

Assignment 5 – Web HTML and CSS Prototypes

Assignment Links

Website Link: <https://rkavari.github.io/root/index.html>

- There appears to be a bug causing the GitHub Pages to not present the home page correctly.
 - The site link appears at the top of the home page despite not being referenced anywhere in the code.
- I tried troubleshooting but could not resolve this error.

GitHub Repo Link: <https://github.com/rkavari/pui>

Source Code Link: https://github.com/rkavari/pui/tree/main/homework_5

Resources

- Images: I used photos sourced from Unsplash. My understanding is that the images are free-to-use. However, just in case, here are the names of the photographers whose work I used: [Jamie Street](#), [Ana Margarida Almeida](#), [Dominik Kempf](#), [Ali Kazal](#), [Ira Pavlyukovich](#), [James Lacy](#), and [玲红 贺](#).
 - Troubleshooting/Documentation Resources: W3Schools was heavily referenced during the completion of this assignment. StackOverflow was also occasionally utilized. No code was directly copied, however, I did learn from the examples provided to write my own code for my website.
-

Heuristic Evaluation

1. Visibility of system status (1) + Recognition rather than recall (6) + Consistency and standards (4)

- Severity Ranking: 2
- Problem: When users are on the Product Details page and have selected a product size, there is no verbal indication of what size they have picked. The only indication of selection is the change in color and shading of the option button. In contrast, when selecting product

color, you see a change in the option button and a verbal indication of the color that was selected.

- **Solution:** I moved the “View Size Guide” link from below the Size heading to below the size options. I did this so that when a selection is made text indicating the size could appear below the heading.

2. Consistency and standards (4)

- **Severity Ranking:** 2
- **Problem:** When users are on the Contact page, the form uses wording like “topic” or “description”. Such wording is not commonly used in contact forms, which tend to replicate the structure of emailing.
- **Solution:** I switched “topic” to “subject” and “description” to “message”. I followed standards set in emails so that users have an easier time filling out the contact forms and don’t have to pause to figure out what the wording means.

3. Visibility of system status (1) + Recognition rather than recall (6) + Consistency and standards (4) + User control and freedom (3)

- **Severity Ranking:** 3
- **Problem:** When users are on the Cart page, there is no labelling for the size and color that is selected, unlike on the Product Details page where you can see verbal and visual representations of your selections. Additionally, there is no way to change the size or color of the product in the cart.
- **Solution:** I added the size and color name next to the visual representations of the selections. I also added a drop down selection so that users could update the size/color if they wanted to.

Implementation Challenges/Bugs

1. The hero image for the home page was not appearing despite being linked.
 - **Problem/Process:** If the image was not appearing, I knew that the image link had to be incorrect. If it was incorrect, the result would be that the computer was unable to locate the image and it would not appear on the page. I referenced previous code I wrote to see how I

linked images when I realized I had accidentally added a slash in front of the folder name.

- **Solution:** I removed the slash in front of the folder name in the link and, subsequently, the image became viewable.
2. The properties applied to the `div.navbar` element were not taking effect.
 - **Problem/Process:** I kept trying to change the properties and save to see if they would take effect, when I realized that the styling was likely not appearing because I didn't reference the classes properly. I checked the HTML and found that my suspicion was correct. I created the styling for the class in CSS, but never actually applied the class to the element in HTML.
 - **Solution:** I added the class to the element and was then able to see the styling take effect. There was still some fine-tuning to do after this, but the first goal of actually having the styling be applied finally happened.
 3. Despite pulling the position properties from Figma, many of the items were not being placed in the correct positions.
 - **Problem/Process:** I played around with the position properties and realized that this challenge was occurring because the positions of some items were in the context of the div they were contained in, and not the entire page. The position properties Figma provided were in the context of the entire page, causing the positioning errors for some elements.
 - **Solution:** I changed the position properties (left and top) of items that were encased in div elements, so that they were in the context of the div.

Design Choices and Brand Identity

The design choices I made help inform a modern brand identity for my client. My client sells customizable adventuring gear for dogs and cats. Based on this product, I perceived the audience as nature and adventure-loving pet owners who are likely on the younger side (primarily Millennials).

Since I needed to create a website that caters to the audience, I wanted to make sure that the website felt modern and fun. Therefore, I went with a more minimalist design approach that incorporated a playful usage of color to accomplish this goal. I used a soft white background with muted black text in a sleek font. In addition, there is a fair amount of white space throughout the site to help create a sense of simplicity. Finally, I added splashes of color through the lavender buttons, faded yellow text accents, and charming photos of pets.

Ultimately, the goal of my design approach was to create a fresh yet familiar feeling website for the audience so that they would feel comfortable and engaged while shopping for their pets.
