

## **Project Iteration 5**

### **Due April 5**

### **Breakdown**

#### Code

- Add a graphical user interface showing each drone's location, fire statuses, and any faults: Mahad, Yusuf
- Record the time it takes to extinguish all fires and the distance required to reach desired zone in the input file: Yasmin
- Collect and log overall performance metrics (response times, fire extinguish times, etc.): Andrei
- Unit and Integration Testing: Hundrey
- Update the drone assignment logic to ensure all 10 drones are utilized for fire zones including sending drones with remaining solution to new fire zones before returning to base, based on available battery life: Abdel
- Bug testing and code cleanup: Hundrey

Members: Everyone