PUI: Final Project
FP4 Write-up

Lukas Chen | PUI FP4 Write-up | Dec 9, 2022

Lukas Chen

Coffee Meets Carnegie

Part 1

Purpose

Part 1

- **What is the purpose of your website?**
    - The purpose of my website is to match the user to their perfect cafe in the Pittsburgh area. Coffee Meets Carnegie is a play on Coffee Meets Bagel. I've been meaning to explore more local cafes, and this was a great reason to learn more about them. I wanted to also create something fun, expressive and provide others a way to discover where they could next venture.
- **What information do you convey with your website?**
    - My website conveys 4 local Pittsburgh cafes descriptions with influence coming from my own personal experiences. I also display the Google Maps locations and Yelp reviews to provide more information. I've also linked the actual cafe websites onto the cafe names, in case they want to dive deeper.
- **How is it interesting and engaging?**
    - My website is also a twist on Buzzfeed quizzes, as the user has to take a personality quiz first to generate their cafe recommendation. Based on their answers, they'll be recommended a cafe and then they can click on "Learn More" to be directed to that particular cafe's information.
- **Who is the target audience?**
    - The target audience is anyone who is interested in discovering local cafes in Pittsburgh. If I have to be more specific, I was intending for CMU or Pitt students near the area, since many are interested in venturing to local cafes to study or chat.

Part 2

Interactions

Part 2

- **Homepage Interactions**
    - Coffee Meets Bagel Logo on upper right corner -> Click on logo -> Leads to Coffee Animations page
    - Beans-uiness button -> Click on button -> Leads to Quiz page
- **Index (Quiz) page Interactions**
    - Music plays upon page loading
    - Coffee Meets Bagel Logo on upper right corner -> Leads back to Homepage
    - Quiz questions button answers -> Upon hover you'll see a border/shifting -> Upon clicking, the buttons will gray out to let you know you've answered -> You'll also be directed/scrolled to the next question using Window.scrollTo()
    - Once you answer all questions, you'll see your cafe recommendation(s)
    - Restart button -> restarts quiz
    - Learn More button -> Click to be directed to the appropriate cafe description using #anchors
- **Coffee animation page Interactions**
    - Another song plays onto page loading
    - Coffee Meets Bagel Logo on upper right corner -> Leads back to Homepage
    - Hover over coffee machine and you can see an animation; it'll make you a cup of coffee
    - You can zoom in and out in the Google Maps
    - Click on Yelp reviews to be directed to the Yelp page
    - Clicking on any cafe name will direct you to the actual business website
- **Responsiveness**
    - Please use the site as a desktop/Macbook Pro modality and at 480px for mobile phones
    - Focused on making the quiz answer choices (index html page) turn into a 2x2 grid for easier usability when in the mobile modality

Part 3

External Tools

Part 3

- **Coffee Making Animations**
    - I chose this because I thought it was something I wanted to relax my user. I enjoy watching people make coffee, and thought it'd be fun to include this animation to bring someone into my website as a place of relaxation.
    - I cited my animation into the CSS file. I wanted to find a way to use animations with CSS and this seemed to be the most promising that related to my website's cafe theme. It uses @keyframes
    - Once the user wants to learn more about their recommended cafe, they can "grab" a cup of coffee when reading about their answer
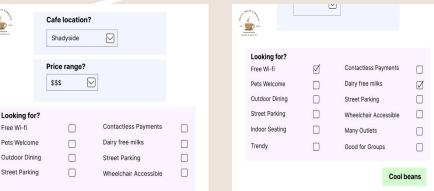- **Google Maps/Yelp Reviews API**
    - Once a user finds out their cafe match, they tend to be curious about where the cafe is and how reputable it is. I believe Google maps helps them understand where to go and the Yelp reviews help give them more context
    - The Google Maps are embedded in an iframe. The embedded Yelp reviews are in span tags. Both were gotten directly from the Google and Yelp websites.
    - Google maps and Yelp reviews are so ubiquitous now when researching cafes that it was a must. People want to know where, how fast, and what types of drinks are available. They also want to be able to judge these cafes based on prior reviews. This provides more context to help the user decide on which cafe to visit.

