EE/CprE/SE 491 WEEKLY REPORT 09
Nov 8th, 2024 – Nov 14th 2024
Group number: 25-34
Project title: Laser Scan Readings for Propeller Measurement
Client &/Advisor: Linden Propeller (Gary Linden) / Dr. Mani Mina

Team Members/Role

Name:	Role:
Alan Whitehead	Testing
Elias Colsch	Client interaction
Denny Dang	Individual Component Design

Past Week Accomplishments

Name	Past Contributions
Alan Whitehead	I continued to refine the multisensor integration and seek feedback from Mr. Linden to improve the end product.
Elias Colsch	Received IR sensors and Arduino from Denny to continue proof of concept development while he travels for a job interview. Also set up a meeting plan with Mr. Linden and discussed potential products.
Denny Dang	Continue development in the IR sensor integration. He talked with Linden about potential products which were all shot down.

Weekly Summary:

This week, we continued to work on our prototypes. The IR sensors were finally set up and connected to an Arduino while we started our code. Our ultrasonic setup made steady progress, with outputs being produced and combined. We also started editing our team website. We needed to learn HTML, and we started customizing our website once we did some preliminary research.

Name	Individual Contributions	Hours this week	HOURS Cumulative
Alan Whitehead	I will work on finishing up the ultrasonic prototype and make a document. Basically telling him why this would be his best option. The advantages and disadvantages and potential vendors.	7	48
Elias Colsch	Worked on the IR sensor prototype and worked with Mr. Linden to set up a meeting. Also started editing our website.	6	48
Denny Dang	Continued work on IR sensor prototype. Mainly worked on code integration.	6	47.5

Plans for the upcoming week

Name	Future Contributions
Alan Whitehead	I will work on finishing up the ultrasonic prototype and make a document. Basically, telling him why this would be his best option. The advantages and disadvantages and potential vendors.
Elias Colsch	Will continue to work on the IR sensor prototype while

	continuing to communicate with Mr. Linden to set up meetings. Will also continue to update the website as we go.
Denny Dang	Will delegate help between ultrasonic and IR sensor prototypes and push for completing them.