

Name: Colton Barney

Class: IT354

Semester: Spring 2020

List of Languages/Technologies Being Used/Explored: Firebase API, HTML, CSS, Javascript, php

Repository Name: [https://github.com/cbarne/IT354/tree/master/Final\\_project](https://github.com/cbarne/IT354/tree/master/Final_project)

Gherkin Statements: I as a developer want to create a login API because it allows personalized user settings.

I as a developer want to create a form record because it allows backloging of results.

I as a developer want to upload images because it allows for record of past and present results.

I as a developer want to make a responsive website because the age of technology requires no less.

Summary of Project: It is designed to help create a format for writing down water parameters and working with a web format for keeping record. I aim to create a form section that will record the parameters as a record so one can review them later to double back and check where things went wrong. Also upload images of their tanks to track the progress.

Summary of Efforts: To learn more about the types of features web has to offer. Hopefully learning more about API's and forms. Aquascaping is a hobby of mine, and it is kind of meticulous since it requires strict attention to the different chemicals in the water. That allows for the survival of plants and fish alike.

Are You Using Github Stories: No

Are You Creating Branches, Then Merging Them Into master: Yes

**By turning in this contract I accept:**

- **My gherkin statements are driving the main part of this grade**
- **If there is a UI then it needs to be responsive to multiple screen sizes and device types**
- **If there is a custom backend then there needs to be a JSON schema provided**
- **If there are special instructions to run the program/application then they will be provided. Otherwise there is a severe penalty due to being unable to grade properly**
- **This final project is due May 1st, 2020 and 11:59 pm**
- **In the event there is confusion, an error, or a worrisome bug an email will be sent out. If there is no response, then this will count as a penalty.**
- **The extra credit must be viewed by the grader and accessible**
- **The Github repository must be shared with the grader**

- Github stories align with my gherkin statements and other activities such as researching, bug fixes, and general app development. Tasks involving multiple activities to complete a feature should be split up into SMALLER activities that are recorded.
- That in narrow and specific cases, a video of full usage of the product may be used alongside the submission of source code in order to convey correct behavior
- That during development the instructor is available for suggestions, help, and general guidance
- Being a developer means sometimes diving into the unknown and trying your best