Project : Multiple Drones Coordination

Problem Sponsor : Dr. Zhong

Meeting Date: 2024-11-04 8:00 PM

Group Members Present: Brenden Martins, Matthew Paternoster, Matthew Wyatt, Tarek Kayali, Tutku Gizem

1. Introduction

Meeting started with a brief overview of the project objectives.

2. Progress Updates

- Simulated Environment: Reported initial setup of the 3D simulation environment has been successful, with an example disaster ridden setting along with collision boundaries setup.
- User Interface: Introduced UI mockup and potential features. Also discussed what other features can be implemented along with what can be improved.
- Team reviewed the system and subsystem state diagrams to clarify state transitions during possible mission phases and emergency handling.
- Group walked through the detailed flow of Use Case 1, verifying that all states and transitions aligned.

3. Team Member Responsibilities

- **Tutku Gizem Guder:** Target Detection Subsystem
- **Matthew Wyatt:** Data Management and Communication Subsystems
- **Tarek Kayali:** Drone Control Subsystem
- **Brenden Martins:** Simulation Management Subsystem
- **Matthew Paternoster :** User Interface Subsystem