

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 weeks goals were to finish the design document and to put together a list of components to have Fawn Engineering order for us so we could continue experimenting possible solutions and problems.

Group Meeting 3/10:

Duration: 30min

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

Notes:

This meeting was held to assign tasks for the design document. Everyone was assigned a particular section of the rubric and was expected to have their part completed for another meeting on Thursday.

Group Meeting 3/12:

Duration: 1 hour

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

Notes:

This meeting was held to finish putting the design document together. Everyone brought their completed sections of the document and we went over each section and complied them together. Tim was then left to finish up some of the formatting and submit the document. We also discussed the code we were given from Fawn engineering.

Plans for next week:

1. Mock up first solution
2. Attach Launchpad to board to test new code

Members Contributions:

Tyler Westberg: Worked with team on Design Document 1. Spent additional time finishing the fabrication of test boards which are now complete.

Jacob Olstad: Desing document work, and working on new code for launchpad to test.

Tim Howell: Worked on Design doc 1. Updated web page. Wrote part list to be ordered. Continued working with the code.

Steve Dorenkamp: 30min design document

Seth Schmidt: Design Document 1 with group, researched constructive and destructive interferences

Project Contributions:

<u>Member</u>	<u>Time this week (hrs)</u>	<u>Time to date (hrs)</u>
Tyler Westberg	6	28
Jacob Olstad	12	38
Tim Howell	4	24.5
Seth Schmidt	2	22.5
Steve Dorenkamp:	.5	16.25