

HTML/CSS Prototypes

Website Links:

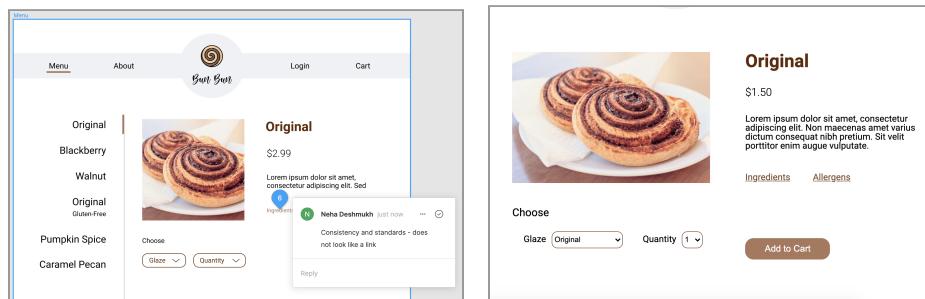
Github Repository - <https://github.com/nddesh/PUI-Fall2021>
Live Website - https://ndeshmuk.netlify.app/homework_5/index.html

User Interface Bugs

My heuristic evaluation brought forward a few different bugs relating to various heuristics. The following are the issues and my solutions to each bug:

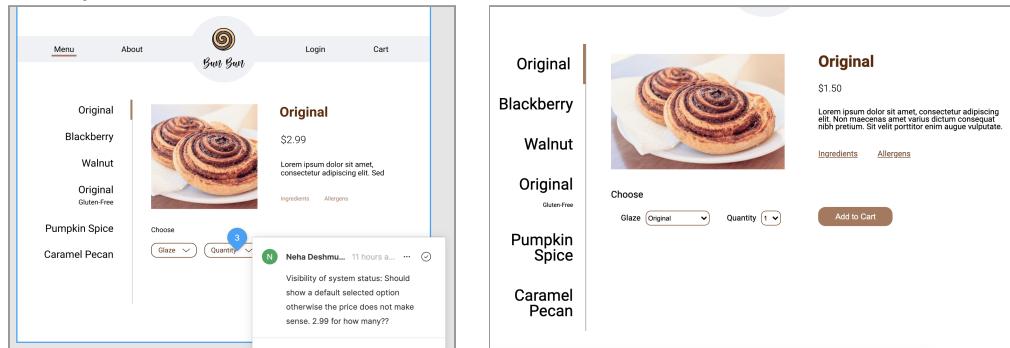
1. Consistency and standards

- This bug in my website design was on my menu page, in which the Ingredients and Allergens links did not look like links at all. This would prevent people from accessing important information about the product. I fixed it by adding an underline text decoration, which is the universal standard to indicate links or clickable text.



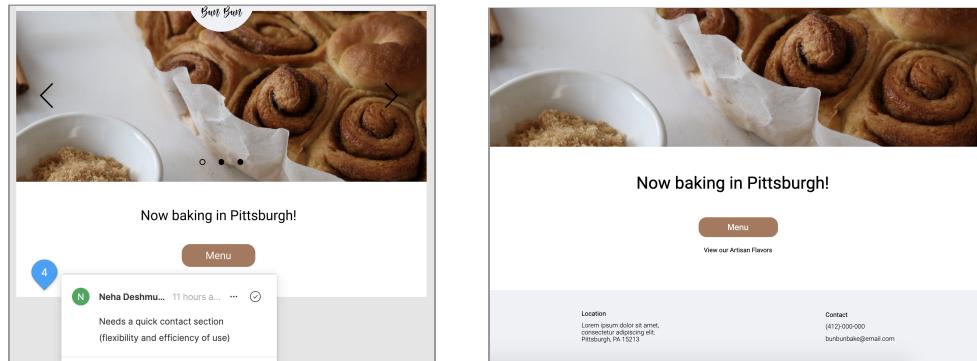
2. Visibility of system status

- This bug was also on my menu page, in which I have drop down selections for glaze and quantity of cinnamon rolls. This selection input previously displayed only the label or type of dropdown (glaze, quantity) but this did not show the default value being added to cart. It was also confusing because the price did not make sense since users would not know how many rolls they would get for the displayed price. Showing default values should also prevent errors.



