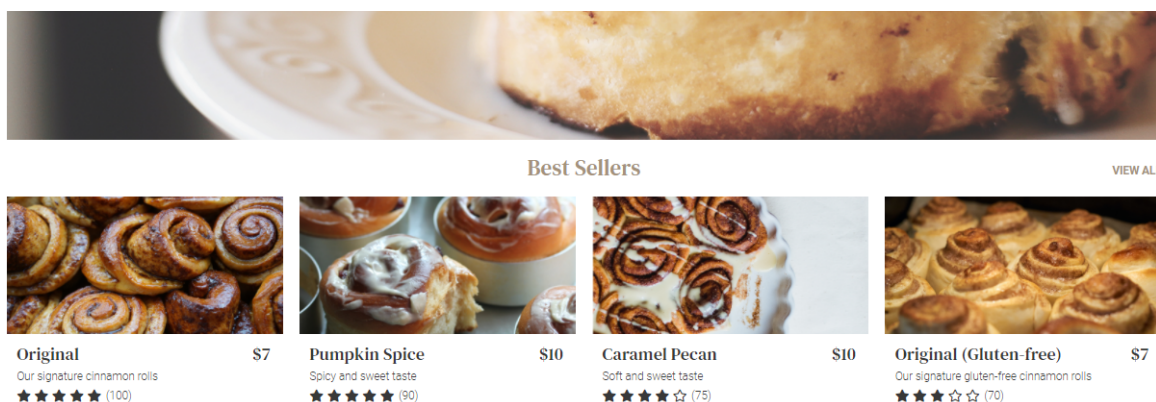
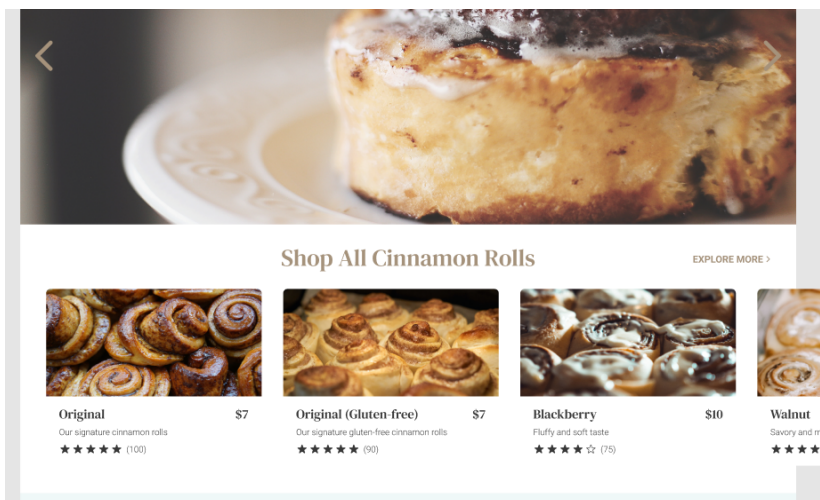


Assignment 5 – Web HTML and CSS Prototypes

Andrew ID: hyoeunk

1. Discuss 3 to 5 user interface bugs you found in your heuristic evaluation. Be sure to include your design for fixing those bugs, annotated screenshots are ok.

- 1) Flexibility and efficiency of use: On the main page, it shows all of the menu options so it could be annoying and time-consuming for the customers who want to see bestsellers. It would be a better design to showcase bestsellers instead of all options. → I changed this section from 'Shop All' to 'Best Sellers'.



- 2) Visibility of system status: If a user clicks 'Add to cart', the count icon(1) will appear on top of the cart icon but this signal is too subtle to notice. In addition, users don't see any update about their cart status and stay in the product detail page even though they completed the task. → To solve this problem, I will add a modal window showing that the user's item is added in the cart clearly. (Later using JavaScript)

Hours & Location



- 3) Help and documentation: Users might want to know the price of the glazing options and how this glazing tastes and looks like. If there are additional explanations, that would be very helpful for users. → I added a tooltip button on the next to the 'Glazing' text, so extra information about the glazing will appear when the user moves the mouse pointer over an icon.

Original

Glazing

None	Sugar-milk	Vanilla-milk	Double Chocolate
------	------------	--------------	------------------

Qty

1PK \$7	3PK \$21	6PK \$42	12PK \$84
---------	----------	----------	-----------

Add to cart - \$30

Original

Glazing ?

None	Sugar-milk	Vanilla-milk	Double Chocolate
------	------------	--------------	------------------

Qty

1PK - \$7	3PK - \$21	6PK - \$42	12PK - \$84
-----------	------------	------------	-------------

Select size to add to cart

2. What challenges or bugs did you encounter in the process of implementation, and how did you overcome the challenges?

It was my first time creating a prototype using HTML/CSS from scratch, so it took some time to get familiar with it. Most of all, displaying the layout was the most challenging part. I tried to use float, flexbox for the product card layout in order to organize it in one line. However, it sometimes didn't work as I expected. It was tricky to align items inside of the flexbox as well. I wanted to make a custom spacing between two text elements using flexbox, but it didn't work for some reason. So I used grid instead of flexbox to fix the problems. Secondly, when I designed the site, I wasn't able to consider responsive design in advance. As I changed the window size, the layout and image overlapped and collapsed. To solve this problem, I reread <https://www.w3schools.com/> pages and then adjusted the size. Lastly, I am still confused about class and id. I wasn't quite sure how to effectively use classes not to repeat the same code. I was able to finish the tasks but I think I need to study more about class. For other bugs, I mainly

used w3schools and stackoverflow websites to get the solutions. To debug layout problems, I usually drew the border line for the box and then checked which part is working weirdly.

**3. How is the brand identity of your client reflected through your design choices?
What kind of look and feel did you design for them and why?**

My client's brand 'BunBun Bakery' is an authentic and high-quality bakery offering a wide range of classic cinnamon rolls. In order to have a luxury brand personality, I chose gold, baby pink as the main color and used a serif font for the logo and heading text. These looks can create an elegant, credible, traditional, and high-end brand look. Moreover, the product quality should be the first value to deliver to customers. For this, I focused on showing detailed product images throughout the website so that customers can feel the confidence of the product from the brand. For the menu layout, I chose grid card layout which is the most common and popular layout for the e-commerce website but I wanted to make it a simple and modern look for the design similar to the magazine page. For this, I minimize the information and display the important information to help the customer's decision. I also used a flat design to emphasize the image and text.

*Github Pages: <https://hyoeunkcmu.github.io/>

*Github repo: <https://github.com/hyoeunkcmu/hyoeunkcmu.github.io>