

Part 1: In 300 words (only!) describe your website (We will stop reading at 300 words, so please be concise). Include the following: 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?

The idea of the project is to display information on the nutritional values of vegan foods, particularly on whether these vegan foods are healthier compared to their regular counterparts.

I covered 4 different categories of vegan food, displaying the photo, ingredients, and nutritional information of each vegan food as well as those of its regular counterpart. The vegan version and the regular version, side by side.

I made the website interesting and engaging by adding interactions that guide the audience through the journey. There are a lot of opportunities for users to choose what they would like to see: what category of food and what specific food within that category. I used motions to make interactions more interesting. Though they are details as small as hover actions, they do play an important role in creating perceptual affordance, which then results in more engagement.

The target audience is anyone not too familiar with going vegan but interested in learning about it. For people who are considering going vegan, the website might help them make informed decisions. In addition, people who are already vegan might use the website to choose foods that provide nutrients they need in their diet.

Part 2: Use a bulleted list to describe how a user would interact with your website. For each item in your list, state the interaction type you implemented and how we should reproduce it (e.g., click on X on page Y, or scroll on page X, etc.)

- Homepage
 - hover on “Is vegan healthier?” -> text changes to “Yes and No!”
 - hover on “Is vegan healthier?” -> button “explore by products” appears
 - move away from “Yes and No!” -> text changes back to “Is vegan healthier?”
 - hover on button “explore by products” -> button color changes
 - click on button “explore by products” -> switches to Categories page
- Categories page
 - hover on any of the 4 category icons -> icon enlarges
 - click on any of the 4 category icons -> displays food in the category
 - hover on any of the food images -> image enlarges, drop shadow shows up
 - click on any of the food images -> displays information on that vegan food and its regular counterpart
 - hover on any of the food names -> drop shadow shows up

- click on any of the food names -> displays information on that vegan food and its regular counterpart
 - hover on button “*back to homepage*” -> button color changes
 - click on button “*back to homepage*” -> switches to Categories page
- Specific food page
 - hover on button “*explore more vegan products!*” -> button color changes
 - click on button “*explore more vegan products!*” -> switches to Categories page

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

JQuery library

Why you chose to use it? (2-4 sentences max)

It is relatively easy to set up, intuitive to use, and really makes it easier to animate some elements on the interface. I would have taken a much longer way if I tried to achieve the same effect with JavaScript and CSS alone.

How you used it? (2-4 sentences max)

The hover effect on my homepage is more complicated compared to other hover effects I have. I used the mouseover and mouseout effects for switching back and forth between the question and answer.

Not sure if JavaScript was involved here but I also used pre-written codes for cycling through the background images of my homepage.

What does it add to your website? (2-4 sentences max)

This interaction is very noticeable considering the element is centered on the pages and the change of its status is drastic. It makes the website more engaging for users as well as highlights the prompt of whether a vegan diet is healthier, and creates curiosity that leads users to explore the topic.

Part 4: Describe how you iterated on your prototypes, including any changes you made to your original design while you were implementing your website. (4-8 sentences max)

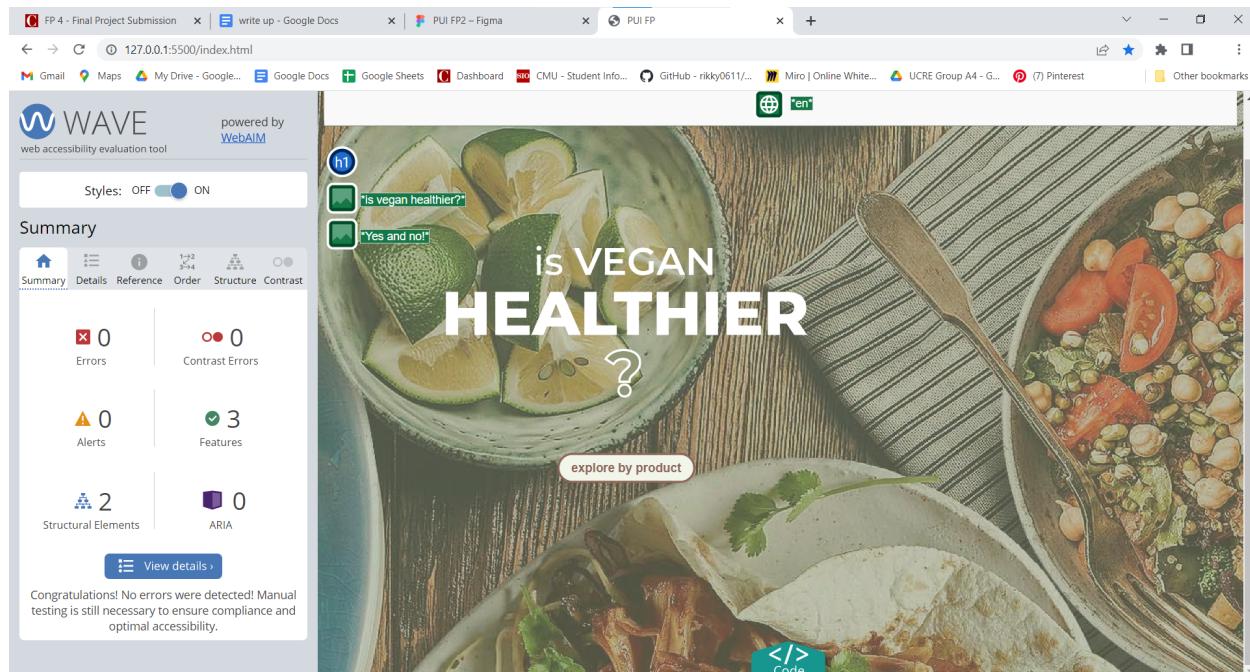
- I eliminated pages that are unnecessary: the page featuring vegan food only (without comparison with regular food), and the page for final calculation of nutrition difference (I thought the difference was already quite apparent when I put the two sets of data side-by-side).
- I added interactions on the title page and reconsidered the sequence of appearance of elements so as to guide the users better.
- I removed the icons from the title page and saved them for the categories pages so that my homepage is not too crowded.
- I added more buttons to link the pages together, so there is more flexibility for users.

