Assignment 5 - Reflection
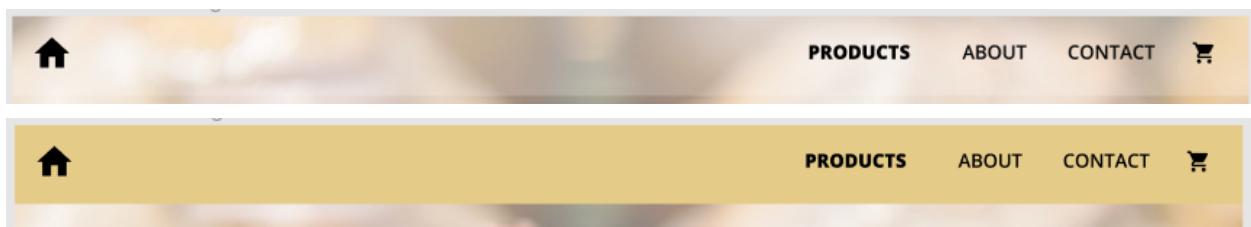Andrew Chuang, Section C

Link to website
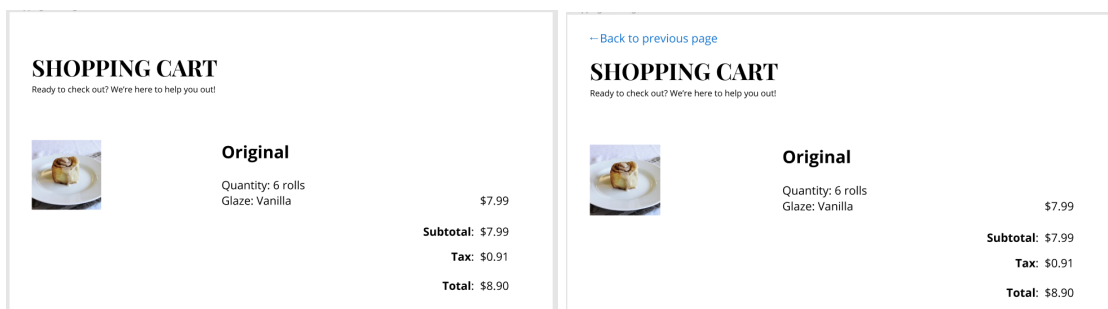andrewlchuang.com/bun-bun-bakeshop

Link to repository
github.com/andrewlchuang/bun-bun-bakeshop (or here, which is under a *homework_5* folder)
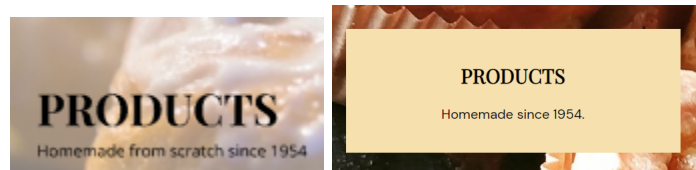
Interface Bugs
One interface bug I noticed following heuristic evaluation pertains to the **color of the navigation bar**. Since the navigation bar had black text and a translucent grey background color, the text was not viewable when the user scrolled over an image with dark colors. This clouded the *visibility of system status*, as users will take longer to understand which tab they are on and which tabs are present. To fix this issue, I propose changing the alpha, or the transparency, of the background to 1 and making the background color similar to that of other buttons on the screen. The image on the top shows that the navigation bar looked like before the edit and the image below shows what it will look like following the edit.

Another interface bug I noticed pertains to the **actions users can take in the shopping cart**. In the current design, when users enter the shopping cart, they are unable to go back and the only way they can exit the page is to continue with the purchase or leave the site entirely. This affects *user control and freedom*, as users are unable to undo their action if they press on the shopping cart icon by accident. To remedy this problem, I will add a "back to previous page" button where users can go back to the page they came from, enabling them to leave this page without leaving the site. The image on the left shows what the top of the shopping cart looked like before the edit and the image on the right shows what it will look like following the edit.

The third interface bug I noticed pertains to the **caption of the cover photo**. Similar to the navigation bar issue, the black text of the caption becomes unreadable when the image has plenty of dark colors on it. While this does not affect the system state, the illegibility of the text makes the page look cluttered, negatively impacting the aesthetic of the page. To fix this issue, I will add a colored background to the text box such that the caption can be easily read. The image on the left shows what the top of the products page looked like before the edit and the image on the right shows what it will look like following the edit.

Challenges

Coding the product details page was one challenge I faced with implementing this website. Originally, I was thinking about utilizing modal boxes to implement the product details page. However, realizing that implementing modal boxes will require a more fundamental understanding of Javascript, I decided to pivot and make a separate page for the product details page instead (like what was asked in the assignment writeup).

Another challenge I faced pertains to **grids**. In the past when implementing websites, I used libraries such as Bootstrap to assist with the creation and addition of grids. Since external libraries are not allowed to be used for this assignment, I utilized Mozilla Developer Tools to see how I can implement an easy grid. This was really helpful as I was able to code up similar functionalities found in Bootstrap without importing these frameworks.

Brand Identity

Since I am implementing a website for Bun Bun Bakery, I intentionally picked a brown/orange color scheme since these are usually the colors consumers would associate with bread, pastries, and baked sweets such as cinnamon rolls. The color scheme can be seen in the image, navigation bar, and buttons on the website. I chose a sans serif font for most text to create an inviting feel, akin to how the smells and energy of a bakery is inviting the moment you step in. These design choices *immediately establish* the fact that this website is for a bakery and that the energy and feel is one that seeks to draw the user in to learn more about their current product selection.

Citations
- https://unsplash.com/photos/DE-ZospqOqU
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