

Website

http://josephhan.me/homework_5/

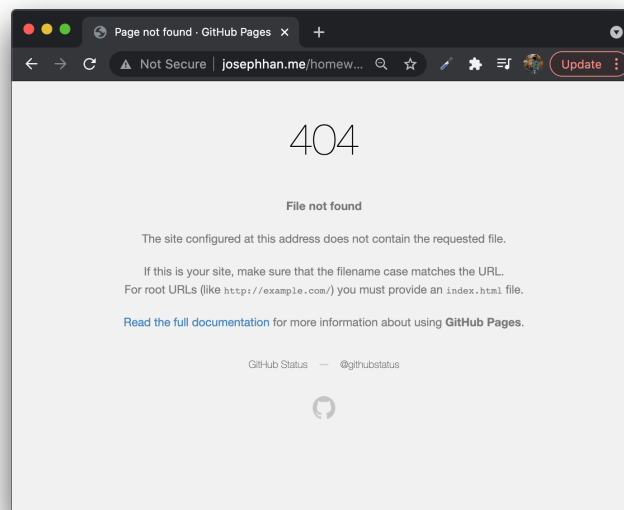
Source Code

https://github.com/PeperoJo/homework_5

Heuristic Evaluation

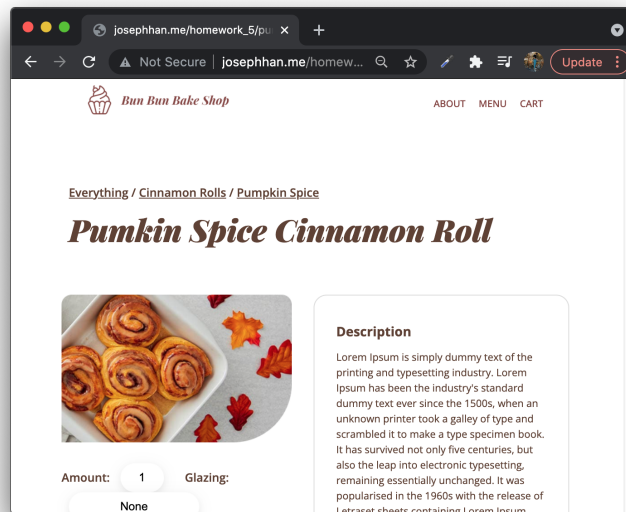
User Interface Bug #1: Invalid Hyperlinks Error Prevention

As this is a high-fidelity prototype site with only 4 pages, there are many links that do not work. For example, clicking on “ABOUT” from the navigation bar is supposed to direct users to “about.html,” however, it would result in an error since that page does not actually exist. For links with this situation, I simply switched the links to empty anchor tags so that clicking on them wouldn’t direct users to non-existent pages, thus preventing site errors. The empty anchor tags provide a placeholder for legitimate links in the future. It is not the best error prevention, but a simple fix that does its job for now.



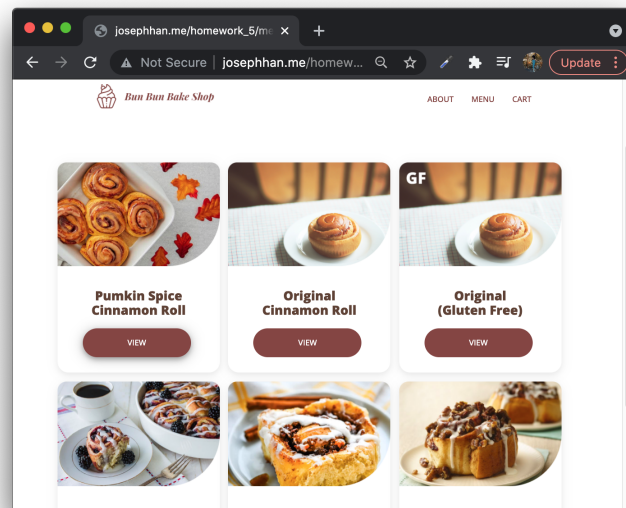
User Interface Bug #2: Breadcrumbs for Flexibility and Shortcuts

Although the main method of navigation throughout the site is through the top navigation bar, I noticed that it can be frustrating to go back to the menu each time. I decided to implement breadcrumb navigation as an alternative option for easier navigation and to speed up the process for some users, especially when they want to just go back to the previous category. Furthermore, the breadcrumb trail also provides a way for users to better visualize their location on the site.



User Interface Bug #3: Using Shadows for Better Action Recognition

When conducting mini-usability tests, I noticed that several users kept clicking on the images from the menu page to go to the product page instead of clicking on the “view” button. I decided to fix the user interface to help users recognize the “view” button by adding a shadow effect transition when the users hover over the buttons with their mouse cursor. This better indicated the potential action and clickability of the button in contrast to the still images.



Challenges

The biggest challenge I encountered in the process of implementation was having to create the user interface elements from scratch. I have previously utilized frameworks such as Bootstrap

that had basic elements such as navigation bars already pre-made as well as more complicated elements such as a grid system. It was very tedious having to build these elements using vanilla HTML and CSS. However, there were lots of resources available online (such as [building a navigation bar](#)) so it was not too complicated. Another challenge I encountered was the screen size; while the prototype created on Figma was for one particular size, web browser window sizes vary in size depending on the device and window width and height. I utilized `@media only screen and (min-width: N px)` in CSS to address this issue; since this assignment wasn't designed for mobile devices, there are still some visual bugs that need to be fixed.

Brand Identity

The Bun Bun Bake Shop website utilized several design elements to help build its identity. Starting off with the color scheme, I selected a particular scheme that would represent a sweet and soft environment and product items.



Rather than a harsh black color, I utilized a more pastel brown color as the main color for texts. For the accent color that is used for action buttons and navigation items, I used a charming maroon color tone that represents the sweetness of the baked goods. There are other secondary colors (“creamy off-white”, “sugary-brown”, “choco-brown”) that can be used for other user interface elements.

I also utilized a combination of two different fonts: Open Sans and *Playfair Display*. The Open Sans font is utilized as the main font as it helps provide a minimal, modern feel. It is easy on the eyes for browsing purposes. The Playfair Display font, on the other hand, is utilized for user interface elements I wanted to bring attention to (for example, the page title and brand logo). The italic, cursive-like visual provides a classy, traditional look that adds to a welcoming look.

Resources

- [Building a Navigation Bar](#)
- [Breakpoints](#)
- [Visual Effects](#)