

Project Iteration 3

Due Mar 16

Iteration 2 Feedback:

- For each drone take into account the time it takes to arrive at each zone (use formula from iteration 0). Travel time for the drone to arrive at the zone: Hundey
- Add buffer time in between events for each drone: Hundey
- Calculate distance between drone and fire event (middle of the zone): Yasmin
- Drone should be in idle state after refilling: Yasmin

Members: Yasmin, Hundrey

Breakdown

Diagrams

- Update Sequence: Mahad
- Update UML: Andrei
- State Machine Diagram: Mahad

Members: Mahad, Andrei

Code

- Scheduler to coordinate movement of multiple drones with balanced workloads: Abdel
- Drones to report status independently and handle commands from Scheduler: Yusuf
- Implement UDP Communication for coordination between Scheduler, Fire Incident Subsystem and Drone Subsystem: Abdel
- Unit tests: Yusuf, Andrei

? Members: Abdel, Yusuf, Andrei