1. Assigned to Zach Janicki

As a DRONOLOGY USER, I want a SERVER CONNECTION, so that I can establish a path or become the leader

    Acceptance criteria:
- All users should be able to connect to the server in any order.
- If it is the lead drone, it should be able to send its path
- If it is an auxiliary drone, it should be able to request to receive a path

2. Assigned to Zach Janicki

As a DRONE, I want A PATH, so that I know where to fly

    Acceptance criteria:
- All auxiliary drones that are not the leader should be able to ping the server and receive a path
- The path will include speeds and way points
- The path will be calculated on request
- The path will be calculated depending on the order of request received. That is to say, drone ID 1 will receive a different path than drone ID 2 etc...

3. Assigned to Michael McRoskey

As a PATH REQUESTER, I want A PATH, to fly in a straight line

    Acceptance criteria:
- Server connection exists
- Path is computed based on Leader's path
- Path is returned to requesting source

4. Assigned to Michael McRoskey

As a PATH REQUESTER, I want A PATH, to fly in a flying V

    Acceptance criteria:
- Server connection exists
- Path is computed based on Leader's path
- Path is returned to requesting source

5. Assigned to Alanna McEachen

As a DRONOLOGY USER, I want to SIMULATE DRONE MOVEMENT, so that I can test the legitimacy of the formations and paths

Acceptance criteria:
- The server should be invoked and connected to
- The main program should be able to be invoked in simulator mode
- The main program should connect to dronology and be viewable from the dronology UI

6. Assigned to Alanna McEachen

As a DRONOLOGY USER, I want to DEPLOY MY APPLICATION TO DRONES, so that I can fly in formations

Acceptance Criteria:
- The server should be invoked and connected to
- The main program should be invoked on seperate machines and connect to the server
- The drones should fly in formation

DRONE CLIENT

DRONE CLIENT CODE

SERVER HOST CODE

DRONE CLIENT

SERVER