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PUI Assignment 5

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Link

Website: https://cindyliulalala.github.io/pui/homework_5/

Source code: https://github.com/cindyliulalala/pui/tree/main/homework_5


User Interface Bugs

1. H2-4: Consistency and Standards

    I removed the "Browse Category" section in the home page because I don't sort

the products into categories in the product browsing page. In order to maintain the

consistency of the website, I deleted the category section in the home page and

replaced it with a description of the store titled "Our Story".
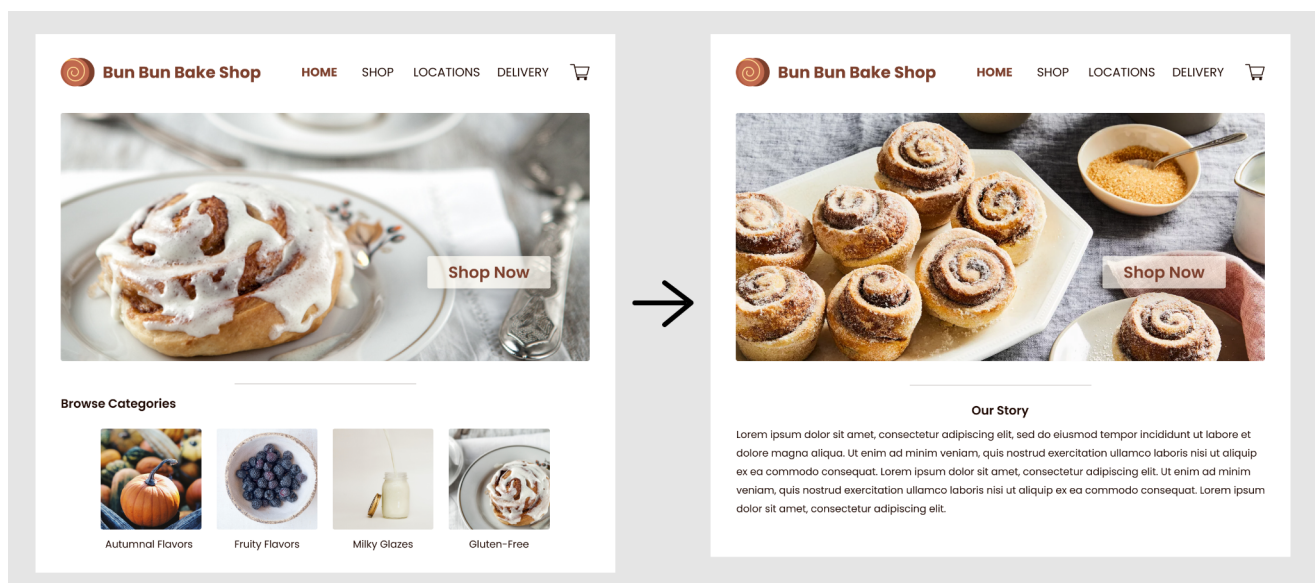
2. H2-8 Aesthetic and minimalist design

