Overview of Accomplishments:
Throughout this past week, our team has begun work on the project specifications, preliminary signal flow graph, initial proposal, initial presentation, and continued research on proximity sensors.

Joseph:
This week I worked on writing the project specifications. I believe we currently have a list of thing we would like to specify. However, I would like to discuss the exact specifications this week in our meeting. Also, I put together a preliminary high level signal flow diagram. This diagram gives us a basic framework to base our design around.

Connor:
This week I prepared for our presentation in the upcoming week. I worked on the initial proposal which contains background information on the project, current methods, our preliminary ideas of solutions, parts we will need, a timeline, and a budget.

Michael:
Over the course of this week I have continued my research into various sensors to be placed on our vehicle. While researching various proximity sensors and attempting to determine the best type for our project, I came upon the realization that a fish finder may work better for our desired purpose. There are various proximity sensors designed for fishing boats that will locate fish up to and exceeding 300 ft. These types of sensors are relatively low cost and appear to be exactly what we are looking for. Additionally, there is an optional probe that can be bought and attached to the vehicle that will generate a 3D, 360 degree field of vision underwater with a radius of 300ft. This probe is said to be able to show where everything in this field is, including fish and floating debris. This probe costs roughly three grand. Also, the fish finder has a depth and temperature sensor inherent in the sensor.

Questions:
- Do we have a computer we are going to use for the central computer?
- What are the current user interface’s capabilities?
- Do we need to purchase depth and temp sensors?

Future Goals:
For the upcoming week, our team would like to get our website working properly. We are still having issues uploading documents. Additionally, we will be exploring some of the hardware that has been provided to us by Professor Zhou, and if the AUV is delivered, we will get to begin preliminary testing of its capabilities. We will also be making a final decision on what sensors we will need to purchase and place a request for the money. After experimentation with all of our given parts, we will begin to design a system to use them all in conjunction.