

# CprE 492 Weekly Report - Week 11

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**Dates:** 3/28/16 - 4/3/16

**Group:** May1617

**Advisors:** Dr. Zambreno / Dr. Jones

**Client:** Vermeer Corporation

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

**Project Title:** ALIS

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## Weekly Summary

- Successful Drone test flight
- Capturing Reality testing
- Import Model into Unity
- Photo transfer back to Android working

## Meeting Notes

### Instructor Meeting - Monday 3/28/2016 - 11AM (Brian, Bryce, Jon, Quinn, Nate)

- Showed instructor final presentation
- Discussion of Network Security

### Drone Test Flight - Wednesday 3/30/2016 - 1PM (Brian, Quinn)

- Drone flight successful
- Discussion of waypoint improvement

### Development Meeting - Friday 4/1/2016 (Brian, Bryce, Jon, Nate)

- Discussion of camera angles
- SSL discussion

## Pending Issues

- Camera angles
- UI idiot-proofing
- Photo Download
- Polygon counts and texture quality

## Plans for Next Week

- Photo Transfer

- SSL Implementation
- Final waypoint flight test
- Model simplification

## Individual Contributions

- Brian Gillenwater
  - Setup OpenSSL CA and set up certs
  - Unity Project generation
- Nate Kent
  - OpenSSL Sockets
  - Presentation
- Quinn Murphy
  - Finalized waypoint traversal
  - Photo transfer from quad to android
- Bryce Poellet
  - Presentation
  - Photo Transfer
- Jon Schlueter
  - Unity Project generation

Name	Hours this Week	Cumulative Hours	Role
Brian Gillenwater	16.0	81.0	Webmaster
Nate Kent	5.0	69.0	Productivity Officer
Quinn Murphy	15.0	86.0	Leader
Bryce Poellet	7.0	88.0	Communications
Jon Schlueter	10.0	88.0	Key Concepts