Assignment 4, Reflection
GitHub Collaboration Link: https://github.com/agarwaln27/homework_5/invitations

(1) What challenges or bugs did you encounter and how did you overcome the challenges?

For someone with very little prior coding experience, this was the most I have ever coded, but it was rewarding to see it all come together! It was definitely a challenge all around - even just getting started and figuring out how to structure all my documents, getting all my images together, and then finally getting the site to reflect my vision. The biggest challenge was in formatting the various elements of each page. For example, I wanted the navigation bar to stretch out across the width of the page and for the captions of the products on the "All Cinnamon Buns" page to be underneath the pictures. Some items took me a lot longer to figure out through trial and error, so I simply had to let certain items be the way they were (for sake of time spent on this). Thankfully, there are lots of great resources out there, so for things like the navigation bar getting to be in a grid format with pink text, I was able to reference similar examples to create the look and feel of my own. With the formatting of the products grid, I ended up using a wrapper and then creating columns and rows for my images. I was also able to make the different sized images consistent through use of margins and setting custom measurements in CSS. Playing around with position, display, and margins helped me achieve a rough table. It was mostly an experience of trial and error and referencing examples online for structural ideas.

Another challenge I experienced was at the end when I validated all my HTML and CSS pages. I ended up finding a few minor errors, such as with importing a font from google fonts and just overseeing some mistakes in indentation or really small incomplete parts of the code that I had started, but never came back to. I found some solutions for replacing an illegal character "|" with a "%7C" for the google font. For the mistakes, it was helpful to have the validator do a final quality check for me so I could go back and manually clean up the errors.

(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?

Through the design of the website, the brand is illustrated as straightforward, simple, and one that pays attention to the beauty and detail its cinnamon rolls. In this iteration, I updated the picture on the home page to be one that shows hands rolling dough, to communicate a personal side of the bake shop. There are only four choices on the navigation menu, because it is a simple site that does not over-complicate or unintentionally place a high cognitive load on the user.

I tried to design a usable and straightforward website because people generally have a few specific goals that they try to achieve when looking at a bake shop's site, and should also feel inspired to get a beautiful and delicious cinnamon bun. The products page clearly shows the different types of cinnamon buns and their respective price points all on one page (for quick comparisons). Clicking into a product allows easy selection of quantity and glazing, with a large image and engaging tagline.

Image sources:
The Noun Project for several symbols (Account, Cart, Arrows, Cinnamon Bun in logo)
Unsplash.com for several Cinnamon Bun images
Other Cinnamon Bun images

- Blackberry Cinnamon Rolls, https://gatherforbread.com/blackberry-cinnamon-rolls/
- Cinnamon-Walnut Sticky Buns,
  https://www.tasteofhome.com/recipes/cinnamon-walnut-sticky-buns/
- Quick and Easy Cinnamon Rolls, https://www.handletheheat.com/quick-easy-cinnamon-rolls/
- Pumpkin Cinnamon Rolls,
  https://www.holidaysmart.com/articles/24-things-pumpkin-spice-besides-coffee
- Caramel Pecan Buns,
  https://www.pillsbury.com/recipes/caramel-pecan-buns/5fdea36f-0d3d-4c58-a08c-68422e427955
- Maple Pecan Sticky Buns,
  https://sallysbakingaddiction.com/2017/04/12/maple-pecan-sticky-buns/
- Caramel Pecan Cinnamon Rols,
  https://www.tasteofhome.com/recipes/caramel-pecan-cinnamon-rolls/
- Cinnamon Rolls, https://www.bakefromscratch.com/classic-cinnamon-rolls/