

# 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 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 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/scroll 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 `#anchor`
- **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
  - Clicking on any cafe name will direct you to the actual business website

# 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 Yelp reviews are in a `span`. 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.



# 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. 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

This screenshot shows the first iteration of the website's filtering system. It features a logo in the top left corner with the text "COFFEE MATTER CAFE" and "SERVED IN QUALITY". Below the logo, there are two main sections: "Cafe location?" and "Price range?". The "Cafe location?" section has a dropdown menu with "Shadyside" selected. The "Price range?" section has a dropdown menu with "\$\$\$" selected. Below these sections is a "Looking for?" section with a grid of checkboxes for various amenities: Free Wi-fi, Pets Welcome, Outdoor Dining, Street Parking, Contactless Payments, Dairy free milks, Street Parking, and Wheelchair Accessible. All checkboxes are currently unchecked.

This screenshot shows the final iteration of the website, which is a personality quiz. It features the same logo in the top left corner. Below the logo, there is a "Looking for?" section with a grid of checkboxes for various amenities: Free Wi-fi, Pets Welcome, Outdoor Dining, Street Parking, Indoor Seating, Trendy, Contactless Payments, Dairy free milks, Street Parking, Wheelchair Accessible, Many Outlets, and Good for Groups. The checkboxes for "Free Wi-fi", "Dairy free milks", and "Contactless Payments" are checked. At the bottom right of the form, there is a green button labeled "Cool beans".

# 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 the to the cafe listed first on a secondary information page, where they can leisurely browse with their "virtual" cup of coffee. ☕
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# Part 6 WAVE screenshots

Appendix

WAVE powered by WebAIM  
web accessibility evaluation tool

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 powered by WebAIM  
web accessibility evaluation tool

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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Styles: OFF ☐ ON ☒

### 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

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Styles: OFF ☐ ON ☒

### Summary

Summary Details Reference Order Structure Contrast

|                       |                   |
|-----------------------|-------------------|
| 0 Errors              | 0 Contrast Errors |
| 2 Alerts              | 22 Features       |
| 8 Structural Elements | 0 ARIA            |

[View details >](#)

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## 1. Homepage Summary and Details

## 2. Index (quiz) page Summary & details

### 3. Coffee animation page Summary & Details

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Styles: OFF ☐ ON ☒

Details

Summary Details Reference Order Structure Contrast

- 2 Alerts
  - 1 X No page regions
  - 1 X Plugin
- 2 Features
  - 1 X Linked image with alternative text
  - 1 X Language
- 22 Structural Elements
  - 5 X Heading level 1
  - 4 X Heading level 2
  - 4 X Heading level 3
  - 9 X Inline frame

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Styles: OFF ☐ ON ☒

Summary

Summary Details Reference Order Structure Contrast

|                        |                   |
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| 0 Errors               | 0 Contrast Errors |
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[View details >](#)

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# Thank you!