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05-430 PUI

Assignment 5 Write-Up

Web HTML/CSS Prototypes

### External Resources for Reference:

[www.w3schools.com](http://www.w3schools.com)

Youtube videos

Forum

### Challenges/Bugs:

Since this is the first time I've ever coded with HTML/CSS, it was slightly difficult to understand the difference between HTML/CSS and java or p5.js that I've been used to.

The biggest challenge I would say is understanding <div> tags and how they align around each other. This was especially difficult for my first attempt at writing the code for the "flavours" page and aligning the images and text in a grid-like format. Sometimes, one of the images would be out of place while the other five images were exactly how I wanted them to be placed.

The other challenge was being efficient with my CSS code. I realised and understood halfway through my code that it is possible to apply the same styling where there is overlap amongst divs. The code has been cleaned up a bit, but I had some trouble at certain areas because it created a bigger mess of the placement of things than I originally had.

### How I Overcame Challenges/Bugs:

[1] Put content inside <div> for the grid

In terms of coding the grid, I realized that I didn't organise the content in the manner I wanted the design to be. At first, I had each image and text as its own separate <div> and classes. To fix it, I placed the <img>, <h#> and <p> inside the same larger div that then contains those content. From then on, I was able to align the larger div within the page and the content within the larger div and so on. I also found out that order in HTML matters, which helped me with the placement of text beneath the image.

[2] Draw out the <div> containers on a piece of paper and label them

This helped me to see how many containers I needed and which content belonged to which div. Boxing out the content also allowed me to understand how the div containers would align next to each other and whether float was needed. It was also important to label the <div> containers on the piece of paper just so that I can always refer and won't confuse myself when coding with the indents.

[3] Look up my issue on forum

Most of the time the issues I had were also issues others had. I was able to debug through understanding different ways to solve my problem suggested by others, which usually is using a different CSS property or value. Also, the interactive "try it yourself" tool on w3schools really helped me understand what property is doing what.

**Brand Identity & Design Choices and Reasoning:**

For the client, the purpose of this website is to allow users to purchase their rolls online without needing to go all the way to their store. So, it was important for the flow and design to be as satisfactory as possible. I wanted to create a design that allowed users to be able to browse through the site easily and always be able to know what options they have. That is why I created a simple design with the use of the same colour throughout to highlight certain things, such as the current page, the hovered selection button, as well as to simply stand out certain important text. Instead of creating a separate html page for the product detail, I decided to code a popup modal that would allow the user to easily select other flavours without jumping between pages. On the checkout page, one is able to see all the available flavours, so just in case they missed their favourite flavour or had second-thoughts on their selections at checkout, they are able to be reminded what flavours are available before clicking the red "confirm" button.