Assignment 6B – Interactive shopping cart (JavaScript)

PUI Fall 2021 | Leila Huang

Links

https://leila071497.github.io/PUI-2021Fall/homework_6b/productDetail.html
https://leila071497.github.io/PUI-2021Fall/homework_6b/shoppingCart.html
https://github.com/leila071497/PUI-2021Fall

Reflection

Challenge

I think this functionality is the most difficult part in this project. I self-learned JavaScript before on Udemy, but most of them are code-along projects. Therefore, I think my weakness is how to apply coding theory on intended functionality. To overcome these challenges, I looked up a lot of code in similar concepts on Stack flow and code pen and synthesized the structures and why people code like that. I also revisited my previous JavaScript projects for some basic concepts I miss.

Learned Concepts

1. Use for loop and function with event listener in Dom. For example, I identify color and filling selection in an array and define a function to identify current color and update style showing in the front end through addEventListener.

2. Use textContent(Dom) and function to add and subtract quantity. For example, I identify a function to handle the text showing for users with quantify update in JavaScript. Then I use addEventListener to manage quantity control.

3. Use if statement in event handler. For example, I make an if statement when quantity is more than zero, the quantity plus one at a time when users click the button.

4. Define product names in an array and show/remove/add using event handler and function. For example, stating an array with product names and using addEventListener to listen to user input in front even, them define a function to show picked product name using innerText in JavasScript.

5. Using an empty array to store product objects in the cart. For example, I initialize my shopping cart with an empty array, which means users have nothing in their shopping cart. Then I have a function to add new product data(an array) and push to local storage in JavaScript.