

Assignment 5 – Web HTML and CSS Prototypes

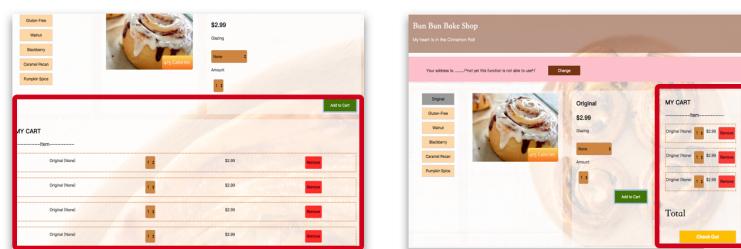
Name: Ran Cui
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1.UI bugs

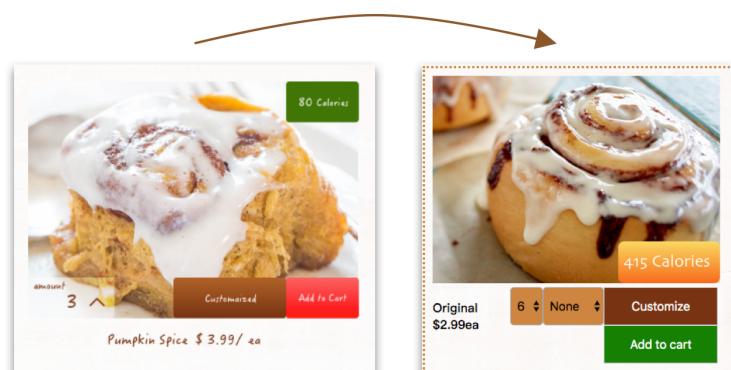
Bug 1: This is a problem that is not giving **flexibility and efficiency of use** to users. The purpose of this page is asking the end-user to fill out his address. But one of my playtesters find users may not want to offer their address before they get interested in the products. Therefore, I added the “see what we have” function to let them browse the products in advance, moreover, there is a change of color when end-user hover on the “see what we have” button, which will help them to know this is interactable.



Bug 2: This is a problem that is not giving **user control and freedom**, the playtester who did the left version had problem in finding the position of the cart. This is actually an “Html Flex-box problem”. The solution is limitate the width of the cart column, so it won’t wrap to the next row.



Bug 3: This problem is that people will be confused when they are having buttons on a picture. It is not giving **error prevention**. For example on the up-right corner, the calorie label is not clickable, while the “amount”, “customized” and the “add to cart” button are clickable. So, I separate the buttons from the pic and the calories label. Considering people may want to click the pic, I will redirect the user to the product details page.



Bug 4: This bug is letting users confused by the cart button on the up-right corner, while there is a cart list on the right column. What I did is remove the car and account button on the right corner which will let the end-users be less confused and have intuitive and smooth control of the whole interface.

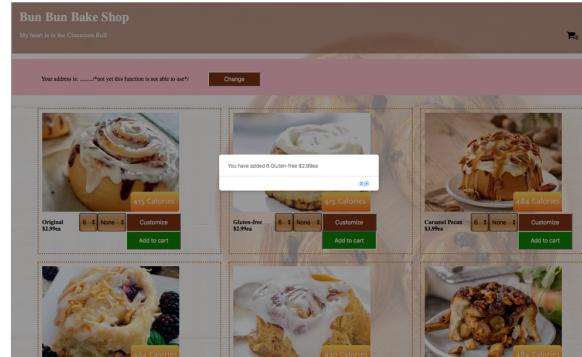


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Bug 5:

One of the playtesters find they will not notice the up-right label of the cart and the change of the number, so I added this alert function to help the users confirm that they have already added into the cart. This is helping the users to have the **visibility of the system status, and prevent errors.**



2. Challenges

There are two primary challenges.

First, I have no experience in the HTML/CSS/JavaScript coding, and the responsive webpage design is a new thing for me. In my first coding, I was trying to use margin and padding to control the whole webpage, but the webpage is not responsive. The structure was beginning to be chaotic when I zoomed in and out. Finally, I recoded taking advantages of the flexbox, and use grid to structure the webpage.

Second, I had problems in implement the cart page, Since I am trying to allow the users to have a sense of what they have already had in their cart, so the car on the right column needs to change in real-time. The method to solve the problem is taking advantage of Javascript.

There is still one challenge that hasn't been solved. I have already looked it up, and the problem locates in the local storage. Right now. You can add items on one webpage, while the operation will not be recorded. The address can not be kept yet and I will implement those in the following weeks.

3. Brand Identity

I am always keeping in mind that I am designing for a small bakery that specializes in cinnamon rolls. So, I am trying to make the whole design feeling warm and stimulating appetite. I chose warm colors to make it and "Skia" to make the store with handmade.

As to the structure, I am using grids(flexbox) to make it easy to read, and the layout of the different functional page is consistent, so the user will be accustomed to the interface as soon as possible.

For the clickable button, I chose red, green, yellow to make them stand out.

Font:

Bun Bun Bake Shop (skia)
My heart is in the cinnamon roll
Bun Bun Bake Shop (Helvetica)
My heart is in the cinnamon roll

Palette:



Hex: #793113 Hex:#FFBD09
Hex:#BA9585 Hex:#FFBFCB
Hex:#D7AC8A