Assignment 8: Prototyping your Final Project

Link to website: https://jasadex.github.io/pui-fall21/

Link to GitHub repo: https://github.com/jasadex/pui-fall21/tree/final-project

Part 1

The purpose of my website is to promote stable long-term relationships in young LGBT communities. In this website, I contrast the similarities and differences between same-sex and different-sex relationships through relationship stages, as well as highlight factors that might affect relationship stabilities in young LGBT communities. Users are engaged ideally by the large and flat design of the website. Within the Relationship Stages and Relationship Stability pages, users can also engage in a stage-like learning by navigating through different stages and factors within the same page, with specific topics presented as pop-up modals. The primary target audience of this website would be members of young LGBT communities who wishes to learn more about relationship processes and stability. The website is also applicable to all audience who would want to learn about the similarity and differences between same-sex and different-sex relationships, as well as to learn about the unique challenges young LGBTs can face in their relationships.

Part 2

- Navigation across pages by clicking navigation buttons/links. On the home page, this is done through clicking the three large buttons at the bottom of the screen, which would lead users to each corresponding page. On Relationship Stages, Relationship Stability, and the About page, this is done through clicking links in the side-navigation bar, which would lead users to each corresponding page.
- Navigation within pages by clicking side navigation. On Relationship Stages, and Relationship Stability pages, users can click page sections in the side navigation which would lead them to each corresponding section on the same page.
- Modal cards. On Relationship Stages page, users can see the challenges presented in the forms of cards in each stage. By clicking each card image, a modal will pop up and explain each

challenge more. By clicking on the close button or any area outside the modal, users can close the modal and continue reading the main content.

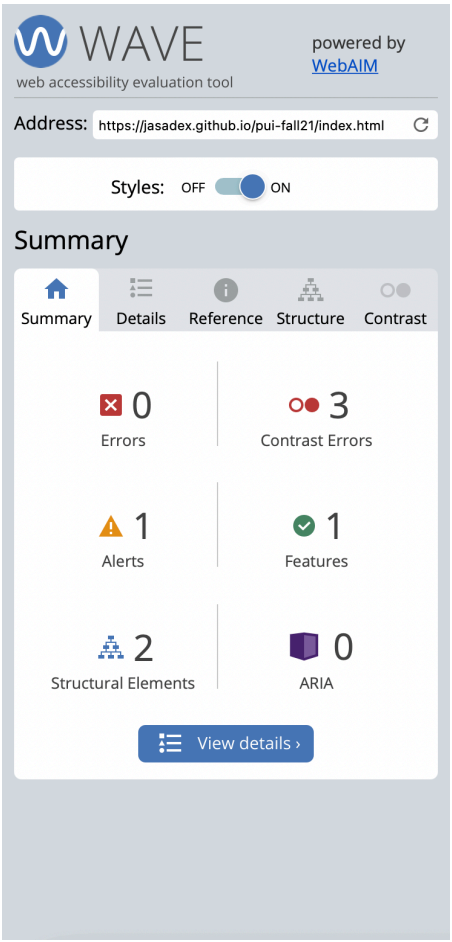
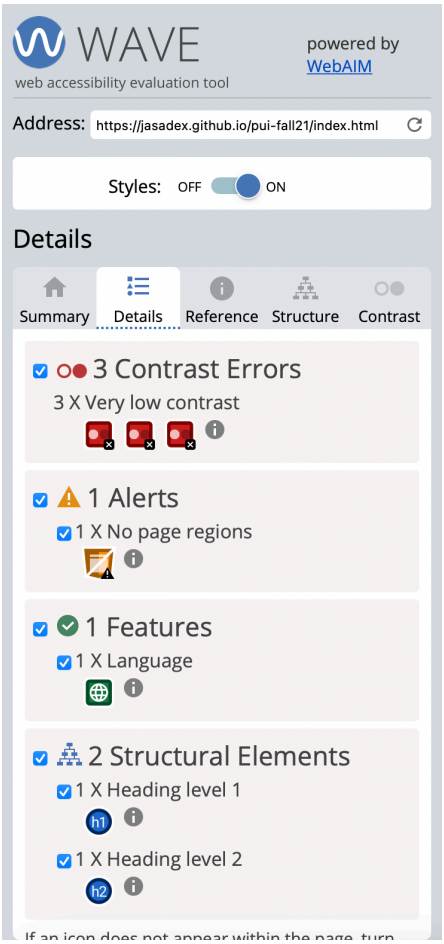
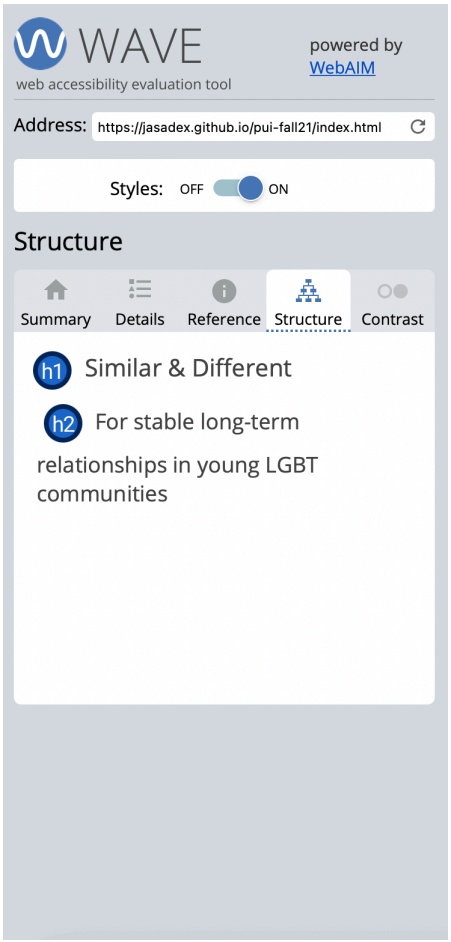
Part 3

- For this project, I decided to use Bootstrap as my external tool.
- I chose this tool primarily for the purpose of easy responsive design, as well as utilizing its Javascript functions and CSS styles.
- In my project, I used the Bootstrap layout for the layout of the website and the column layout of challenge cards; the Scrollspy function of Bootstrap to make an interactive side navigation bar; the Card elements to present challenges in each relationship stage as modals.
- I love how this tool allowed me to easily do layout without using CSS grid, which was a challenge in previous assignments. Scrollspy also allowed me to make an interactive side navigation that keeps track of user's progress on each page, which is important in pages with long readings and many sections like my website.

Part 4

The main iteration from the mock-up in assignment 7 is changing the "statistics" section in each relationship into "challenges" due to the updated content as I did more research into the topic. Graphical elements are also minimized or removed due to time constraint.

Part 5

The main challenge of this project is getting the desired layout for my website. This is solved by using Bootstrap as well as using the "vh" property of CSS.

Accessibility (WAVE tool)