CprE 491 Weekly Report - Week 8

Dates: 10/20/15 - 10/26/15
Group: May1617
Advisors: Dr. Zambreno / Dr. Jones
Client: Matt Dresser (Vermeer Corporation)
Members: Brian Gillenwater, Nate Kent, Quinn Murphy, Bryce Poellet, Jon Schlueter
Project Title: Quadrotor Environment Mapping

Weekly Summary

- Design Document
- Drone Received

Meeting Notes

Friday 10/23/15 10:00am - Advisor Meeting (All Present except Dr. Jones)
- Received the Drone
- Presented draft of design document

Monday 10/26/15 10:00am - Team Meeting (Quinn, Nate, Brian, Bryce, Jon)
- Finalized the Design Document
- Code Compiling make vs VS
    - Source code in repo no project files
- Taking the drone out
    - Wednesday 10:30am
    - Lawn Mower / Spiral
    - 200 photos

Pending Issues

- Amount of photos to process

Plans for Next Week

- Photogrammetry pipeline
    - Nate
- Development
    - Jon, Quinn, Brian, Bryce

Individual Contributions

- Brian Gillenwater
  - Maintained website
  - Design Document
  - Setup Dev Environment
- Nate Kent
  - Investigated the use of VisualSFM and the photogrammetry pipeline
  - Worked on the design document
- Quinn Murphy
  - Determined byte fields for communication
  - Worked on Design Document
- Bryce Poellet
  - Worked on Design Document
- Jon Schlueter
  - Started ALIS Command Center
  - Added signal handlers for all GUI elements
  - Added About window and Device selector window

Name	Hours this Week	Cumulative Hours	Role
Brian Gillenwater	2.0	13.0	Webmaster
Nate Kent	3.0	13.5	Productivity Officer
Quinn Murphy	2.0	13.0	Leader
Bryce Poellet	2.0	13.5	Communications
Jon Schlueter	3.0	15.0	Key Concepts