

Assignment 6b

Challenges

My main challenges were with the formatting of my website and implementing the local storage for the cart. For the shopping cart, I was required to add newly selected items to the shopping cart. Even though I specified the HTML structure, there were still some layout inconsistencies. It was also challenging to properly add things to the local storage. One common bug, that hasn't completely been fixed, is there is potential to override the items in the cart with newly selected products. My main solutions were to add a number at the end of each key, to make them unique based on the order they were selected. However, when it is time to switch screens, the count of the shopping cart starts over, which causes items to get overridden. Even though I experienced this issue, I am confident there is a simple fix that could be implemented to resolve this issue for future use.

Programming Concepts

Programming concepts that I utilized during the project were variables, objects, local storage, loops, and functions. For JavaScript implementation, variables and objects were essential to keep track of the information on a specific webpage. Having these encapsulations also allowed me to store them in the local storage for use across the pages. Loops were a concept I utilized frequently since I need to add and/or remove multiple items from the shopping cart. They were also applicable to providing functionality to multiple HTML elements that conducted the same behavior (ex. Buttons). Lastly, I frequently utilized functions for event triggers, and other operations. This provided a way to organize behavior of the webpage in an effective way and provide utility to the many controls on the website.