

**Name Of the Project:**

Fishy Business

**Members:**

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**AS Capstone Project Proposal**

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**Project Description**

For our capstone project, we will be creating a fishing enthusiast website. Our project will display various freshwater fish local to the state of Rhode Island as well as local fish information. The user will be able to click on an image of a fish via the home screen. This will take the user to a page that displays basic information on the selected fish as well as a local map to show the user the best locations within the state to catch the selected fish. Our website will also have a user login that will allow the user to view a custom profile to upload and display images of fish that the user has caught. Overall our website will be a local reference and collection site intended for nature lovers and fishing fiends.

**Functionality**

The functionality of the website will include the following:

**Home Screen**

- Multiple buttons styled with fish images
- A login button to bring the user to a profile login page
- An API connection to display local fishing information

**Login Page**

- Login boxes for user username and password
- Button to return to home screen
- Button to login
- A display to show number of login attempts

### **Profile Page**

- Interactive swimming fish images that are clickable links
- Upload button and bar
- Display for user pictures
- Button to return to home screen
- Logout button

### **DataBase**

- Table for user login and salt
- Possible database of fish (so we don't have to pull from API as much)

### **Development Platform**

The website would be coded in PHP, HTML, and CSS with all the databases created in MySQL. PHP is a programming language that has all the tools for a small biography website. Also, one of the main reasons why we prefer Php over any other programming language is because we just recently completed the PHP class. We are going to be using GitHub and Heroku to upload and deploy the website.