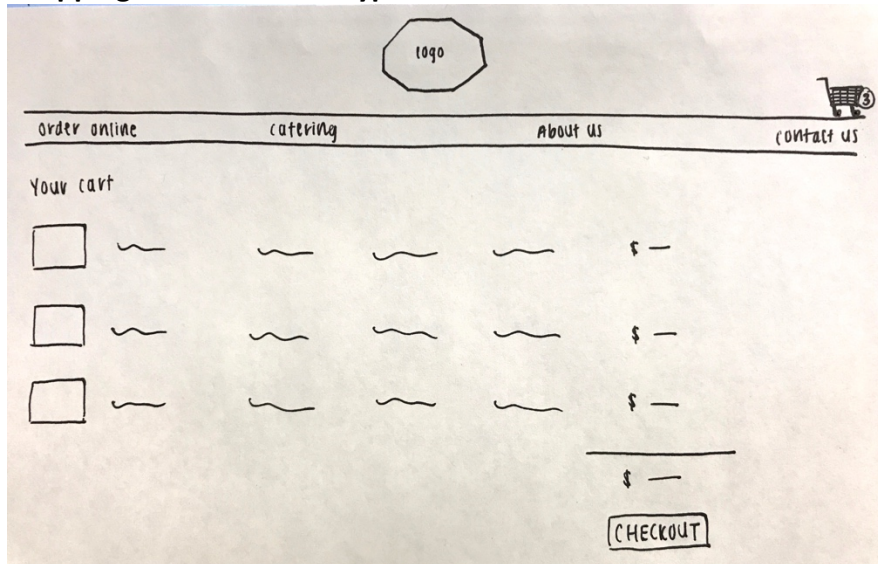


Shopping Cart Lo-Fi Prototype



For the low-fidelity prototype of the shopping cart page, I kept the same header, which includes the logo and navigation bar. I decided to list the shopping cart items in a table format, since a lot of my other pages follow a table or grid-like layout. This would ensure consistency between all the different pages. Lastly, I wanted the users to be able to know at all times how many items they have in their cart, which is achieved through the small number in the circle near the shopping cart icon.

Shopping Cart Hi-Fi Prototype



For my second and high-fidelity prototype, I decided to use a box to hold all the elements in the shopping cart page. Since the product browsing and product detail pages all have a surrounding box, I wanted to keep this structure in the shopping cart page as well. In addition, I added a header row for the table so that users can scan and read through their carts quickly. The header labels also make each row and column easier to understand. Lastly, I realized the need for users to edit or remove the items in their cart, and added both of these options to the page. The “Edit” and “Remove” text stands out as clickable buttons because it is in all capital letters, underlined, and in italics.

Reflection

Since this was my first time coding with Javascript, I encountered quite a few challenges and bugs. It took me a while to figure out the logic behind the different functions I need to code for the shopping cart to work. After figuring out the functions, I struggled the most with adding and displaying the stored objects in my cart variable onto the shopping cart HTML page. Debugging in Javascript was tedious and at times, frustrating. Even though the Console tab of the Inspecting feature on Chrome showed where the errors occurred, it was hard to understand what the errors meant and how to fix them. It was also time-consuming to go back and forth between the Chrome Inspecting Console and my Sublime files to keep adding `console.log()` to different parts of my code to figure out where the errors were. Lastly, I was unable to figure out how to code the function to remove items from the cart. I figured out the process and intuition behind the function, but wasn't able to execute it.

To understand the logic behind the various necessary functions, I reviewed the labs and searched online. I found a few Youtube tutorials (mainly https://www.youtube.com/watch?v=1Q74A6ZQxdY&index=1&list=PLoN_ejT35AEhzNoPStBzAkpgAu3YQwPj7) and websites that were helpful to figure out what functions were needed and meant. In regard to displaying the cart onto the shopping cart HTML page, I was able to solve this issue by searching on W3 School as well as getting help from Franceska during office hours. Throughout the assignment, I debugged my code using the Console tab of the Inspect feature on Chrome and used `console.log()` statements to figure out where the errors occurred. I also copied a lot of the error messages into Google and learned what they meant in StackOverflow.