Junhui He

05430 - PUI

Assignment 06

junhuih

HTLM and CSS prototypes

Link to live website:

https://junhuih.github.io/PUI/

Link to GitHub repo:

https://github.com/junhuih/PUI/tree/6b

Reflections

With part experience with web development, I did not learn a lot of new contents to be honest. But based on these several past assignments, I did learn a lot about the power of plain CSS and javascript. Rather than blindly importing JQuery and Bootstarp, learning the basic codes and building up things completely from scratch is a new unique experience. A lot of the interactions I wanted could be easily implemented without external libraries. Just like when I want to change the grid layout, what I immediately think of was using the bootstrap class. Yet having a simple div wrapped in the grid layout could easily accomplish what I initially intended to do.

Therefore, when I think of web development in the future, I should think more of building myself. For the easy interactions, there is no need to always rely on other libraries. Writing thing myself could help me learn a lot and could potentially help me to write my own libraries in the future.

Programming Concepts

Since I have past experience with JS and HTML, the concepts are not completely new. I just note down a few that I think is important to learn again.

1) The concept of getElementByID, where we could read the value of a div item with the ID provided. I used it to read a lot of values from the item detail.

2) The concept of InnerHTML, where we could change the text displayed inside. I used it to change the total price of the cart.

3) The concept of localStorage and sessionStorage, where we could store items and provide a more continuous interaction. I used to it to store values for the cart.

4) The concept of dynamically chaining the website through JS, where user could get the response immediately without going to a new page. This is especially helpful if the user is just changing the color of an item. I used it to change the size and color as well as the image in the product detail page.

5) The idea that JS could add complex div items with attributes we set up. This allows us to create complex medias through JS and display them dynamically. I used it to add complex items in the cart and display it.