

## **PUI Final Project: Kajal's Cookie Jar Bakery**

### **Responsive design dimensions:**

- 1) 375x667 (mobile)
- 2) 1024x844 (laptop)

#### **(1) Part 1:**

- What is the purpose of your website?
- What information do you convey with your website?
- How is it interesting and engaging?
- Who is the target audience?

I designed a website for my friend's cookie business, Kajal's Cookie Jar (KCJ), which is located in Lagos, Nigeria. Not only is this website an opportunity for me to demonstrate what I've learned in PUI but it's also a way to support a close friend who I admire. KCJ does not currently have a website (only an [Instagram](#) page), so this site will help expand the business's digital footprint. Kajal has plans to implement this website by the end of the year, and once it's live, users can learn basic information about her business, explore the menu, and order some sweet treats.

In regard to general information, which lives across the "Home" and "About" pages, the website shares some history on Kajal's background and KCJ's origins. Additionally, users can read about events that the business is attending and selling products at. On the "Menu" page, users can click through every item on the menu to see its ingredients as well as an actual image of the product. Once users are ready to place an order, they can click "Order Now" to be automatically directed to KCJ's Whatsapp account, which is the business's preferred option for order intake.

The target audience includes both new and existing customers of Kajal's Cookie Jar. New customers who may have heard of Kajal and her business can now easily look her up and learn about the products. Existing customers now have a convenient way to stay up to date with the latest menu, patronize the shop conveniently, and spread the word about the shop by sharing its url.

In order to make the website interesting and engaging, I opted to keep the layout mobile friendly, easy to read with magic scroll, and purchaser-friendly with the embedded Whatsapp link.

#### **(2) Part 2:** Use a bulleted list to describe how a user would interact with your website. For each item in your list, state

- (all pages) Navigation bar:
  - Added a navigation bar to click and navigate to different links within the website
  - Also implemented responsive nav, which changes the nav bar to a hamburger menu
  - You can reproduce this by clicking on the associated nav links or interacting with the hamburger menu on the mobile website
- (homepage) Slider image gallery:

- Preview of products and offerings for the customer
- Click on the right arrow of the first image to see other products (three total)
- (menu) Ordering items:
  - Added a button on the menu page to be directed to the business whatsapp account where you can place the order
  - This is on the order page (Order Now button)
- (menu) Fun Image Based Menu
  - Display images of cookies offered in the menu page to give customers a preview of the experience
  - Click on a menu item to see the cookie image pop up on the left (desktop) or top (mobile)
- (about me page) Keep viewers occupied through dynamic scrolling
  - o Sections on the about me page are semi opaque until you scroll halfway down the following section
  - o This is so that readers are kept focused on the content
  - o Scroll down the page to see this happen
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(3) **Part 3:** Describe what external tool you used (JavaScript library, Web API, animations, or other). Following the bulleted list format below, reply to each of the prompts. (We will stop reading at the 4th sentence, so please be concise)

- Name of tool: Scroll Magic Library
- Why you chose to use it? (2-4 sentences max)
  - I wanted the user to only see content as they continue to scroll down the about me page for added interest.
- How you used it? (2-4 sentences max)
  - I added a script file in the html linking to the online library
  - I added code for the javascript in the animation.js file and also had code in my CSS file
- What does it add to your website? (2-4 sentences max)
  - It adds interest to the about me page and makes the page feel more engaging as viewers are curious to understand what is written on the page.
- Name of tool: Animate.css
- Why you chose to use it? (2-4 sentences max)
  - I wanted to add some fun to the homepage and keep readers engaged to keep scrolling on the desktop version
- How you used it? (2-4 sentences max)
  - I added the library to the product detail page
  - I added corresponding animation styling to the cookie image in CSS

- What does it add to your website? (2-4 sentences max)
    - Adds an element of fun to the landing page to keep viewers interested in the content
- (4) **Part 4:** Describe how you iterated on your prototypes, if at all, including any changes you made to your original design while you were implementing your website. (4-8 sentences max)
- I iterated on the prototype and changed and added some features that I did not create or thing about in my mock ups such as:
    - Added a sliding gallery vs a three panel image since I thought it would work better for responsive design
    - Added a hamburger nav menu which I didnt have before
    - Worked on styling the menu page for mobile design so that the changing image would be sticky at the top of the page
- (5) **Part 5:** What challenges did you experience in implementing your website? (2-4 sentences max)
- I think the challenging components were thinking through how some of the pages might look on mobile since I had a two column page for the menu that I needed to collapse into one.
  - It was also challenging to work through all the nuances of media queries to get the styling right for mobile and desktop design

