

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 finishing the schematic. The BOM was then completed and Fawn approved both. Boards are expected to arrive in two weeks when we will complete final testing of the product.

Group Meeting 10/19:

Duration: 1 hour

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

Notes:

This meeting was held to go over a few concerns Fawn had with the last schematic and to finalize a few of the assembly details.

Group Meeting 10/21:

Duration: 1 hour

Members: Steve Dorenkamp, Tyler Westberg, Tim Howell, Seth Schmidt, Dr. Wang

Notes:

This meeting was held to update Dr. Wang on the schematics. Dr. Wang agreed that the schematics looked good and that we should be successful moving forward.

Group Meeting 10/21:

Duration: 1 hour

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

Notes:

This meeting was held to get the finished schematic off to Fawn. Fawn approved this last schematic and will have boards built over the next few weeks.

Plans for next week:

1. Continue work on firmware
2. Begin work on final presentation

Members Contributions:

Tyler Westberg: Team meeting and phone conference with Fawn. Biweekly meeting with Dr Wang. Spent time reviewing and revising schematics. Took safety class with Lee Harker to get certified to use drills.

Jacob Olstad: Meeting with Fawn, working on schematic and BOM

Tim Howell: Continued revision of schematics and BOMs. Meeting with Dr. Wang. Conference call with Fawn.

Steve Dorenkamp: Team meeting and phone conference with Fawn. Worked on updating schematics, BOM. Team meeting with Dr Wang

Seth Schmidt: Finalized the emitter schematics along with emitter BOM

Project Contributions:

<u>Member</u>	<u>Time this week (hrs)</u>	<u>Time to date (hrs)</u>
Tyler Westberg	5	80.75
Jacob Olstad	6	102.5
Tim Howell	6	83.5
Seth Schmidt	3	71.5
Steve Dorenkamp:	5.5	64.5