
- Introduction to the few hardware components.
- Discussed about the required components for the first drone 'Follow me Drone'.
- Discussed about the budget of the project with the consideration of quality and reliability.

Action Items:

- Read the text book 'Building Smart Drones with ESP 8266 and Arduino'.
- Gather more information by watching videos and tutorials.
- Research on the components.
- Prepare Excel sheet that includes components, price, links to be purchased and their Comparisons.

Deadline: 10th September, 2019

Questions and Answers:

1. **What is telemetry?**
   Telemetry is use in drone for communication. It is useful to send and receive data.

2. **What is ESP 8266?**
   It's chip. It is wifi microchip use to connect a wifi networks.

3. **Is there any specific preference to buy components for the drone?**
   No there will be no preference regarding vendors for components. But components should be good quality and have capacity to perform required tasks means they should be reliable. Mainly focus on lower cost and reliability of components. Also, overall cost should be in budget.

4. **Project required to build 'drone frame' from scratch or use ready 'drone frame' from the market?**
   Project requirements allows to use ready drone frame.

5. **Which drone has higher priority to build for the project?**
   As per meeting discussion "Follow me Drone" should be build first then start to focus on other two drones "Mission Control" and "Video and Selfie drone".