Part 5: What challenges did you experience in implementing your website? (2-4 sentences max)

It was my first time programming a website, so I wasn't too familiar with what was easily possible to program and what was more difficult. I had to change some of my prototype ideas when they were exceeding my skill sets by too much. I spent the most time getting the interactive elements to work right.

For the responsiveness requirement, my interface can be checked on computers, tabloids, and phones.

WAVE checking



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127.0.0.1:5500/index.html

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Styles: OFF ON

Details

Summary Details Reference Order Structure Contrast

3 Features

- 2 X Alternative text
- 1 X Language

2 Structural Elements

- 1 X Heading level 1
- 1 X Main content

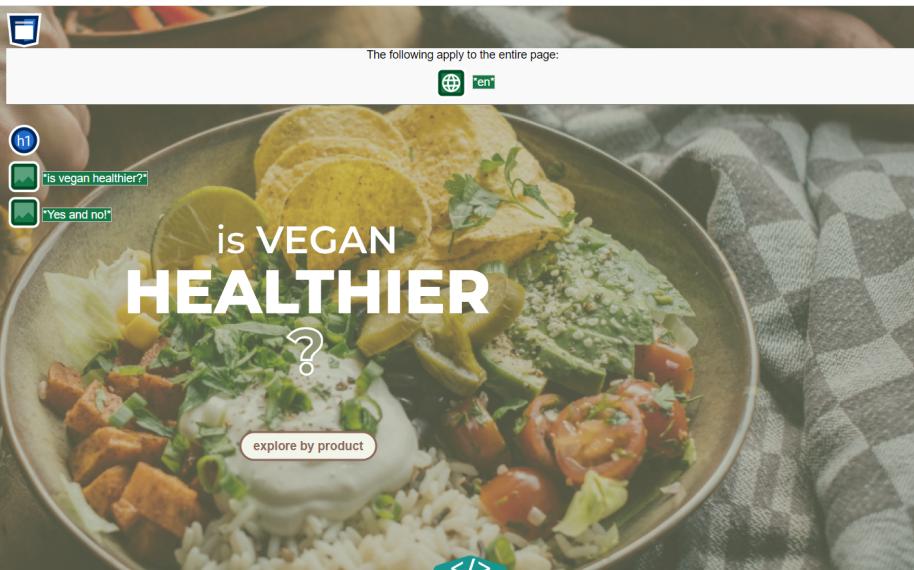
The following apply to the entire page:

en

is VEGAN
HEALTHIER

explore by product

Code



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127.0.0.1:5500/categories.html