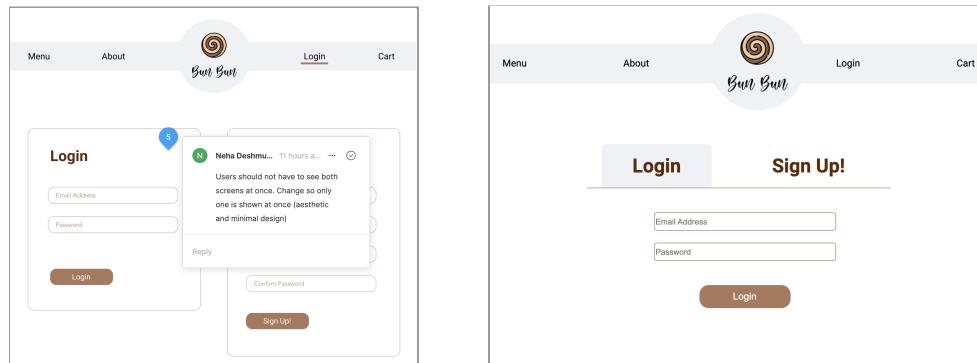
3. Flexibility and efficiency of use

- This heuristic targets an element that should make users' lives easier. My website previously did not include a footer element, and users would have to navigate through the website to find quick information like contact, location, etc. I decided to use a footer on each page to allow users to have quick access to such elements in case they only need this information and nothing else.

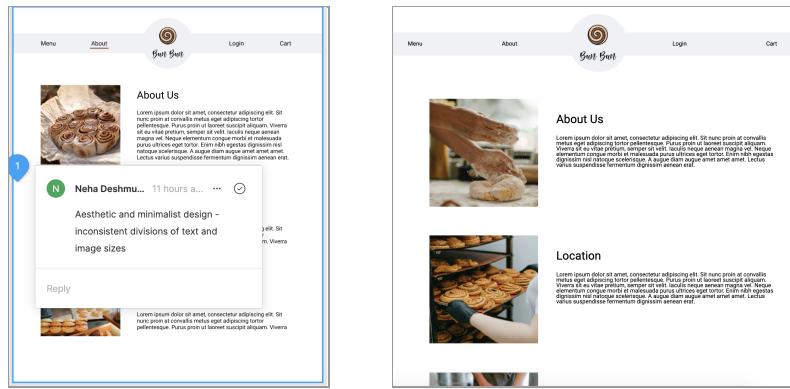


4. Aesthetic and minimalist design

- This heuristic targets my login page on which I previously had login and sign up options displayed side-by-side. However, users should not have to see both options at once, especially if they are already familiar with the website. This could become frustrating and potentially divide user attention between the two options unnecessarily. To fix this, I created a tabbed interface which shows login or sign-up depending on what the user picks.



- Another bug I found with this heuristic was on my about page. The images and text on this page were laid out inconsistently and did not exude consistent and aesthetic design. The images sizes were different so the interface was drawing attention away from the content and focusing more on the mistakes on the page. To fix this, I made sure each image and text content looked consistent throughout the page.



Implementation

Some of the challenges I faced were mainly on my menu page. Since my goal with this website design was to minimize navigation, my menu page integrates individual detailed menu pages and includes all the product information in a tabbed interface on one page. Since the functioning of this page was mainly based on tabs, the layout had to be split in a way that did not crowd information but also allowed people to have access to details. I had to make use of a lot of HTML containers and CSS styling to make sure this interface was correctly formatted and it took a while to get each dimension correct on the page.

Another challenge was the navigation bar at the top of every page. Since the center element of my navigation bar is the logo, I had to workaround using the normal navigation structure in HTML and use additional elements superimposed on each other so I could create the circle and logo at the center of the bar. I created this using an empty list item within the navigation bar at the center, so that it left some space for me to add another element on top (for spacing purposes) and then created an extra div element as a circle, holding the logo, positioned above the navigation bar and at the center of the page.

Brand Identity and Design Choices

The idea behind my design was to attract customers with large, mouth-watering images of desserts and a minimalistic interface that drew their attention to these images. The client's bakery specializes in cinnamon rolls and shipping fresh rolls around the Pittsburgh area, which I tried to incorporate in my website by showcasing images and a basic color palette. I think the highlight of the website is the use of minimal color and eye-catching imagery including pictures, icons, etc. I also think my menu interface shows customers the variety of flavors that the bakery specializes in without having to navigate through a lot of pages. All of these elements combined make sure the customer has a smooth experience and is attracted through the large imagery.