

# Assignment 8

## Final Project Reflection

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**FALL21 PUI**



**Link to Github Website :** [https://yvonnehou98.github.io/homework\\_8/](https://yvonnehou98.github.io/homework_8/)

**Link to the bonus video:** <https://youtu.be/1GJBX8t-5js>

## Part 1 Overview

**Website Purpose:** This website will be linked to my current portfolio as a sub-section to showcase my passion in the field of inclusive design, and potentially attract the professional audience to help me get a design job in the field of accessibility.

**Information Conveyed:** This personal website pertains to my past design pieces and published articles around the topic of accessibility to show my passion and past experience in this field for my future recruiter. Specifically, it includes one design project, one medium article, and one accessibility design guideline I wrote. Also, the website has a detailed contact page and embedded google form to send me a message right on the spot.

**How is it interesting & engaging:** I believe my website is very engaging since I utilized multiple meaningful animations to add spice to the content. I was mindful of not using excessive motion yet adding adequate fun to the static webpage to appeal to the users.

**Target Audience:** The website targets professionals such as recruiters and potential colleagues and peers that share the passion for inclusive design. I will reach this audience group by posting this website on my resume and LinkedIn.

## Part 2 User Instruction

- **Interaction type I implemented:** Image carousel  
**How to reproduce:** Click on the dots or the side arrows on the top half of the home page to see the carousel images. You can click back and forth.
- **Interaction type I implemented:** CTA Buttons that link to external links  
**How to reproduce:** Click on the buttons and wait till the browser opens a new tab of content.
- **Interaction type I implemented:** Embedded Google form with animated feedback once finish sending the message.  
**How to reproduce:** Fill in all the text input fields and click on “Submit” button.
- **Interaction type I implemented:** Embedded Google form error prevention  
**How to reproduce:** Leave all input field blank and try clicking the submit button. A alert will pop up to remind user fill in the required fields.

## Part 3 External Tools used

- **Tool Name:** Javascript Library Typed.js

**Why I used it:** This is a simple yet effective js animation that helps the main message to stand out. By directing users' attention to the title, they will instantly know that my passion lies in accessibility and inclusive design before even looking at the content in detail.

**How I used it:** I added the Typed.js CDN wrapped in <script> tag and put it into the header. Then, I followed the instructions on its official README to integrate the typing effect into my portfolio title. Link here: <https://mattboldt.com/demos/typed-js/>

**What it adds:** This typing animation makes the website more lively and attracts users' attention when they landed on my page. It also adds personality to my portfolio and showcased my design ability.

- **Tool Name:** Bootstrap Library

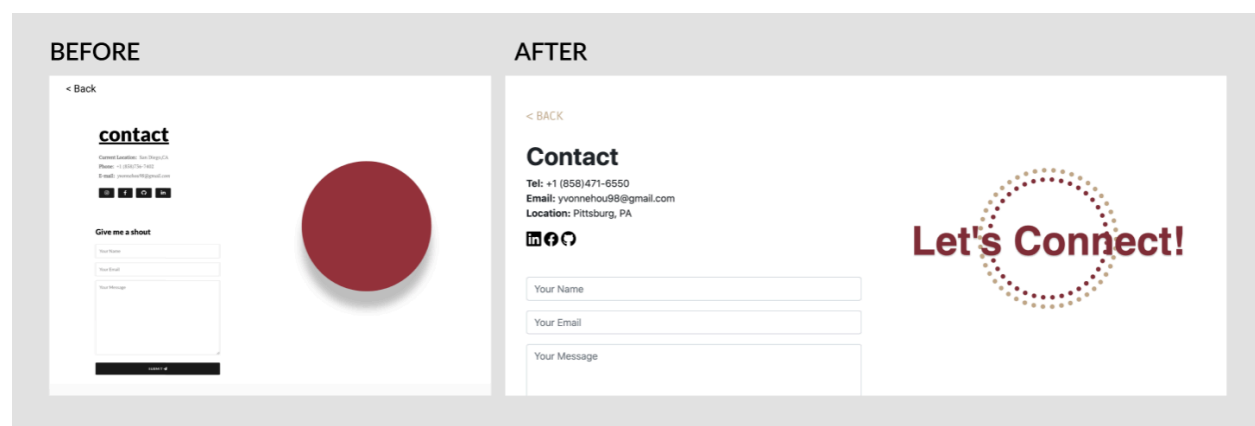
**Why I used it:** Bootstrap is a handy library that is easy to set up and helps me achieve an organized response page easily. Since I am using a card-based layout for the main page, it makes sense for me to employ the Bootstrap grid.