I reduced the size of the pop-up box, so that it can fit on the screen without the user scrolling.
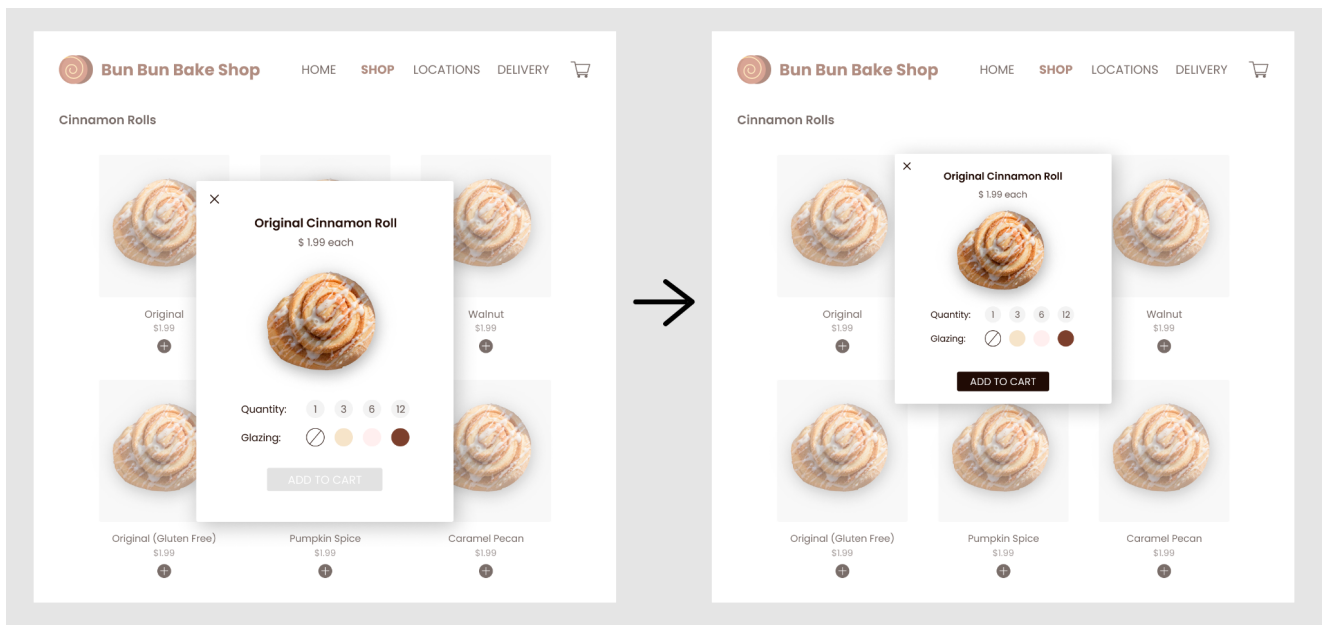
3. H2-3 User control and freedom & H2-9 Help users recognize, diagnose, recover from errors

Originally, the "Add to Cart" button would be grey until the user chooses for products' quantity and glazing. I realized how this design limits user freedom. Therefore, now the button isn't grey out; however, if the user doesn't select both options, an error message would show up and say "*Please select quantity and glazing before adding to your cart."
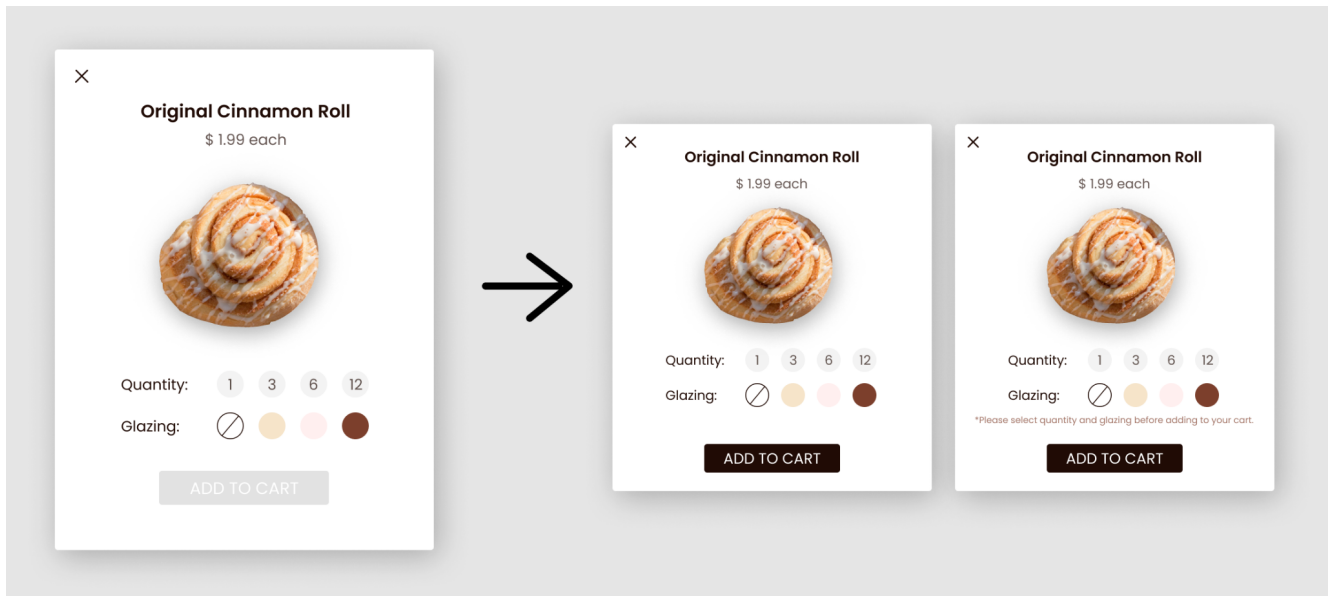
4. H2-5: Error Prevention & H2-6: Recognition over recall

