Link to website: https://robynlee168.github.io/pui-test-app/
Link to repo: https://github.com/robynlee168/pui-test-app

Reflection

Before I started working with HTML/CSS, I found three user interface bugs using Nielsen's heuristic evaluations. The first heuristic I violated was "Recognition rather than recall" on my order checkout page. According to Nielsen, "The user should not have to remember information from one part of the interface to another." Originally, I didn't show what items the customer was planning to purchase on the checkout page because I assumed they would remember from the cart page. However, they may need a reminder on how much each item in their shopping cart costs so I decided to add that to the checkout page.
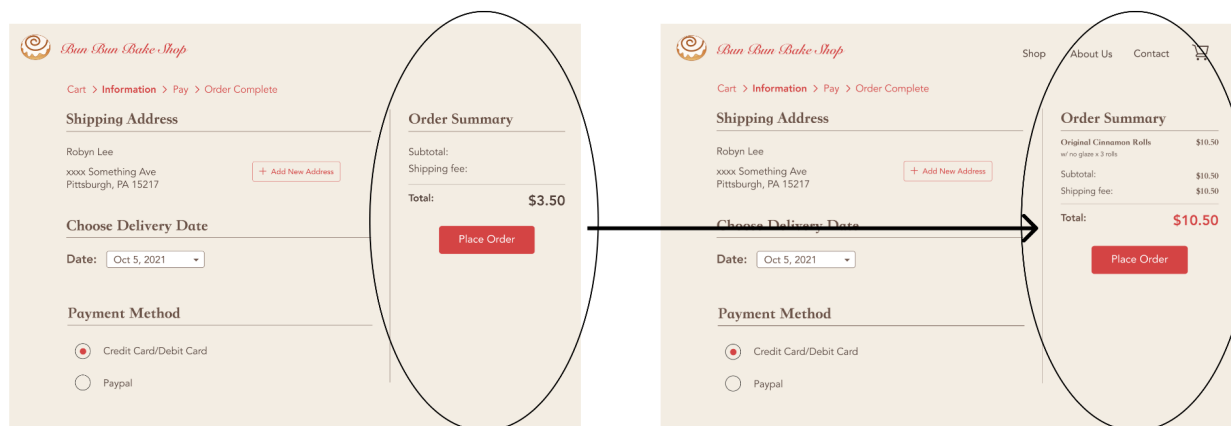
The second heuristic I violated was "User Control and Freedom." Users have to be able to take an "emergency exit" and undo their mistakes easily without having to go through an extended process. For my design, I realized that it was hard for users to go from the checkout page back to the cart if they realized they wanted to get rid of or add something else. They would have to go all the way back to the home page and then click the cart icon, which is inconvenient. I fixed this by just adding the original navigation bar to the top so that the cart icon is easily accessible.
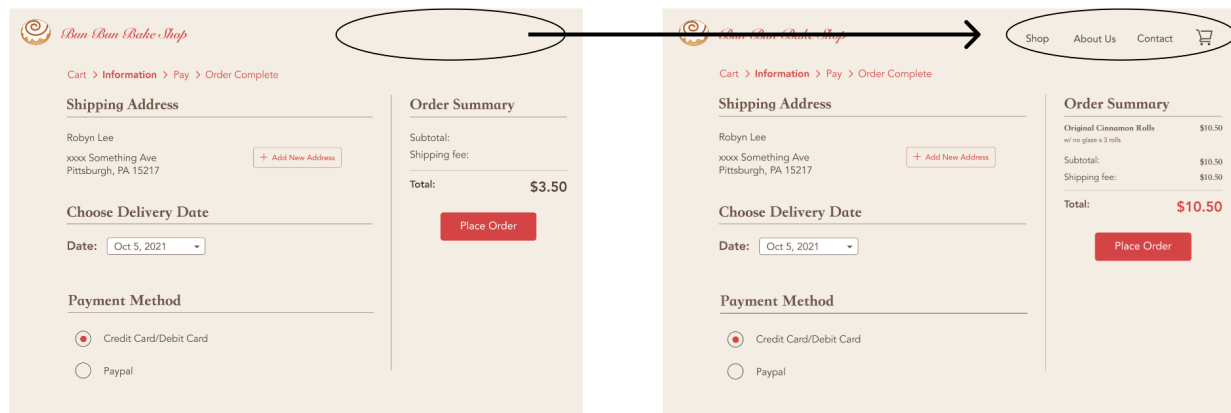
The third user bug I noticed was related to the "Error Prevention" heuristic. Good designs should be "carefully preventing problems from occurring in the first place" (Nielsen). On my cart page design, I had + and - buttons for adjusting the number of rolls in the cart, but there are actually only four options (1, 3, 6, or 12 rolls). They may think that it is possible to order, for example, 4 rolls. I fixed it by getting rid of the feature, as I don't think it is necessary.
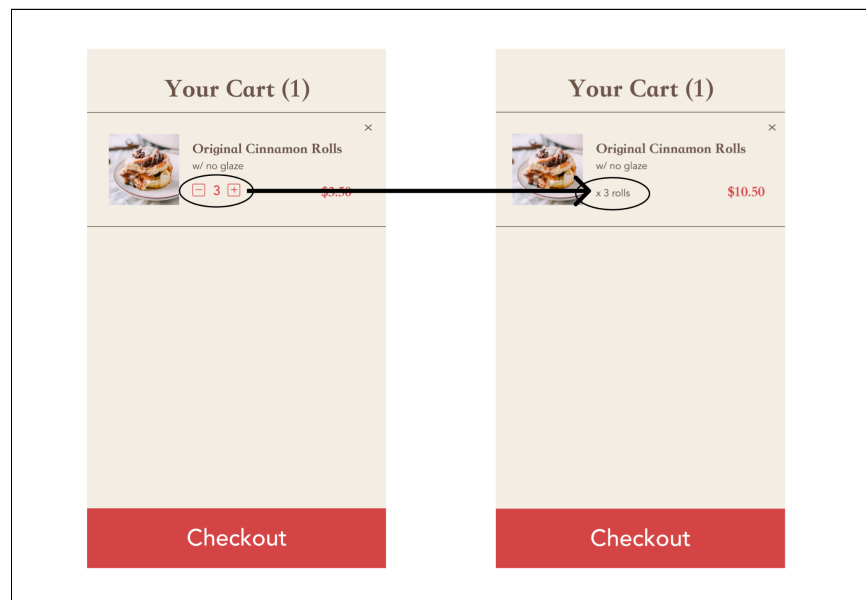
Challenges

This project was very challenging for me at first because I had never worked with HTML/CSS in the past, so even though I had knowledge from CodeAcademy tutorials, I struggled to implement what I learned. One of the biggest challenges for me was understanding how divs worked to separate the website into containers and how I could line everything up the way I envisioned it. I overcame this by asking for help and learned how to use flexboxes, which became really helpful for me. After I was able to code the home page, all the other pages became easier to code up.

The brand identity of Bun Bun Bake Shop is a small business that serves fresh-baked cinnamon rolls in multiple flavors, so in terms of the design of the website, my overall approach was to incorporate warm toned colors in order to convey a cozy, appetizing feeling. When I think of cinnamon rolls, I think of fall, so I thought the color scheme I chose matches the vibe of eating warm cinnamon rolls in cozy, fall weather. I chose to make the background light brown because I wanted customers to open the online shop and feel as if they are supporting a small business, not a professional, proper franchise.