

# CprE 492 Weekly Report - Week 3

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**Dates:** 1/25/16 - 1/31/16

**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:** ALIS

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## Weekly Summary

- Rectangular Algorithm Implemented
- DJI Simulator
- Networking Configuration UI Box

## Meeting Notes

### **Development Meeting - Monday 1/25/2016 - 11AM (All Members Present)**

- Discussion of Windows Networking and Google Maps

### **Advisor and Client Meeting - Friday 1/29/2016 - 12PM (All Members Present)**

- Drone Registration process started
- Demo of PC Software
- Licensing of Photogrammetry Software

## Pending Issues

- Drone Registration
- Capturing Reality License

## Plans for Next Week

- Windows Development Work
  - Save/Load Feature
  - Path between waypoints
  - Sending waypoints to Android application
- Android Development Work
  - Networking Integration
- Drone Registration

## Individual Contributions

- Brian Gillenwater
  - Android Development
  - DJI Simulator Research
  - Coordinate Drone Registration
- Nate Kent
  - Explore forums, investigate licensing.
- Quinn Murphy
  - Android Networking Coordination
- Bryce Poellet
  - Development of drone management on Windows App
- Jon Schlueter
  - Google Maps talkback
  - Context-aware buttons
  - Waypoint Generation (dynamically resized)

Name	Hours this Week	Cumulative Hours	Role
Brian Gillenwater	5.0	39.0	Webmaster
Nate Kent	2.0	36.5	Productivity Officer
Quinn Murphy	2.0	44.0	Leader
Bryce Poellet	6.0	48.0	Communications
Jon Schlueter	15.0	55.0	Key Concepts