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PUI, Fall 2018
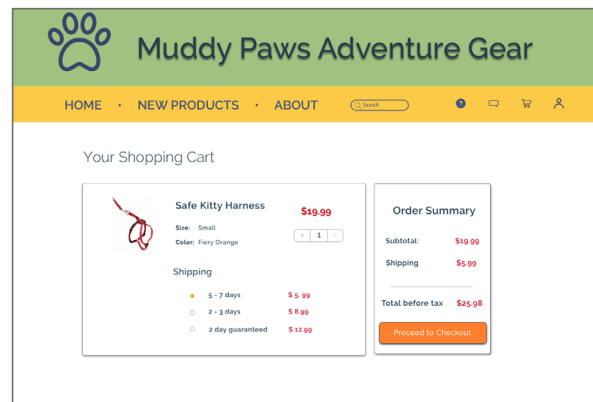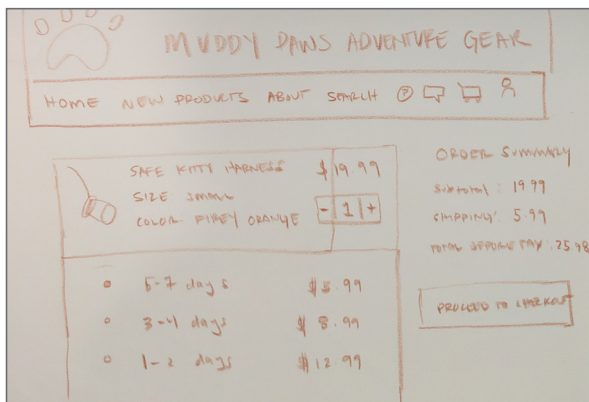Assignment 6
October 26, 2018

Assignment 6: Shopping cart with functionality

I added shopping cart functionality to my Muddy Paws Adventure Gear site. Below are the low-fidelity and high-fidelity prototypes.

This design creates a simplified checkout experience. Users can easily update the item's quantity, pick a shipping time frame, and view the total price of their order before proceeding to checkout. The design is minimalistic and intuitive. I created this experience to allow users to purchase their products as quickly as possible, which is what users want to do after they have decided to buy an item.

Due to an incredibly high number of technical difficulties I experienced, I wasn't able to execute on this exact design. Below is the process flow for the design I implemented.
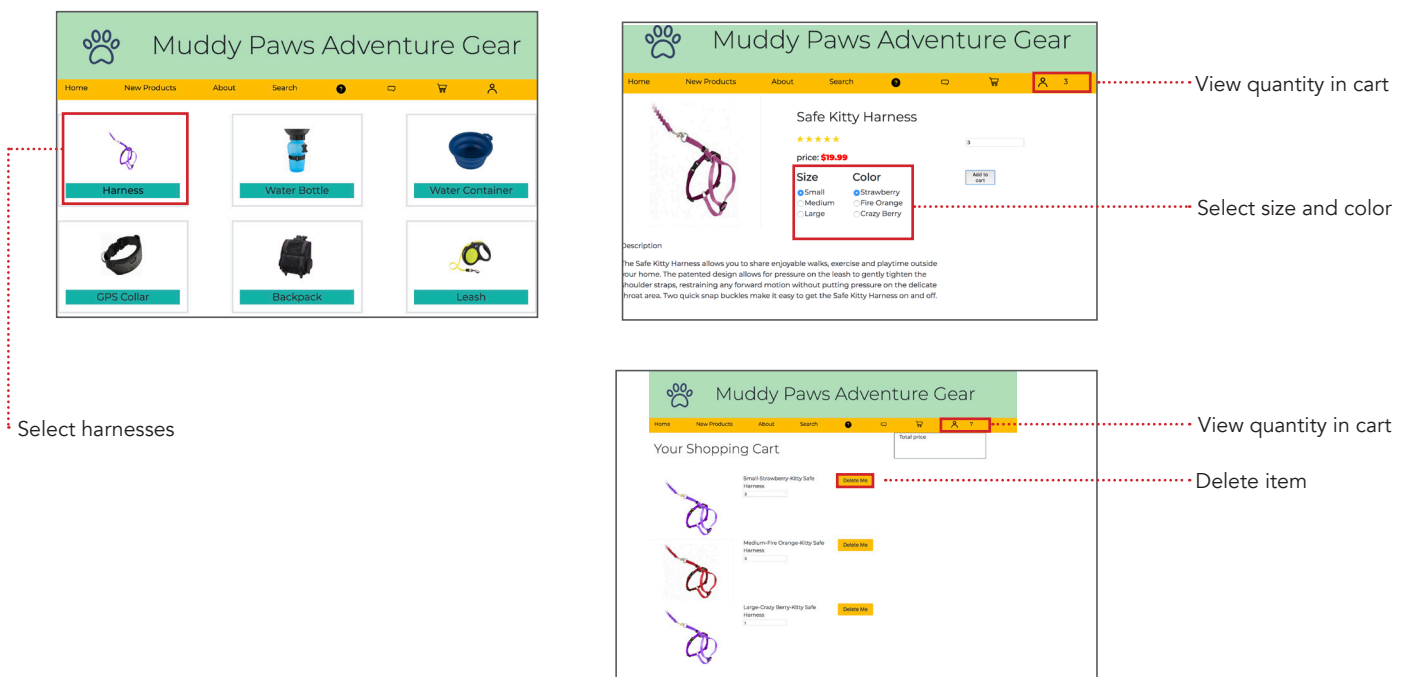
Reflection

I ran into too many problems to describe, but here's the basic list in order:

- How to store products
- How to display products
- How to make buttons that do things
- How to loop through a dictionary and get the key-value pairs I need
- How to have the quantity of products display across the necessary areas
- How to make radio buttons perform correctly
- How to have images change when a different product is selected

To solve these problems, I spent many hours on Stackoverflow, websites with tutorials for Javascript and jQuery, and office hours with all the TAs. I also went over the assignments from lab to find concepts and tools that would work for my implementation. This was a challenging assignment, but I learned a lot. I learned the value of having really good comments throughout my code as well as trying to write what I want to do in pseudo code first before actually trying to implement it.