**How I used it:** I first import the bootstrap library into the header. Then, I used its built-in classes such as "col" to easily construct the grid layout of a responsive design.

**What it adds:** By utilizing Bootstrap Library, my website gained a good grid system and clear information hierarchy.

## Part 4 Iterations on HW7

I continued to iterate on homework 7 based on the constructive feedback from the lab peer critique session with Vikitha. From her feedback, I realized the red bouncing ball is not a good fit for the contact page. Thus, I changed it to a more subtle animation that also conveyed more meaning. Also, I added feedback after the user submits the form.

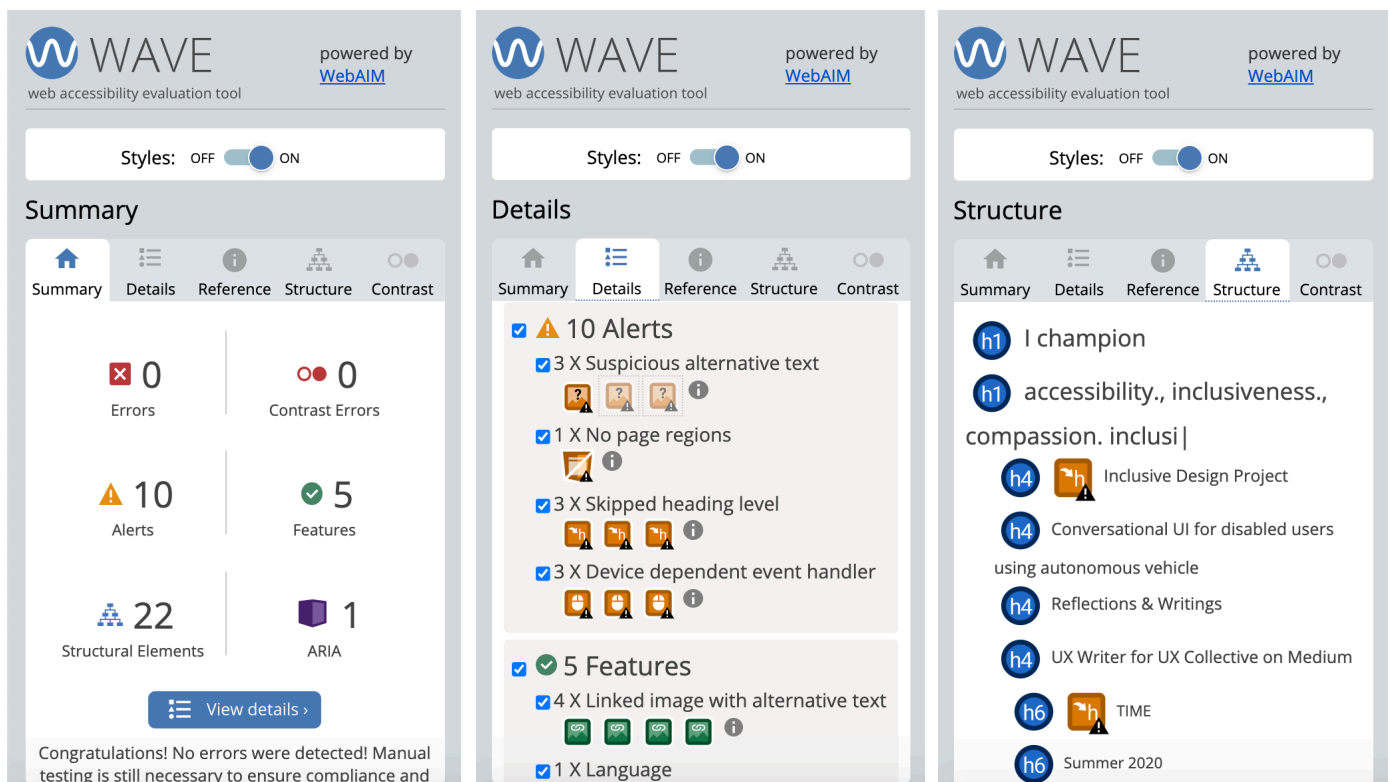


## Part 5 Challenges

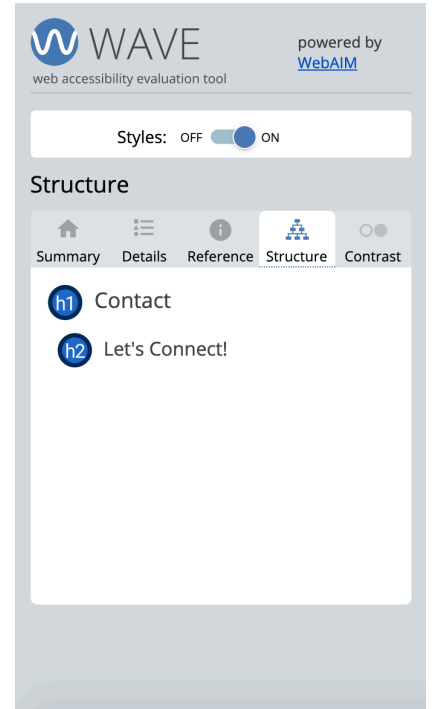
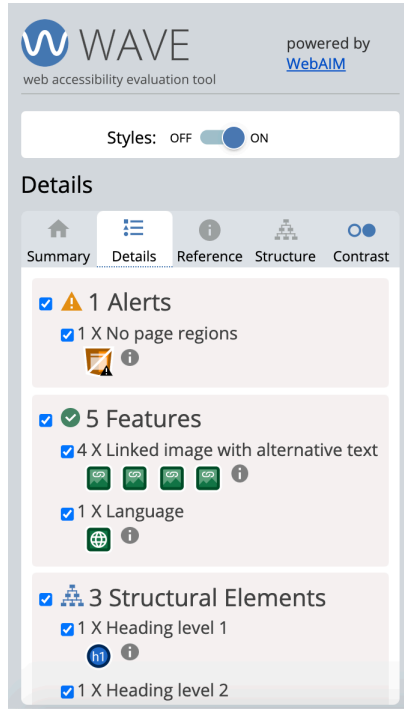
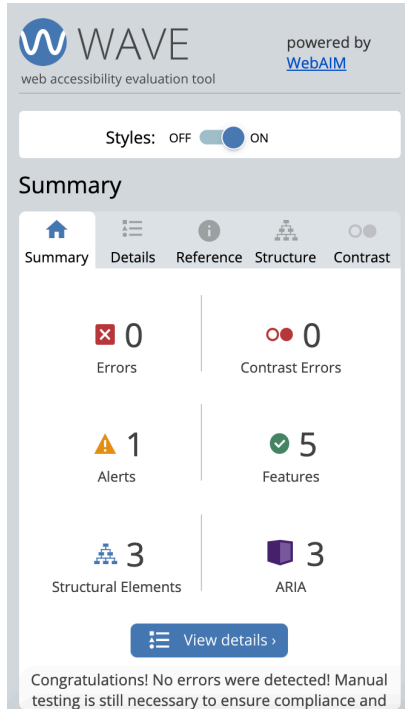
I found it challenging when I took further steps to make my animations accessible by adding the reduced motion version through code. After researching, I successfully improved my bouncing animation and the circular motion by placing both the transform and animation attributes inside the media query set to “no preference.” Therefore, only those who haven’t set a preference for reduced motion will see them. On the other hand, if motion-sensitive users set their preference for reduced motion, the animations will statically appear on the screen.

## Check with WAVE

### Main Page



## Contact Page



## Bonus: Task with screen reader Chromevox

Link to the demo video: <https://youtu.be/1GJBX8t-5js>

**Task 1:** Navigate to external project detail link through “Learn More” button

**Task 2:** Navigate the footer, and then click “Back to top”

**Task 3:** Fill and submit the contact form on the contact page