

PUI Homework 5 Reflection

Link to the repo: <https://github.com/mileyhxm/PUI/tree/main/homework5>

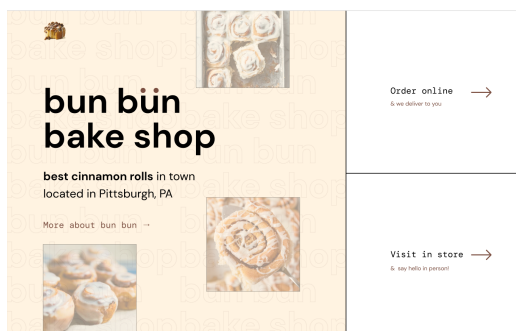
Link to hosted site: <https://mileyhxm.github.io/PUI/homework5/index.html>

Section 1: User interface bugs

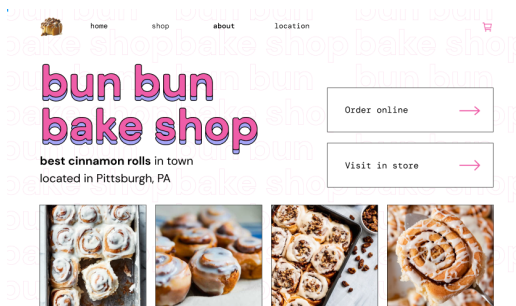
1. Consistency on homepage vs other pages

One of the first bugs that I discovered in my original design was that there was no way to access the shopping cart from the home page because I eliminated the regular navigation bar. This would lead to trouble for users who navigate back to the home page after adding something into their shopping cart.

Therefore, I decided to adjust the home page design to ensure consistency of navigation and visibility of system status (i.e. if a product has been added to cart, it should be visible across the site)



original design



revised design

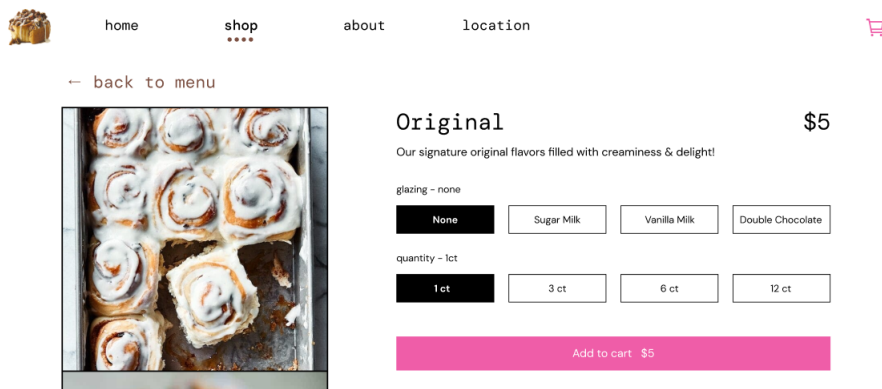
2. Shopping cart indicates quantity & types of products added

Another thing that I missed in the original design is the **shopping cart status**. After the user adds a product to the cart, there is no indication of quantity, so I revised and incorporated an icon to indicate the number of items in cart. I also plan to revise the message in the confirmation popup after an item is

added to cart to indicate not only the completion of that action but also the type and quantity of cinnamon rolls added.

3. Display unit price on the product details page

I realize that the unit price is not clearly indicated on the product detail page. In the original design, there is an indication of the total cost on the “add to cart button”, which is supposed to change dynamically according to the user’s choices of count and glazing. However, because the price is a very crucial factor, it deserves to be placed with a stronger visual emphasis.



Section 2: Challenges & Bugs in Implementation

1. Determining a clear site structure

One of the major challenges that I encountered was keeping a good organization of the page structure for all the different pages. Because each page has different content and slightly different structures, it was hard to maintain consistency, both visually and in the implementation of codes. My attempt at overcoming this challenge was to reuse certain high-level elements, such as containers & certain grid layouts, which is more efficient and results in consistent visual presentation across different pages.

2. Positioning of text elements

I also struggled with positioning elements. For instance, on the shop page, I wanted to have the name and price of each product be left-aligned and

right-aligned respectively. To achieve that, I searched up online and found an approach that used two separate divs for those two text elements and changed their respective properties to adjust the positioning of the texts.

3. Implementing grid layouts

On the shop page, I needed to create and reuse a grid layout for the different types of cinnamon rolls. At first, I was unsure how I should implement this layout, as each grid has more than one item, and each item has multiple child elements. I first created a mental structure of the grid (what elements should go together as one item), and then I learned about using grid and flex layouts for this section and combined these two to create a flexible layout.

Section 3: Expressing brand identity

My intended audience was college students and young professionals in the Pittsburgh area, so the overall design style is a fun and playful vibe that would resonate with the younger generation. This style is reflected through my choices of font, color, and other visual elements (including choices of images)

1. Font choice

I used a combination of monospace and sans serif font for the overall design. The sans serif font is DM Sans, which has a rounded shape and looks cute but modern. The monospace font is DM Mono, which couples well with the DM Sans.

2. Color choice

Across different pages of the site, I used a bright color scheme that really pops out. The colors are generally warmer tones as the main product is cinnamon rolls, and they are relatively high in contrast and saturation to enhance boldness & playfulness.

3. Other visual elements

I used other visual elements such as cut-out images of cinnamon rolls, which is something that is trendy amongst the young audience.