

Team sdmay22-33

Project Title: Energy vs Data Quality in Drones Monitoring

Date: 10/31/21

Members:

Noah Kelleher

Jonathan Kelly

Nathan McKay

Ricardo Ramirez

Adnan Salihovic

Hengwei Chen

What we've accomplished in the past week/what we've been researching

Noah Kelleher - Discussed further project requirements with client and researched flight planning algorithms

Jonathan Kelly - Researched simulation software

Nathan McKay - Researched FAA regulations and drone flying techniques

Ricardo Ramirez - Learned and researched flight simulation techniques

Adnan Salihovic - Researched flight algorithms and read through documents given by client

Hengwei Chen - talked about the further requirements of the project

What we're planning to do in the coming week

Noah Kelleher - Continue research on flight planning algorithms and decide on simulation framework

Jonathan Kelly - Continue researching simulation software

Ricardo Ramirez - Continue researching flight algorithms and complete documentation

Adnan Salihovic - Continue algorithm research and finish reading documents.

Hengwei Chen - simulation software work and more researches.

Nathan McKay - Meet with client to finalize software

Issues we had in the previous week

Noah Kelleher - Full schedule with other classes, so I was not able to get as much work in for the project as I wanted

Jonathan Kelly - There was not a major assignment due for this class this week and I was busy with other classes so I did not spend as much time as I normally would on this class

Nathan McKay - Hard to find all relevant information about the FAA

Ricardo Ramirez - Not many issues, difficulty finding time to research project

Adnan Salihovic - I didn't run into many issues at all, more of a relaxed week for this class.

Hengwei Chen - had many exams in this week, haven't split enough time this week for the project