

## **Reflection on PUI Assignment 5**

- a. 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.**

After creating my high fidelity prototype on Figma, I moved on to create a html and css file to mock up the prototype for building a website. Looking at Nielsen's Heuristic Evaluation which are Visibility of system Status, Match between system and the real world, User control and freedom, Consistency and standards, Error prevention, Recognition rather than recall, Flexibility and efficiency of use, Aesthetic and minimalist design, Help users recognize diagnose and recover from errors, and Help and documentation, I have chosen to focus on the topics of Consistency and Standards, Error Prevention, and Visibility of System Status for improving my website.

Looking at my high fidelity prototype, I found that there was a lack of visibility of system status with no background color once the user enters the home page of my website. Other than my central navigation bar at the top of the page, all of the pages had white backgrounds which sometimes could confuse users. So while writing the html file and css file, I added a unilateral background color to each page to let the users know that they are in the website for shopping cinnamon buns.

In order to create Consistency and Standards for my website, I created a central navigation bar at the top of the website so the users know how to navigate through the website. I did not want to create a Hamburger menu because that would be confusing and add another layer of interaction between the users and the website. So in order to eliminate that process and to create a simpler interaction, I have created 5 tabs for the navigation bar which are About, Where, Home, Menu, and Cart tabs that are much more direct and concise.

For Error prevention and Visibility of system status, I have chosen to highlight each tab by signifying where the user is located in the website by placing a red line underneath the tab. This way there is feedforward for the users and this would ultimately, prevent errors.

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

During the process of implementation, I had a hard time figuring out how to write specific codes for certain functions. Creating a high fidelity prototype on Figma was comparatively easier than writing a html file because there were layout and structures for developing a prototype. However, with writing html and css file, I had to figure out what functions each code has and how to implement that code for use. Once I figured out how to structure the code and lay out the content, I was able to use those functionality for creating the website.

Since this is a static html and css file, I would like to get more interaction going and I would also like to further develop this website. Currently, the website is very simple. As I move forward, I would like to add more functionality and graphics to the website so it looks more professional.

**c. 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?**

As I iterated on the previous assignment, I have gotten a lot of my references from existing commerce websites. I tried to reflect on those commerce websites and implement things that seem to be simple and direct for the users to use. Also by going through the heuristic evaluation, I have found out that there is still more room for improvement on the website itself. However, with this assignment I was able to start coding with html and css.

Regarding the Brand Identity for my clients I wanted to create a comfortable space with very neutral colors. In order to emphasize that comfortable feel I did not use bright colors for my website and tried to create a more neutral setting.