## Accessibility Screenshots

- 1) Product Detail Landing Page:
  - a) a)Summary

Wave web accessibility evaluation tool

Address: <https://anahita812.github.io/pui-hw/kcj/productdetail.html>

Styles: OFF ☐ ON ☒

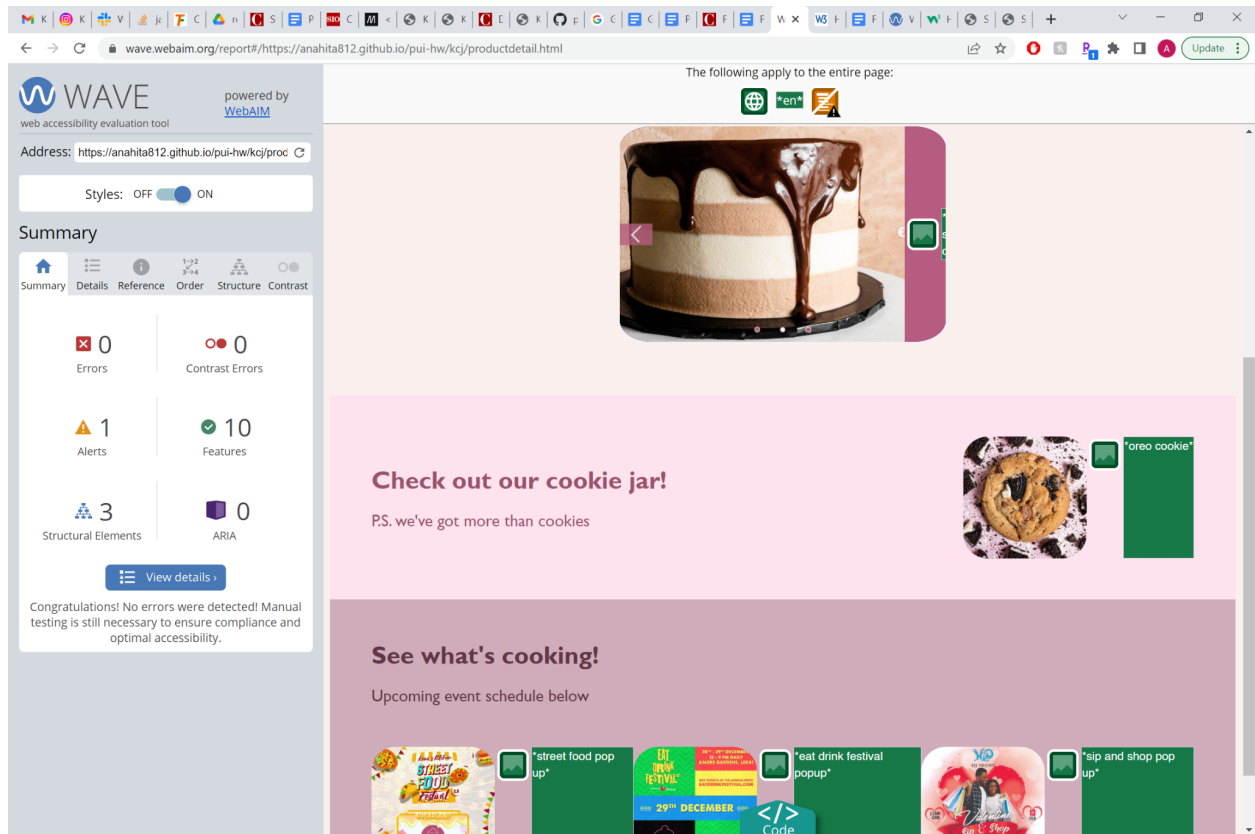
### Summary

0 Errors	0 Contrast Errors
1 Alerts	10 Features
3 Structural Elements	0 ARIA

[View details >](#)

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

The following apply to the entire page:



b) Detail View

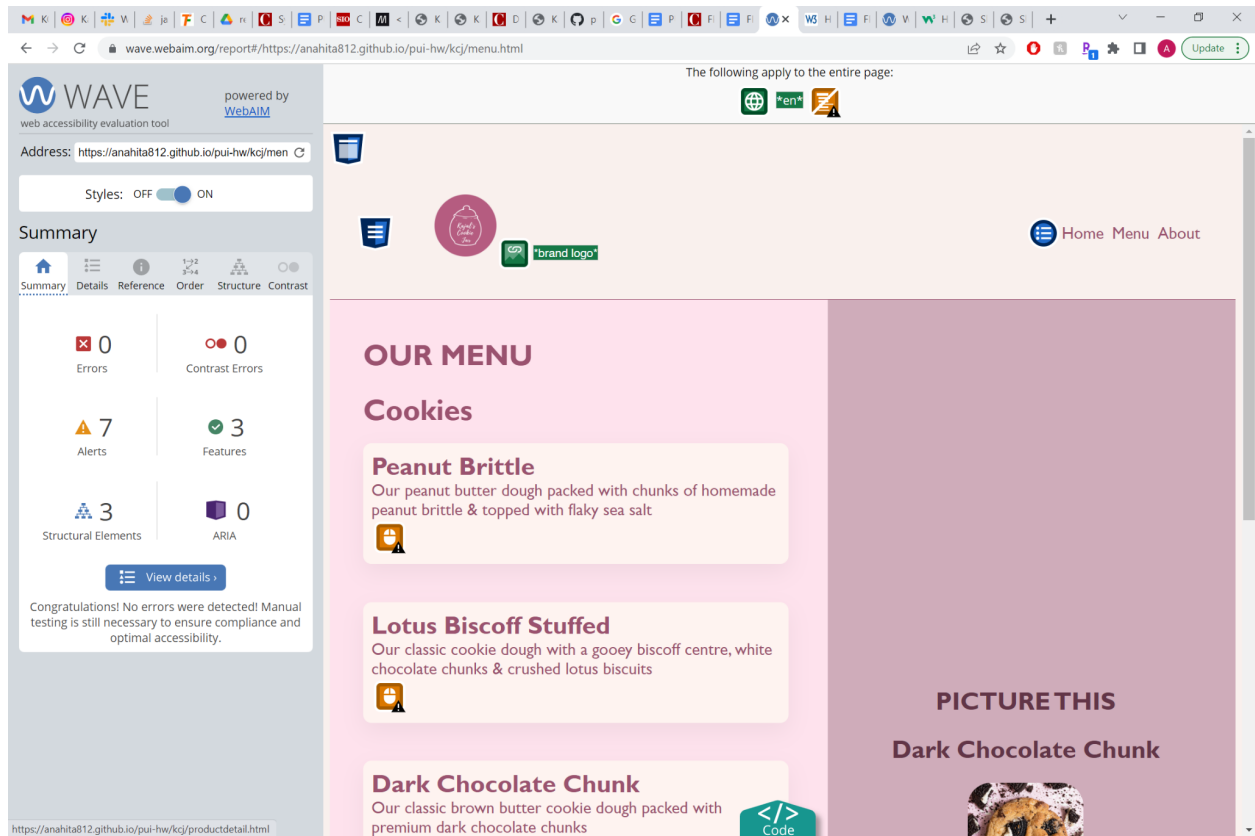
Wave web accessibility evaluation tool interface showing a report for the URL: <https://anahita812.github.io/pui-hw/kcj/productdetail.html>.

The tool displays a list of alerts and features:

- 1 Alerts**
  - 1 X No heading structure
- 10 Features**
  - 8 X Alternative text
  - 1 X Linked image with alternative text
  - 1 X Language
- 3 Structural Elements**
  - 1 X Unordered list
  - 1 X Header
  - 1 X Navigation

The interface also shows a preview of the web page being evaluated, which includes a header with navigation links (Home, Menu, About) and a main content area titled "KAJAL'S COOKIE JAR" featuring an image of a cake.

- 2) Menu Page:
  - a) Summary



b) Detail View

Wave web accessibility evaluation tool interface showing a report for the URL `https://anahita812.github.io/pui-hw/kcj/menu.html`. The tool displays 7 Alerts, 3 Features, and 3 Structural Elements.

**Alerts:**

- 1 X No heading structure
- 6 X Device dependent event handler

**Features:**

- 1 X Alternative text
- 1 X Linked image with alternative text
- 1 X Language

**Structural Elements:**

- 1 X Unordered list
- 1 X Header
- 1 X Navigation

The main content area displays a menu titled "OUR MENU" with the following items:

- Cookies**
- Peanut Brittle**: Our peanut butter dough packed with chunks of homemade peanut brittle & topped with flaky sea salt
- Lotus Biscoff Stuffed**: Our classic cookie dough with a gooey biscoff centre, white chocolate chunks & crushed lotus biscuits
- Dark Chocolate Chunk**: Our classic brown butter cookie dough packed with premium dark chocolate chunks
- White Chocolate Chunk**: Our classic brown butter cookie dough packed with premium white chocolate chunks

A "PICTURE THIS" section features a "Dark Chocolate Chunk" cookie image with the text "oreo cookie" and an "ORDER NOW" button.

- 3) About:
- a) Summary

Wave web accessibility evaluation tool interface showing a report for the URL: <https://anahita812.github.io/pui-hw/kcj/about.html>.

The tool displays a summary of accessibility issues:

- Errors: 0
- Contrast Errors: 0
- Alerts: 1
- Features: 6
- Structural Elements: 3
- ARIA: 0

Buttons for navigation: Summary, Details, Reference, Order, Structure, Contrast. A "View details" button is also present.

The main content area shows the evaluated page, which includes a header with a logo and navigation links (Home, Menu, About). The main section is titled "OUR STORY" and contains a sub-section "How It Started" with a paragraph of text and an image of cookies.

Annotations from the tool are visible on the page, such as "brand logo" and "About us title". A "Code" button is located at the bottom right of the page.

b) Detail View