I found out that in my original design, the name of each glazing doesn't show up on the page, which would cause errors as users don't know which color represents which flavor. Now, the glazing flavor would appear in text every time users hover on it. This also solves the Nielson's heuristics on recognition over recall.
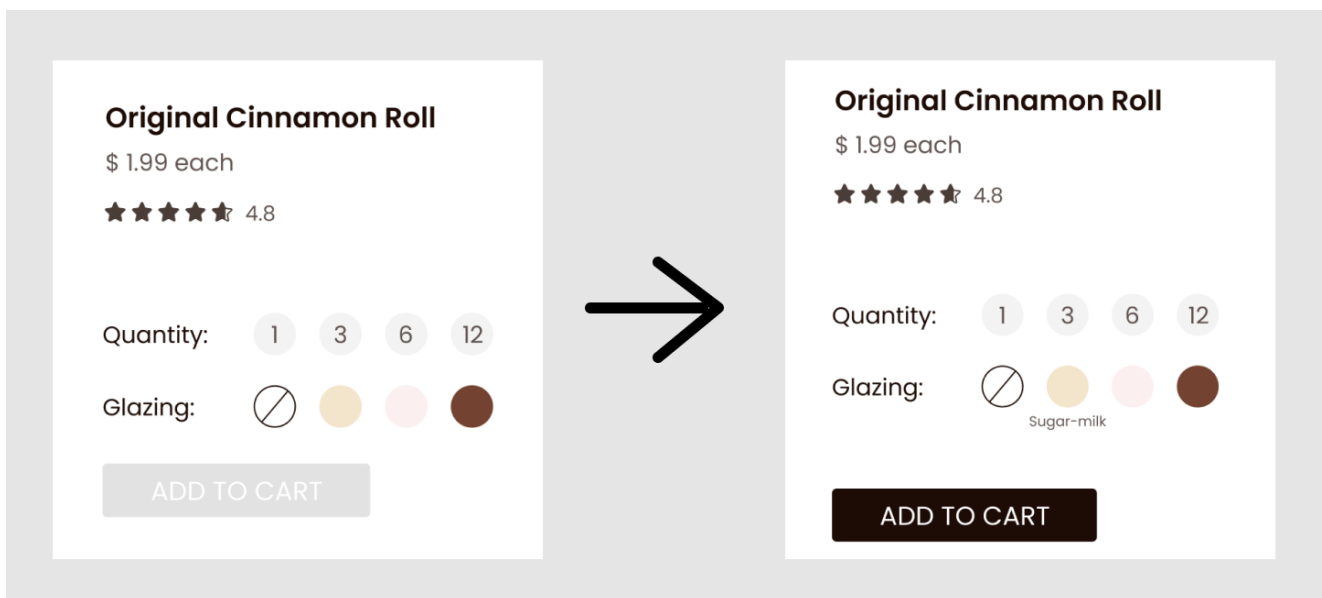
Challenges and Bugs

Two biggest coding challenges I've encountered in this assignment were 1) unable to scale images and 2) unable to center images. After going to multiple office hours, I learned that my images remain unchanged due to the box of the images. I kept changing the scale of the images but not the one of the box wrapped around the images. To solve this problem, TA suggested me to create a class for the image and set the image width to 100% (so that the image fills the box). Then set my ideal width and height value for the class, and thus the box's size would change followed by its content (image). This solution can also be applied to solve my second challenge. Another thing that I learned by going to the office hours was the use of "flex", "justify-content" and "align-items". These properties became extremely handy for me when I wanted to arrange items with equal distances or align them. Other bugs that I encountered were caused by typos or mismatched names, which were time consuming to find out. I often named a class in html but called it differently in css. For instance, forgetting a "s", changing the word order etc. These mistakes could be prevented by being more conscious when I name items.

Brand Identity

I intentionally designed the website with simplistic and straightforward features and aesthetics because our clients may come from all age groups and backgrounds. I want the website to be as easy and explicit as possible for clients to make purchases. I also think that the majority of the clients may be local residents who already know about the store (since this is a local shop and only provides local delivery), and thus I didn't

implement an individual section/page to introduce the store. Only a brief description is

provided in the home page. Regarding the brand identity, I wish to convey the message

that we care about the quality of our products, as well as the experience of our clients.

Therefore, in the product detail page, I provide thorough information about the product,

including its key gredients, all gredients, nutrition info, and reviews and ratings.