**CAPSTONE ELEVATOR PITCH**

Keeping an aquarium takes a lot more work than buying a fish and adding water. Whether it’s a freshwater or saltwater tank, things like water chemistry, temperature, lighting and of course fish breeds, can determine the health of a tank. TANKMATE will be a one stop app to help you monitor the changes you have made to your tank and monitor the effects those changes have had on the evolution of your tank. No longer will you have to find old post-it notes, scroll through your camera, or worse rely on your memory.

**DEFINITION STATEMENT**

I want to create an app where it is easy to find and log all of the information one might need to keep a healthy aquarium. In this app I plan on having things like purchase trackers that will help you understand not only if the equipment you bought is lasting as long as it should, but also where you bought it and for what price. This way, if you need a replacement in the future you can quickly find the part or compare prices. Other features of this app will include a map of local stores, a shopping/to do list, and compatibility charts to avoid buying fish that won’t get along. The logs and photo sections will be some of the most useful things on the app. Photos are not only great for showing off but are also a great way to keep track of the health and growth of things in your tank. Something as seemingly small as changing a light bulb or changing the flow rate of a pump can seriously alter the environment in a tank. Logging a change and having photos to compare the effects can let you know if a change had its desired effect. In my experience, its hard to keep track of when exactly the last time was I replaced a filter cartridge, completed a water change or what the specific name of a fish or coral was. This app will serve as a hub to keep all of that information in one easy to access place.