Reflection of Homework 5

Delivery

HTML Files

Page 1. Home Page (Required)

Home.html

Page 2 & 3. Product Browsing and Detail Pages (Required)

Browsing-DetailPage(popup).html

Note: I applied popup instead of a new page as product detail page, therefore the browsing page and detail page are combined into one single file.

Page 4. About Page (for Bonus)

About.html

CSS File (Required)

Mystyle.css

Note: This is a single CSS file that applies to all html pages.

Validation

All the files had been uploaded for validation, and returned no error.

Interaction

Some of the buttons/pictures in my work are interactive/have hover effects. For example, the 'shop now' button on Home Page and About Page; The picture of first item on Browsing Page; the 'close' button on popup, etc.

Reflection

1. **What challenges or bugs did you encounter and how did you overcome the challenges?**

   1) *Dilemma on how to arrange content: table vs div*

      I've tried both table and div to arrange content, and I find that they both have pros and cons: div is flexible, easy to add white space with padding/margin, can fit in various structure designs. However, it's sometimes too flexible that it's hard to make it fixed. Table, on the other hand, is stable and simple, whereas lack flexibility. I overcome this dilemma by further considering how much flexibility I need for a certain arrangement. I tried to apply both of them in my homework, and see which one works well.

   2) *Difficulties on aligning elements on menu bar*

      On my menu bar, the shop logo aligns left while others align right, which is a little bit hard to handle at first. I tried table once but has difficulty filling the white space in the middle perfectly. And I finally solved the problem by referencing W3Schools and use ul & li tags, and align different element separately.

   3) *Difficulties on naming ids/classes*

      While doing this assignment, I'm surprised how difficult it is to name an id/class. Partially because the name has to be informative, concise, and non-repetitive as

well. I solved this problem by choosing the name carefully and add numbers behind when similar ones appear later. For example, for various products, I choose ids like item1, item2, item3, etc.

4) *Problems with float attribute*
When applying float attribute to div, sometimes it's very hard to make sure the div settles at the exact place you want. To solve this problem, I measured each and every width/height/padding of/between different elements, and define the div size as precise as possible.

5) *Problems when using picture as a button*
In Browsing Page, I use the product picture as the entrance of Detail Page (popup). By doing so, I set the picture as a button. However, at first, the picture is clickable yet has no hover effect to show that it's clickable. I then searched for solutions and found out that I can set its href to "#", onclick to function, to solve the problem. To make it even clear that the picture is clickable, I apply a hover effect by adjusting the picture's opacity.

6) *Difficulties on creating a popup*
The page I spent most time in this assignment is the popup, mainly because there're too much going on it: picture as a button, forms to submit, container, background, and tons of elements inside the popup. I solved this problem by referencing the popup tutorial on W3Schools, and searching for solutions on each bug I encountered during the way.

2. **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?**
Bun Bun Bake specializes only in cinnamon rolls and is a small homemade bakery. Their brand is highly related to homemade, small scale, and local. Therefore, before diving into detailed design choices, I set the theme of this website to be cozy like home. All my design decisions are based on this principle. I did so because I want the website to remind people of the foods made by their grandmas, of tastes and memories at home when they were children, thus calling their actions to have a try and frequently come back.

External Resources

I didn't directly copy any code to my own work, but I did learn a lot about the methods from external resources. Below are what I've referenced while doing this assignment.

1. How to create link buttons
https://www.w3schools.com/css/css_link.asp
2. How to create popup
https://www.w3schools.com/howto/howto_js_popup_form.asp
3. How to create navigation bars
https://www.w3schools.com/howto/howto_js_topnav.asp