Final Project

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Screen sizes to be viewed

1. 1440px Wide
2. 393px Wide

Part 1

The inspiration of my website came from my personal struggle of constantly wondering which produce is in season at a specific time of the year and the lack of an easy-to-use and easily accessible platform to refer to. After sharing my idea with other classmates, I learned that I am not the only one with the struggle and that the website might benefit many others. Therefore, the main target audience for my website is individuals who find joy in cooking and eating as well as those who enjoy whole foods.

Ideally, the website would contain four pages, each dedicated to one season. However, I had the chance to implement only two (Fall and Winter). Both of them should provide a sense of how I envisioned the full website to be. Within each page, there are three main categories of information: lists of produce in season, examples of recipes that utilize some key ingredients from the season, and the overall benefits of eating seasonally. The website engages users through the Favorites feature, where users are able to bookmark the produce items that they like and save those in the Favorites list for easy reference. It also creates a calming effect (based on one of the comments from the showcase in the lab section) through the illustrations and the parallax effect, making the website pleasant to look at.

Part 2

Ways to interact with the website are the following.

- Parallax - scroll through the page slowly
- Add items to Favorites list - click on produce items to add
- Remove items from Favorites list - click on “x” on items in the Favorites list after they are added
- External Links - click on recipes to be transferred to external websites

Part 3

In order to build the website, I used Rellax (https://github.com/dixonandmoe/rellax) as the library. I have really appreciated the synchronization between image movements and scrolling since it feels very interactive as a user, and therefore, I was looking for a library that would do exactly that. The parallax effect serves this purpose well. Since this was the first time that I am coding with a JS library, I

had no idea where to start and had to look up online tutorials for it. Ultimately, I linked the script in the html file, added in images that I wanted to add the parallax effect to, and played around with the scrolling speed and positions on the screen until I reached the desired result. This effect was a new addition to my prototype. I think the addition of it created quite a positive and impactful end product. The website looks more calm and visually engaging because of it.

Part 4

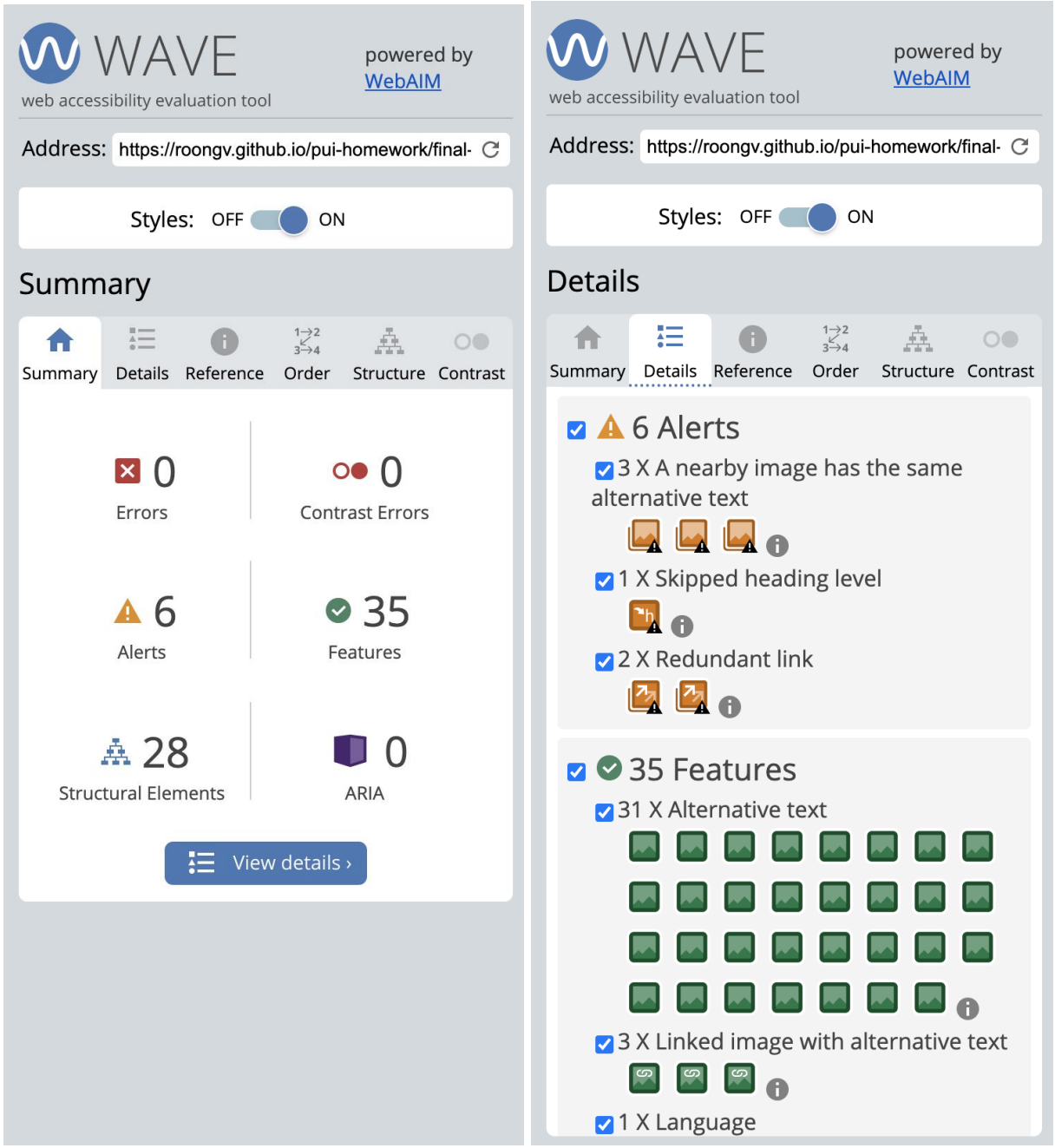
While implementing the website, I was able to stay quite close to what I had prototyped out in Figma. One small difference was how the produce list was designed to be in two columns, but because I had hoped that users could potentially add more items to the list for themselves (perhaps on local storage), I was not sure how that could be implemented (how do I distribute the items equally between two columns when the total number of items is constantly changing?). Another difference was the layout of the recipes and the benefits cards. I was able to play around with the formats through flexboxes and implemented layouts that are more fun than the initial design. One important thing to note is that for the deployed website, I had the chance to implement one more page (for Winter). I did not draw out what the design would be for the earlier iterations, but the layout and format resemble those in the main page, and I was able to replicate that page easily. Lastly, I discovered Rellax while I was coding and incorporated this new feature into the website.