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Styles: OFF ON

Summary

Summary Details Reference Order Structure Contrast

0 Errors 0 Contrast Errors

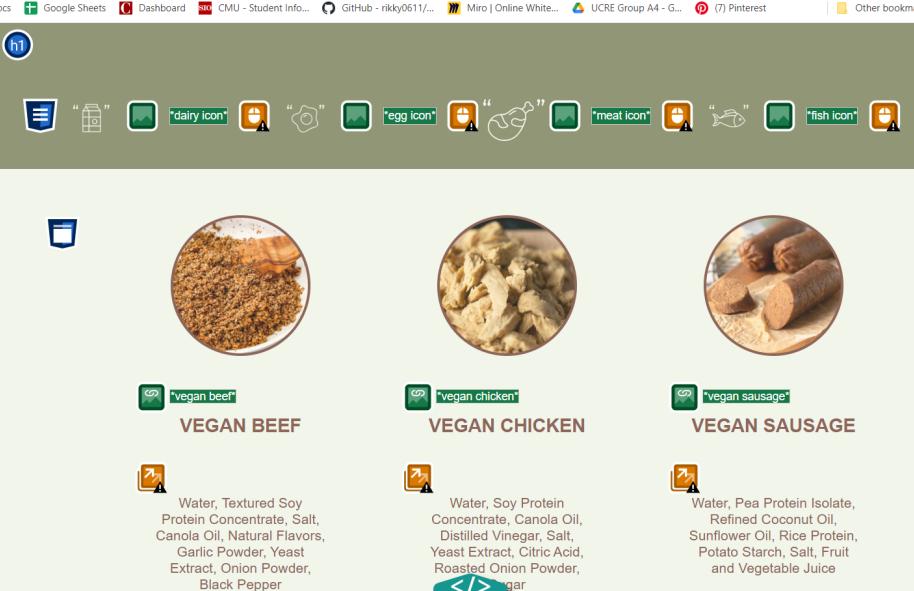
20 Alerts 22 Features

8 Structural Elements

View details >

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

"dairy icon" "egg icon" "meat icon" "fish icon"



"vegan beef" VEGAN BEEF

"vegan chicken" VEGAN CHICKEN

"vegan sausage" VEGAN SAUSAGE

Water, Textured Soy Protein Concentrate, Salt, Canola Oil, Natural Flavors, Garlic Powder, Yeast Extract, Onion Powder, Black Pepper

Water, Soy Protein Concentrate, Canola Oil, Distilled Vinegar, Salt, Yeast Extract, Citric Acid, Roasted Onion Powder, Water, Pea Protein Isolate, Refined Coconut Oil, Sunflower Oil, Rice Protein, Potato Starch, Salt, Fruit and Vegetable Juice

Code

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Details

Summary **Details** **Reference** **Order** **Structure** **Contrast**

20 Alerts

- 12 X Redundant link
- 8 X Device dependent event handler

22 Features

- 8 X Alternative text
- 12 X Linked image with alternative text

127.0.0.1:5500/compareCards.html?product=sausage

VEGAN BEEF **VEGAN CHICKEN** **VEGAN SAUSAGE**

Water, Textured Soy Protein Concentrate, Salt, Canola Oil, Natural Flavors, Garlic Powder, Yeast Extract, Onion Powder, Black Pepper

Water, Soy Protein Concentrate, Canola Oil, Distilled Vinegar, Salt, Yeast Extract, Citric Acid, Roasted Onion Powder, Roasted Onion Powder, Black Pepper

Water, Pea Protein Isolate, Refined Coconut Oil, Sunflower Oil, Rice Protein, Potato Starch, Salt, Fruit and Vegetable Juice

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127.0.0.1:5500/compareCards.html?product=shrimp

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The following apply to the entire page:

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Styles: OFF ON

Summary

Summary **Details** **Reference** **Order** **Structure** **Contrast**

0 Errors 0 Contrast Errors

1 Alerts 4 Features

3 Structural Elements 0 ARIA

View details >

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

go to products page

VEGAN SHRIMP

Water, Modified Starch, Sunflower Oil, Glucomannan, Pea Extract, Sea Salt, Seaweed Extract, Brown Sugar

NUTRITION per 100g

Calories	122	Vitamin A	0%
Fat	6g	Vitamin D	0%
Carbs	15g	Calcium	4%
Protein	1.5g	Iron	4%
		Potassium	0%

SHRIMP

Shrimp

NUTRITION per 100g

Calories	71	Vitamin A	0%
Fat	1g	Vitamin D	0%
Carbs	1g	Calcium	4%
Protein	16g	Iron	4%
		Potassium	4%

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← → ⌘ 127.0.0.1:5500/compareCards.html?product=shrimp

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The following apply to the entire page:

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WAVE web accessibility evaluation tool

Styles: OFF ON

Details

Summary Details Reference Order Structure Contrast

1 Alerts

1 X Redundant link

4 Features

2 X Alternative text

1 X Linked image with alternative text

1 X Language

3 Structural Elements

1 X Heading level 1

1 X Main content

Go to products page

Vegan Shrimp

VEGAN SHRIMP

Water, Modified Starch, Sunflower Oil, Glucomannan, Pea Extract, Sea Salt, Seaweed Extract, Brown Sugar

NUTRITION per 100g

	Calories	Fat	Carbs	Protein	Vitamin A	Vitamin D	Calcium	Iron	Potassium
Calories	122	6g	15g	1.5g	0%	0%	4%	4%	0%
Fat	6g								
Carbs		15g							
Protein			15g	1.5g					

Shrimp

NUTRITION per 100g

	Calories	Fat	Carbs	Protein	Vitamin A	Vitamin D	Calcium	Iron	Potassium
Calories	71	1g	1g	16g	0%	0%	4%	4%	4%
Fat	1g								
Carbs		1g							
Protein			16g	1.5g					

</> Code