Final Project Write up: Irene Hong

Part 1:

My project is an interactive, ocean-themed personality quiz that is meant to provide a creative and fun insight on various personality characteristics. As a user navigates an interactive storyline, where they are able to make their own decisions, they will end up with a personality result that lists out various characteristics, such as strengths, weaknesses, and compatibility with other personality types.

My project incorporates various types of interactivity, including animations, hand drawn illustrations, and personalized characters for each personality. I wanted to focus on having the quiz storyline be as immersive as possible. Additionally, the different options that are offered to the users allow them to reflect on how they would react in such situations.

The target audience includes users who are really interested in personality types, such as the Myers-Briggs 16 personalities (which is what the quiz is based on), and want to explore how each type is defined. This also stems from my own interest in how personality types interact with one another and how they could be represented in different forms, such as sea creatures.

Part 2:
- Personality Quiz
  - Navigate through each quiz page by pressing an option first, and then the next button.
  - The 'next' button should be disabled until you press an option.
- Start Quiz Over
  - Click on the 'Start Over' button on the results page to start the quiz again
- Home Page
  - Click on the fish icon in the navigation bar to return to the home page

Part 3:
- Bootstrap
  - **Why you chose to use it?** I chose to use this tool in order to make my website more responsive and user friendly for different screen sizes. When I presented during the final project showcase, I realized that the larger screen on the projector altered my CSS quite a bit, and I became worried that the same issues will occur with smaller screens.
  - **How you used it?** I implemented Bootstrap throughout the HTML pages, especially in the results page, where there were more text and image elements that had to be formatted. I utilized the 'col' and 'row' features to ensure that the format stayed consistent even with different screen sizes.
  - **What does it add to your website?** It adds increased accessibility and a consistent format structure throughout my website. It also allows me to change how the buttons/elements are changed, depending on the screen size changes.
- CSS Animation

- ○ **Why you chose to use it?** I chose to include the animations because I didn't want the fun drawings/illustrations to be simply static - since it's a storyline, I believed that the animations could make it more real.
      - ○ **How you used it?** I mainly used CSS animation features, as it made more sense to use it for simple tasks versus an animation js library like 'Anime.js'. I used it on the character results page and the last quiz question page to depict a fishing reel. I also used it on the wave illustrations for some pages to depict the ocean.
      - ○ **What does it add to your website?** The animation adds another layer of interactivity and character to the personality quiz. I wanted the website to resemble an interactive, immersive storyline, and the animations help with that effect.
  - ● <u>Procreate Illustrations</u>
      - ○ **Why you chose to use it?** I chose to illustrate and create the visual elements for each quiz question in order to ensure I had the right assets for each page. I also believed providing a quality visual aid would be able to communicate my ideas more effectively.
      - ○ **How you used it?** I utilized the Procreate app to hand draw each visual asset. For visuals that required separation animations (i.e. waves and the boat) I separated the layers and then overlaid them with CSS.
      - ○ **What does it add to your website?** I believe these hand drawn drawings add another level of quality and interactivity to the overall experience. Creating these assets myself also allowed me to be more creative and have more flexibility with the animation aspect as well.
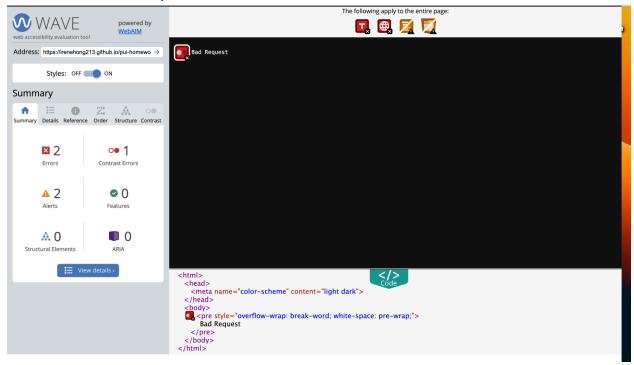
Part 4:

The overall design/theme did not change too much from my initial wireframes, as it continued to stay ocean-themed with a blue color palette. However, the initial plan for the illustrations did change significantly, as I created a more chronological storyline, whereas before, it was more like different scenarios stitched together. Regarding my prototype, I went through quite a lot of iterations with the formatting of the quiz pages, as adding in the illustration (that had a transparent background) was really tricky. I ended up having to save all of the illustrations separately and then edit the background size there. The last big change I implemented was in the results page, where I added a lot more information regarding the personality result than I had in my initial wireframes. I ended up adding various strengths, weaknesses, compatibility with other personality types, and highlighted main traits.

Part 5:

The main challenges I faced centered around the amount of unique data I had to integrate. There was a lot of data I had to create and organize, since there were 16 unique result pages, and I had to figure out how I could replace only specific HTML elements so that I didn't have to create 16 individual pages. Additionally, formatting the results page was a little tricky, as I had to implement a lot of containers, as well as Bootstrap features.

Appendix:

- <u>Responsiveness</u>: My website is responsive on any desktop/tablet screens.
- Accessibility: For some reason, WAVE is not showcasing my website properly and the same errors are present no matter what.

I also tried putting my website through another tracker, accessibilitychecker.org, but the same issue persists.