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PUI – Section B
Assignment 5 – Web HTML and CSS Prototypes

Before coding the site, I did my own heuristic evaluation to determine if there were some improvements I could make to my user interface. The first thing I immediately noticed was **H2-8 Aesthetic and Minimalist Design** with my navigation bar. I had my logo and a "Home" link in the navigation bar as shown below. I realize that most people intuitively would click on the logo to go back to the home page, so having the "Home" link was going to be redundant. If both are there, users could potentially get confused too on what the difference between the logo and home link is. By taking out the "Home" link in my website, it makes the design simpler and makes it less confusing for users.
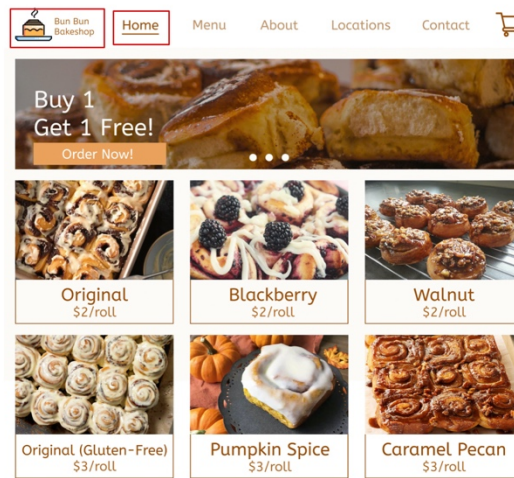
I also noticed **H2-9, helping users recognize errors**. I saw that my design made it clear which options are checked for quantity and glazing, but I never thought about what would happen if a user doesn't select any option and goes to click on one of the check-out buttons. I realize that if the user is missing an option, I should have some sort of pop-up message indicating that they need to select an option for either quantity or glazing, whichever one they are missing. I also noticed **H2-7, flexibility and efficiency of use**. On the ordering page, I noticed that I did not have a back button for users to easily go back to the menu page. In my website now, there is a back button that brings them back to the menu page as I realize users sometimes don't buy the product immediately when browsing. They want to click on it to see the details, so they need a clear back button to bring them to the menu page so they can browse other flavors.

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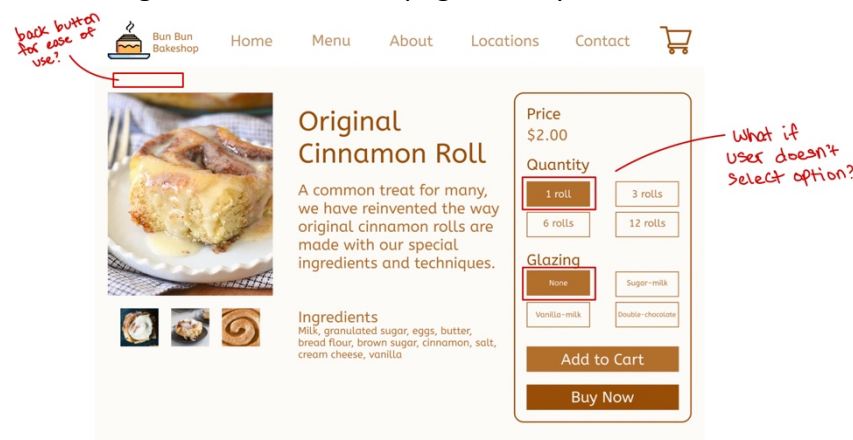
I also noticed **H2-5 Error Prevention** when doing the evaluation. In my contact page, I have multiple boxes where the user needs to fill out information. I have the example format that users should put in which is good, but I also should include example formats for email address just in case. For the "Your Message" box too, there is no indication of a word or character limit if there is one. Therefore, I should design it so users can track how many characters or words they have left when typing their message.

During the process of implementation in coding, the initial challenge was definitely remembering HTML and CSS because I did the tutorial in the first few weeks of class. To overcome this, I went through the tutorials again to refresh my memory. This was extremely helpful as I would write down some important code on Visual Studio that I think I would use when implementing it later on. Other challenges were also getting the layout to be correct. The order page was the most difficult as I had to make the page divided into 3 columns, and for the longest time all of the images and text were off. To overcome this, I retraced my steps and looked at my code line by line and utilized the help of some google pages to see what I could do to get the right layout. There was a lot of guessing and checking, but it ended up working out at the end.

The overall brand of the website that I wanted to go for was friendly and welcoming as a bake shop should be. Customers want to connect with their local bake shop, so the font used is casual and friendly while all the colors of the text should remind customers of cinnamon buns with it being brown or shades of it. All of the pictures included as well should play to the customers' senses and make them more inclined to buy them because they look very delicious.

I am overall very proud with how my website looks. While some areas are not exactly the same as the design I mocked up, it is still very close to the general layout and all the links work!