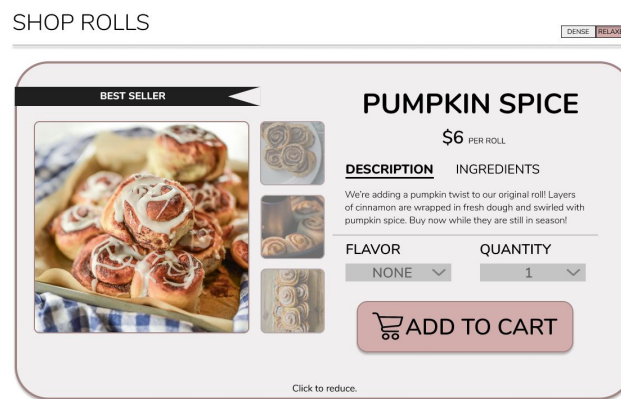


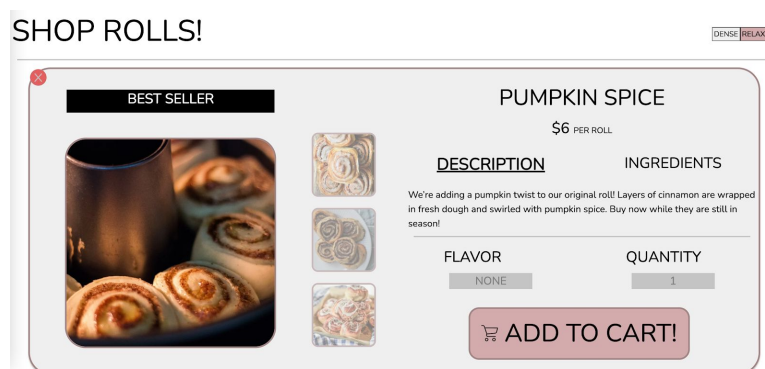
## Assignment 5 Web HTML and CSS Prototypes

### User Interface Bugs

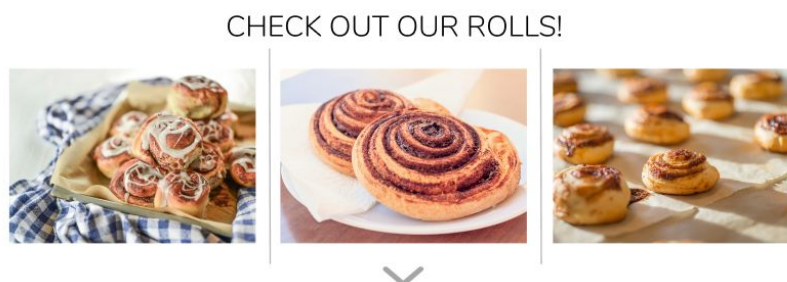
I found three main bugs when conducting my heuristic evaluation. The first bug was the lack of a super visible exit to the product detail page, violating Nielsen's heuristic of visibility of system status. In the original design, the "Click to reduce" text at the bottom was intended to indicate that the user could click anywhere within the gray box to go back to the browsing page.



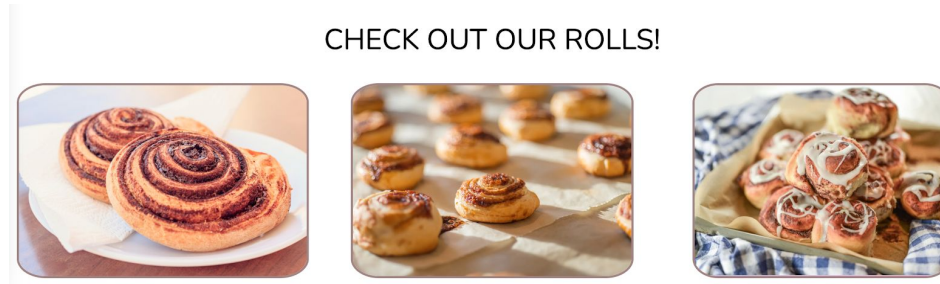
However, the text was extremely small. To ensure clarity, I changed the design to include a red "x" at the top left corner of the box to clearly indicate where to close the page from.



The second bug I noticed was that the homepage roll images were not formatted with a rounded border as all the other square images are on the website, violating Nielsen's heuristic of consistency and standards.



To fix this error, I rounded the edges and added a border to match all the other images on the site.



The final bug I noticed was the additional home page scroll indicator (as pictured in the third figure) with no images to scroll to, violating Nielsen's heuristic of error prevention. To fix this small issue, I just removed the arrow from the final design.

### Challenges in Implementation

I encountered many challenges while implementing this assignment. One of the main challenges that I consistently ran into was not being sure if I could implement something a certain way in CSS. Sometimes I would think that a certain parameter would do the job, but I would run it and the elements wouldn't change. The solution to this time-consuming problem was to go over tag and parameter descriptions as well as the grid example from Assignment 0 in order to understand everything in conjunction. I also had a very difficult time spacing elements because prototype dimensions were a bit different than my desktop. This required me to space some elements differently to properly fit everything on the page. Probably the most difficult part of this assignment for me was mastering the use of the grid, especially with regard to the product detail page. For that page, I found it easiest to use the grid-template-area parameter to properly segment all the content, but it took me quite a while to figure out how to set up those rows and columns and properly distribute information across them.

### Reflecting Brand Identity

Bun Bun Bake Shop, a small Pittsburgh based cinnamon roll bakery, that is welcome to both new customers and "regulars". By offering both a "relaxed" view - a view that displays images and prices of all the rolls Bun Bun Bake Shop sells - and a "dense view" - a view that allows purchase from that page, the design considers both the new and regular customer. The color scheme, specifically the pink and purple accents, aims to give the user a feeling of a warm and

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cozy bakery.