

## PART 1

The purpose of my website is to understand the user's personality and share their personality with their friends to get to know each other better. My website is consist of three main sections. The first section includes a welcome message and a short description of the website. The second section is about questions that users should answer to know their personality. The last section is the result page which allows users to see their personality and brief explanation about it. The main user interactions are done in the second section. Users can click the options to answer the questions. Also, in the result page, they can share their result page and redo the test through clicking the buttons. My main target users are MHCI '23. Before starting our capstone project, I want to help other MHCIs to check their own working style and share their personality with other cohorts to help their understandings.

## PART 2

- Interaction Type: Click

1. In the welcome page, when users click the button called "START TO TEST", they can land on the question page.
2. In the question page, there are two options to click per question. When users can click one of them, the system will save their responds and they can go to the next question. In the end of the question (Q12), when they click the option, they can land on the loading page.
3. In the loading page, users can click the "SHOW MY RESULT" button. It will lead them to the result page.
4. In the result page, users can copy the URL through "COPY TO SHARE" button. It copies the URL of their result page in the clipboard.
5. In the result page, users can redo the test through "REDO THE TEST" button. It will lead users to the welcome page.

## PART 3

- Name of Tool? I used jQuery.
- Why you chose to use it? I thought it makes it much easier to code in JavaScript.  
For example, I don't need to select the elements which is the most cumbersome part in the JS.
- How you used it? First, I linked the jQuery link in the web. And whenever I needed to use them, use '\$' to select the elements.
- What does it add to you website? I used jQuery for almost every area in the JS file.  
For example, I used jQuery to change the result page content based on the user input. When user's test result comes out A, it change all the content including the image and text into A's description.

## PART 4

I iterated my website design more than 3 times. At first, I prepared two design types — (1) more colorful design to make users feel fun and enjoyable (2) simple design with black and white colors — for parallel prototypes. Based on the user testing, I selected the simple design and iterated it again. I mixed both design. I adopted the basic structure of the selected design, but I added multiple circle images with diverse colors. However, after starting to code, I felt it's too hard to display multiple circle image in the right positions. So, I iterate it again. I changed the entire image of the welcome page into one static image.

## PART 5

The most challenging thing while implementing my webpage is to change the URL based on the result. I wanted to make it possible to share the result page's URL so it needed to change the parameter depending on the result. Also, it was really hard to distinguish whether users inflow by testing or by entering the direct URL.

**Screenshots of the Summary, Details, Structure section in WAVE tool**

**Summary**

Summary Details Reference Structure Contrast

0 Errors

0 Contrast Errors

2 Alerts

10 Features

13 Structural Elements

28 ARIA

[View details >](#)

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

**Details**

Summary Details Reference Structure Contrast

☒ 2 Alerts

- ☒ 1 X No page regions
- ☒ 1 X Possible heading

☒ 10 Features

- ☒ 9 X Alternative text
- ☒ 1 X Language

☒ 13 Structural Elements

- ☒ 1 X Heading level 1
- ☒ 12 X Heading level 2

☒ 28 ARIA

- ☒ 14 X ARIA
- ☒ 14 X ARIA label

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

**Structure**

Summary Details Reference Structure Contrast

h1 WHAT KIND OF VEGETABLE ARE YOU?

h2 Q1

h2 Q2

h2 Q3

h2 Q4

h2 Q5

h2 Q6

h2 Q7

h2 Q8

h2 Q9

h2 Q10

h2 Q11

h2 Q12