Part 4

Iterations

Part 4

- My first iterations of this website was actually more objective. The idea was that I could implement a filtering system, for example a user could check they wanted "Many outlets" or "Ample seating" to see their curated cafe match. I realized this was too difficult to implement so the personality quiz was created instead.

- Buzzfeed quizzes sometimes don't use any images at all; but I surprisingly used a plethora of images because I started to quite enjoy adding alt text. I also didn't include much animations in my first Figma designs, but have included them in my final website (confetti, coffee machine). If there is a big theme here, I learned to be patient and not be afraid to try new things even if it seems daunting because somehow things start to become more clear even though it starts off incredibly ambiguous.

My first iteration: a filtering system and not a quiz based system

Part 5

Challenges

Part 5

- What **challenges** did you experience in implementing your website? (2-4 sentences max)

  - I had a plethora of challenges in implementing my website. I'm so incredibly thankful for Venkat for providing such great guidance every week during office hours! I wasn't sure how to direct a user to see their specific cafe match, since they can also get 2 cafes as an answer. I decided to direct them to the cafe listed first on a secondary information page (coffee.html), where they can leisurely browse with their "virtual" cup of coffee. ☕

Part 6 WAVE screenshots

Appendix

Address: https://lukaschen8.github.io/pui-hw/solution

Styles: OFF ● ON

Details

Summary | Details | Reference | Order | Structure | Contrast

☑ ⚠ 1 Alerts
  ☑ 1 X No page regions

☑ ✓ 2 Features
  ☑ 1 X Linked image with alternative text
  ☑ 1 X Language

☑ 3 Structural Elements
  ☑ 1 X Heading level 1
  ☑ 2 X Heading level 2

If an icon does not appear within the page, turn off Styles above to view it.
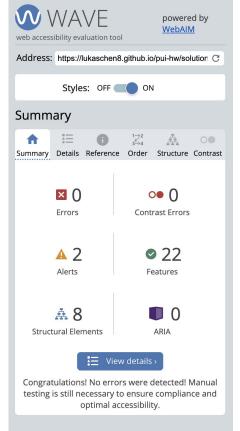

WAVE
web accessibility evaluation tool
powered by WebAIM

Address: https://lukaschen8.github.io/pui-hw/solution

Styles: OFF ● ON

Summary

Summary | Details | Reference | Order | Structure | Contrast

❌ 0 Errors
⦾ 0 Contrast Errors
⚠ 1 Alerts
✓ 2 Features
3 Structural Elements
0 ARIA

View details ›

Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

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Details

Summary | Details | Reference | Order | Structure | Contrast

☑ ⚠ 2 Alerts
  ☑ 1 X No page regions
  ☑ 1 X Plugin

☑ ✓ 22 Features
  ☑ 20 X Alternative text
  ☑ 1 X Linked image with alternative text
  ☑ 1 X Language

☑ 8 Structural Elements
  ☑ 1 X Heading level 1
  ☑ 7 X Heading level 2

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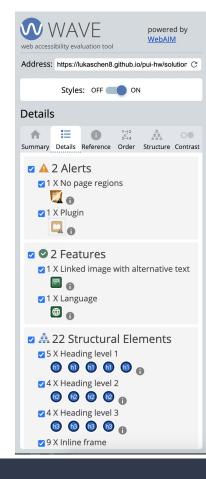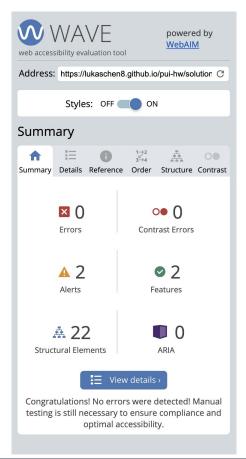1. Homepage Summary and Details

2. Index (quiz) page Summary & details

3. Coffee animation page Summary & Details

Thank you!