

CprE 492 Weekly Report - Week 13

Dates: 4/11/16 - 4/17/16

Group: May1617

Advisors: Dr. Zambreno / Dr. Jones

Client: Vermeer Corporation

Members: Brian Gillenwater, Nate Kent, Quinn Murphy, Bryce Poellet, Jon Schlueter

Project Title: ALIS

Weekly Summary

- Finalized Windows App
- Finished ALIS LITE

Meeting Notes

Meeting - Monday 4/11/2016 - 11AM (Brian, Bryce, Jon, Quinn, Nate)

- Work on poster
- ALIS LITE Development

Drone Test Flight - Wednesday 4/13/2016 - 1PM (Brian, Bryce)

- Realized that 5 photos was not enough
- Flight Algorithms continued to work

Development Meeting - Friday 4/15/2016 (Brian, Bryce, Jon, Quinn, Nate, Vermeer)

- Poster Discussion
- 9 Photo discussion

Drone Test Flight - Wednesday 4/17/2016 - 1PM (Brian, Quinn)

- Captured Several Sets of Photos
- Fixes to Navigation Algorithm
- Video Capture of Drone Flight

Pending Issues

- Photo Download
- Polygon counts and texture quality

Plans for Next Week

- Final Report
- Photo Transfer
- Model Decimation

Individual Contributions

- Brian Gillenwater
 - Poster
 - Integrating File Transfer
- Nate Kent
 - File Transfer
 - Poster
- Quinn Murphy
 - Fixed Color temp of images taken
 - Setup Video record on drone
 - Added 9 waypoints back to Drone
 - Made Final Poster
- Bryce Poellet
 - Photo Transfer
 - Fixes to Windows App
 - Poster
- Jon Schlueter
 - Model generation
 - Poster

Name	Hours this Week	Cumulative Hours	Role
Brian Gillenwater	11.0	99.0	Webmaster
Nate Kent	7.5	80.5	Productivity Officer
Quinn Murphy	11.0	101.0	Leader
Bryce Poellet	11.0	105.0	Communications
Jon Schlueter	7.0	98.0	Key Concepts