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Applications in Web Development

Final Project

November 30th, 2017

**Final Project Report**

For my final project I decided to base the business off scuba diving because my family and I love to dive in our free time. My small business is called “We Dive Club” I started working on the design first so I can go off something. I used Adobe Illustrator to start laying everything out, choosing and creating my own logo, and picking out fonts and colors. I created my own logo with vector art and decided to keep it ocean colors with different shades of blue. I also kept a streamlined layout, nothing too complex with big, bold fonts so all users can see. I wanted to make it look like a real website. In the end, the design looked different based on what I could and couldn’t do. In the end, the experience was still worth it.

Then, I worked on my content: the navigation panel, the paragraphs about the business, and the MySQL table which would display products “we dive club” would sell. I added my table in XXAMP with INSERT SQL statements. The table would have a product number, name, description, price, and quantity just like a regular dive site would have. When I finished adding the data, I tried used PHP to insert my table into the “Products” page. Unfortunately, no matter how many scripts I tried, I did not get that working.

The coding, testing, and debugging process has gone pretty smoothly other than that problem. I’ve listed out a log of all my experiences as I have moved forward with the creation of the web page.

**CODING/TESTING/DEBUGGING LOG**

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| --- | --- | --- |
| DATE: | STATUS: | RESOLUTION: |
| 12.2.2017 | Getting the logo centered | Fixed – text-align: center |
| 12.2.2017 | Getting the navigation bar spaced out horizontally | Fixed- had to add lots of margins and padding |
| 12.3.2017 | Getting social media icons set up | Fixed – I never made them into links but they are all the same size, spaced correctly |
| 12.12.2017 | Adding the MYSQL table with PHP | No – Still having issues getting the syntax right, not sure why but it won’t work. |
| 12.12.2017 | Adding image to right article | Fixed- had to move the left article over so the image would be properly spaced out |

I plan on expanding this website. My parents actually started an organization called “We Dive Club” and they have purchased the domain already. Here’s everything I plan on doing. I’m going to add photos to the products. I will create another table in the “Classes” section where I will list out class names, descriptions, prices, and dates of the class. There will also be a spot where you can purchase the classes online as well as buy products. I’m going to create a shopping cart for the online store with MySQL running in the background. I will add a drop down list of past and upcoming vacations when you click on the “Vacations” tab. When users click on a vacation it will show them the dates of the trip, a place where they can upload photos, and a place where they can view uploaded photos in a gallery format like Facebook photos. I will also add JavaScript to make the pages more dynamic with motion on the home page. There will be a slideshow of photos beneath the home page paragraphs.