

### **Part I: Website Description**

This website draws upon my personal experiences and serves as an informational tool for finding the best coffee shops to study in several cities around the world. The purpose of this project is to provide helpful suggestions for people who also like to explore and study at different coffee shops and to keep a personal collection of coffee shop memories for myself.

In order to create an interactive and engaging experience, I made an interactive world map where users can click on certain cities and be directed to a set of coffee shop suggestions based on their location selection. I also added animations on how things appear and transition on the screen to help users navigate the page and be engaged. When users hover over a location on the map, they are also able to see the location being highlighted with a different color and a text label popping up, which indicates their current location selection.

Since my target audiences are people who enjoy studying, working or meeting up with friends at coffee shops, I decided to include information that is normally missing from coffee shop websites or other online review platforms like wifi speed, noise level, power outlets availability, crowdedness, and interior design styles. By reviewing my website, users should be able to see authentic images and make better decisions on where to go based on their goals.

### **Part II: User Interactions**

1. Hovering over a highlighted area on the map on home page: a text box containing the country name gets displayed
2. Hovering over a location pin on the map on home page: a text box containing the city name gets displayed
3. Clicking on a highlighted area on the map on home page: home page expands and automatically scrolls down to the expanded recommendations section with coffee shop details for the selected country
4. Scrolling down to the bottom of the home page: coffee shop recommendations are displayed as individual cards, organized by cities
5. Clicking on “Back To Top” button at the bottom of the home page: the page automatically scrolls back to the map section
6. Clicking on a different highlighted area or location pin on the map on home page: explore different coffee shops at different locations

### **Part III: External Tools**

1. Name of tool
  - a. bootstrap library, jQuery Mapael, CSS animations

2. Why did I choose to use them?
  - a. I used the bootstrap library for creating a responsive, grid layout of my website, so users can access information on my website with different devices. I used the jQuery Mapael plugin for making an aesthetically appealing, interactive world map. I used basic CSS animations for engaging users when they first opened up the website.
3. How did I use it?
  - a. I consulted how each tool works on its official website and included links to access them in the <head> section of my html file.
4. What does it add to my website?
  - a. The bootstrap library helped make my website more responsive to different screen sizes. The jQuery Mapael tool added interactivity to my map. The CSS animations made my website more fun and engaging for my audiences.

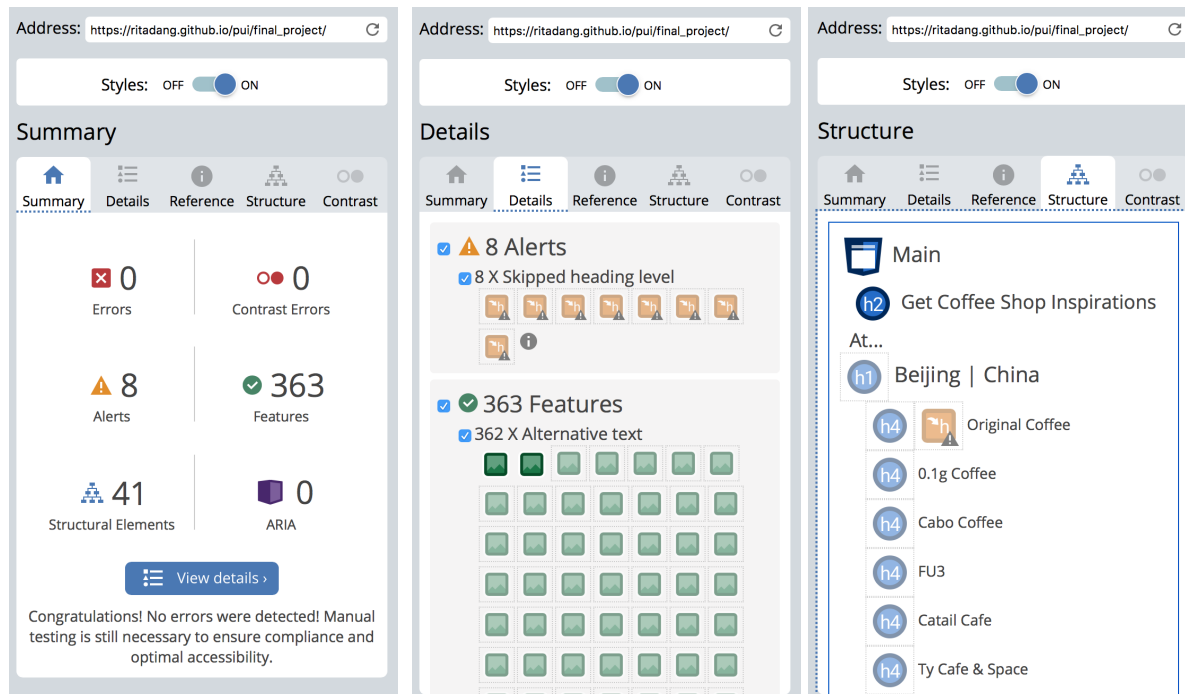
#### **Part IV: Improvement From Previous Mockups**

- I changed the style of the tooltips of the map since I realized that the text color I used in my prototype had low contrast with the background and therefore was hard to read.
- I added a “Back To Top” button at the bottom of the expanded home page since I wanted to offer quick shortcuts for users to go back to the map at the top of the page.

#### **Part V: Challenges In Implementing the Website**

Since I had never used the bootstrap library or implemented an interactive map, it was challenging and time-consuming to digest and learn all this new information and tricks in a relatively short period of time. Making the website responsive also took me more time than I had anticipated since what worked for one screen size does not always apply to another.

## Proof of Accessibility:



## Citations

<https://www.vincentbroute.fr/mapael/>

<https://unsplash.com/>