

CprE 491 Weekly Report - Week 1

Dates: 9/1/15 - 9/7/15

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

Our team worked to find times to meet, and also met with Dr. Zambreno to discuss the project.

Meeting Notes

Advisor Meeting - Friday 9/4 4:30 pm

Attendees: Brian Gillenwater, Nathan Kent, Quinn Murphy, Bryce Poellet, Dr. Zambreno

Missing: Jon Schlueter (informed group before meeting), Dr. Jones - On Vacation

- Need to get clarification on project scope
 - Can we buy a quadcopter and just focus on the image stuff or do we need to build one?
- Market research: We should look at similar products/systems that do something similar
 - 4 commercial, 1 academic
- Speak with Matt Dresser ASAP
- Are there any flying or testing restrictions for quadcopters or autonomous drones.
 - Where can we fly/test this?

Pending Issues

- None

Plans for Next Week

- Meeting with Matt Dresser
 - Project Scope
 - Budget
- Research Commercial and Academic quadcopter systems that could be purchased
 - Compile technical specifications of these systems

Individual Contributions

- Brian Gillenwater
 - Attended advisor meeting
 - Weekly report design
- Nate Kent
 - Attended advisor meeting
- Quinn Murphy
 - Attended advisor meeting
 - Email to Client requesting meeting
 - Organized meeting time
- Bryce Poellet
 - Attended advisor meeting
- Jon Schlueter

Name	Hours this Week	Cumulative Hours	Role
Brian Gillenwater	1.0	1.0	Webmaster
Nate Kent	0.5	0.5	
Quinn Murphy	0.75	0.75	Leader
Bryce Poellet	0.5	0.5	Communications
Jon Schlueter	0	0	Key Concepts