Live Link:

https://amandapicc.github.io/Muddy-Paws/

Public GitHub Repository:

https://github.com/AmandaPicc/Muddy-Paws/tree/master/homework_6

Reflection

Issue(s): Shopping Cart

Cart count display (from product page)

In 6a, I was successful in getting the cart product count to populate in an alert after the user clicked on the "Add to Cart" button. This was was initiated the addToCard function located in JavaScript file (main.js). However, this was not an ideal display of the product cart count. In 6b, by adding an ID to "Cart" in the navigation, I was able to utilize cartCount.innerHTML display the number following the navigational element.

Cart contents display (from cart page)

Once I was able to get the cart items to successfully display on the cart page, I discovered that when I navigated away from the cart page to a product page and returned, the cart items would be wiped clean on the display. Since it was saved locally, I added the loadCartContents function to every page on load so that the subscript on the cart would update and the items on the cart page would be displayed, keeping the cart in sync when navigating between pages.

Issue(s):

DIVS and formatting

Following our additional practice with grids in lab, I attempted more efficiently organize my content. This is an area I am still continuing to struggle with a bit though. As it has felt often in the case with coding, after fixing one issue, two more appear. For example, once I was able to get the count to successfully display next to the cart icon, a white line became visible above the user navigation. It can certainly feel like an uphill battle! I suspect that I still have an issue with how I have the content organized in divs and need to put more time into the spacing of each container.

Programming Concepts

Creating a Javascript object

I created a product class for the harness that users would be able to purchase. This included a constructor with the details (parameters) of the product, which in this instance included the type, color, and size.

For loops

I utilized for loops in my add items to my cart function. This allowed the code to iterate through so that I was able to do things such as checking to see if a size was selected or if the user needed to be alerted to select a size.

Functions

The ability to add items to the cart as well as retrieving those items to display in the shopping cart count and on the shopping cart page were done so using JavaScript functions.

Local Storage

As introduced in week 8 of our labs, I stored my product data in localStorage. In doing so, I was able to pass the product array between html files, so that every function could access the current list. This was especially useful in combination with the onLoad function.

Development Tool Debugging

In Chrome, I used the inspect tool to help debug. In doing so, I was able to identify in which line of code the bug existed, which was crucial in figuring out why my code wasn't working properly. While I still struggled a bit to identify what was incorrect with some of my div and formatting issues, this was immensely in debugging this and other aspects of my code.

Resources

https://www.w3schools.com/css/
As with earlier iterations, W3Schools was the primary resource that I used in building my site. Pages that I referenced included innerHTML, localStorage, onLoad events, among many others.

Week 9 Javascript Deep Dive (Lab)

Stack Overflow
(https://stackoverflow.com/questions/10572735/javascript-getelement-by-href)
Used to assign an id to my cart element within my navigation to add the cart count.

MHCI Intro to Programming - OLI
(https://oli.cmu.edu/jcourse/webui/syllabus/module do?context=4f649c5c0a0001dc7b556e5c00 35a272)
Weeks 7 and 8 of the OLI was helpful in reviewing the creation of an object using a class with attributes and calling class objects.