

EE 491 Weekly Report

DEC15-10 IVend Product Delivery Sensor Design Analysis

Advisor: Dr. Zhengdao Wang

Client: Fawn Engineering

Members (roles):

Tyler Westberg (Team Leader)

Jacob Olstad (Communication Leader)

Tim Howell (Webmaster)

Steve Dorenkamp (Webmaster)

Seth Schmidt (Concepts Holder)

Weekly Summary:

This week was dedicated to meeting with George and to test the board with an increased number of detectors.

Group Meeting 9/08

Duration: 1 hour

Members: Jacob Olstad, Steve Dorenkamp, Tyler Westberg, Tim Howell, Seth Schmidt, George

Notes:

This meeting was held to catch George up on what we had accomplished last semester and what our plan is for this semester.

Group Meeting 9/10:

Duration: 3 hour

Members: Jacob Olstad, Steve Dorenkamp, Tyler Westberg, Tim Howell, Seth Schmidt

Notes:

This meeting was held to discuss our meeting with George and to work on testing the board with more detectors. This had very positive results and the group agrees that this is the most realistic way to move forward with the project.

Plans for next week:

1. Begin testing with more detectors

Members Contributions:

Tyler Westberg: Attended meeting with George and worked with team to verify "line of sight" theory as well as tested increasing the amount of detectors. Kept in contact with Fawn Engineering to set up team meeting in Clive.

Jacob Olstad: Meeting with George. Team meeting and work on creating Matlab script for line of sight with the led detector pairs.

Tim Howell: Meeting with George, updated webpage, verifying the line of sight theory and testing the addition of more detectors.

Steve Dorenkamp: Attended meeting with George and worked with team to verify "line of sight" theory as well as tested increasing the amount of detectors.

Seth Schmidt: Attended meeting with George, worked with team verifying line of sight, started documentation of the line of sight experiment

Project Contributions:

<u>Member</u>	<u>Time this week (hrs)</u>	<u>Time to date (hrs)</u>
Tyler Westberg	3.75	50.75
Jacob Olstad	5	63.5
Tim Howell	4	49
Seth Schmidt	3	44.5
Steve Dorenkamp:	3.75	38