Part 5

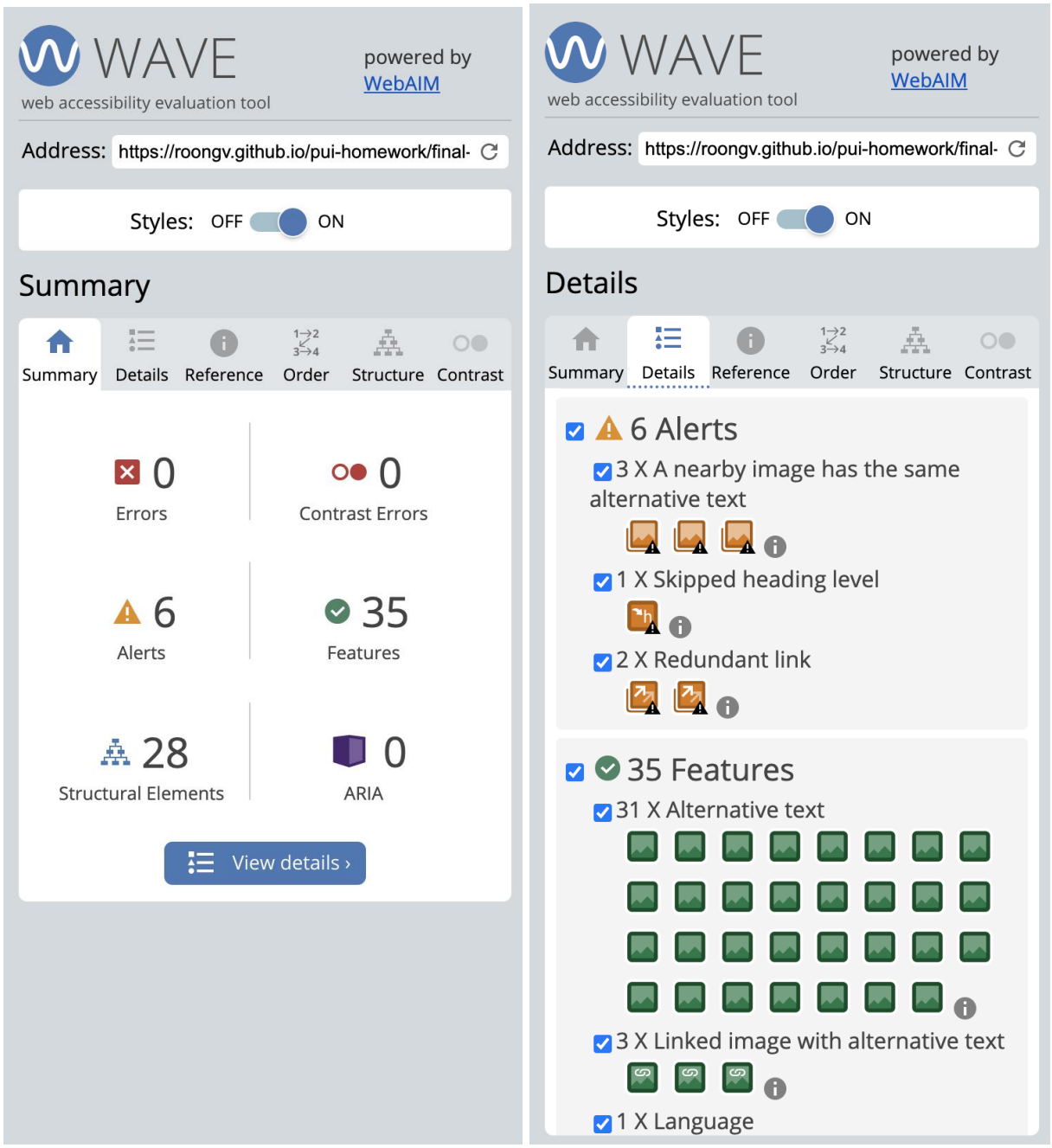
One of the main challenges that I experienced while implementing the website was the local storage. After numerous tries, I was unable to implement it. Another challenge was updating the website to meet the accessibility requirements. I did not foresee the complication of using an image as a background and had to update my code to accommodate for that.

Wave Evaluation

"Fall"/Index Page



“Winter” Page


WAVE
web accessibility evaluation tool
powered by WebAIM
Address: https://roongv.github.io/pui-homework/final-
Styles: OFF ON
Summary
Summary Details Reference Order Structure Contrast
0 Errors
0 Contrast Errors
6 Alerts
35 Features
28 Structural Elements
0 ARIA
View details ›
WAVE
web accessibility evaluation tool
powered by WebAIM
Address: https://roongv.github.io/pui-homework/final-
Styles: OFF ON
Details
Summary Details Reference Order Structure Contrast
6 Alerts
3 X A nearby image has the same alternative text
1 X Skipped heading level
2 X Redundant link
35 Features
31 X Alternative text
3 X Linked image with alternative text
1 X Language