

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?

I created an online version of the popular book: the Book of Answers to increase the interactivity and enjoyment of participating in this game. The Book of Answers is a book containing over 300 short answers, and it is perfect for inspiration, enlightenment, as well as entertainment. Users would think of a question in their mind and open the book to find the answer. My goal is to re-create a visually appealing version of it to mimic the mysterious and ethereal vibe the book gives off. This is also my attempt to redesign one of the existing attempts to digitize this game/book.

(Example: <https://www.myanswersbook.com/>)

With my website, I include the basic feature of the tool (finding answers), detailed instruction of using this tool, as well as engaging interactions. The project is interesting and engaging because not only do I include more related information about this tool, but I also utilize appealing visuals, color scheme, and interactive elements to engage users in the experience. The target audience can be everyone who has questions in their mind and want some psychological hints or comfort, or people who are interested in topics such as horoscopes and tarot reading.

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
- how we should reproduce it (e.g., click on X on page Y, or scroll on page X, etc.)

Homepage

- Move cursor to change the background gradient color
- Move cursor to see how the quill changes (mimic moving in the wind)
- Click on “Disclaimer” to see references
- Click on the help icon to learn how to use the Book of Answers
- Scroll down to see all the information and instruction on the page

Help page

- Move cursor to change the background gradient color
- Move cursor to see how the quill changes (mimic moving in the wind)
- Read through detailed instructions of how to use the website
- Enter by clicking on the help icon in the upper left corner
- Click on the back button to exit/go back to home page

Disclaimer page

- Move cursor to change the background gradient color
- Move cursor to see how the quill changes
- Enter by clicking on the “Disclaimer” icon in the upper left corner
- Click on the back button to exit/go back to home page

Answer page

- Move cursor to change background gradient color
- Move cursor to see how the quill changes
- Read through the answer received
- Click on “Ask other” to go back to the home page/ask a different question

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: p5.js, and the book dataset
- Why you chose to use it?
 - P5.js is an interesting tool that has a relatively low learning curve and a lot of cool visual effects. After researching p5.js, I found it a perfect match for increasing interactivity for an existing website that only includes basic functions.
- How you used it? (2-4 sentences max)
 - I used it to create the customized cursor and the corresponding effects when the cursor moves. I also used it to add gradient effects to the background.
- What does it add to your website? (2-4 sentences max)
 - It adds a lot of interactivity to the website and improves the visuals of the website. It also helps the whole experience become more immersive and fun.

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)

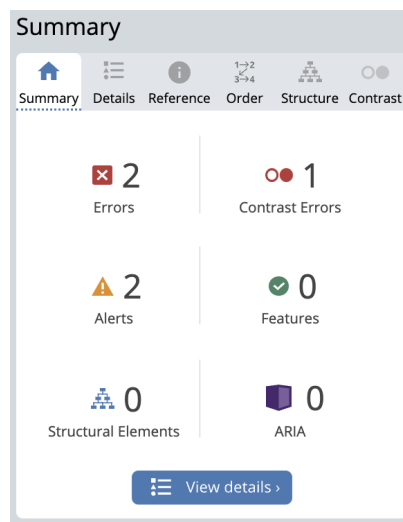
My initial idea is to create only two pages: home page and the answer page, and add some effects to them. During implementation, I decided to create a night sky background and gradient change when the cursor moves, as well as a customized cursor. I initially plan to provide users the option to download the answer image after the answer is displayed. However, I encountered difficulties using the javascript canvas elements when trying to add text onto an existing image and make the resulting image downloadable. I also included audio in the previous iterations, but the feature does not work in the current version. I was also ambitious about including a rotating horoscope in the background, but when I attempted to implement it, it messed up with every other feature. I keep those codes in comment and images in the assets so that I can work on recovering these features in the future.

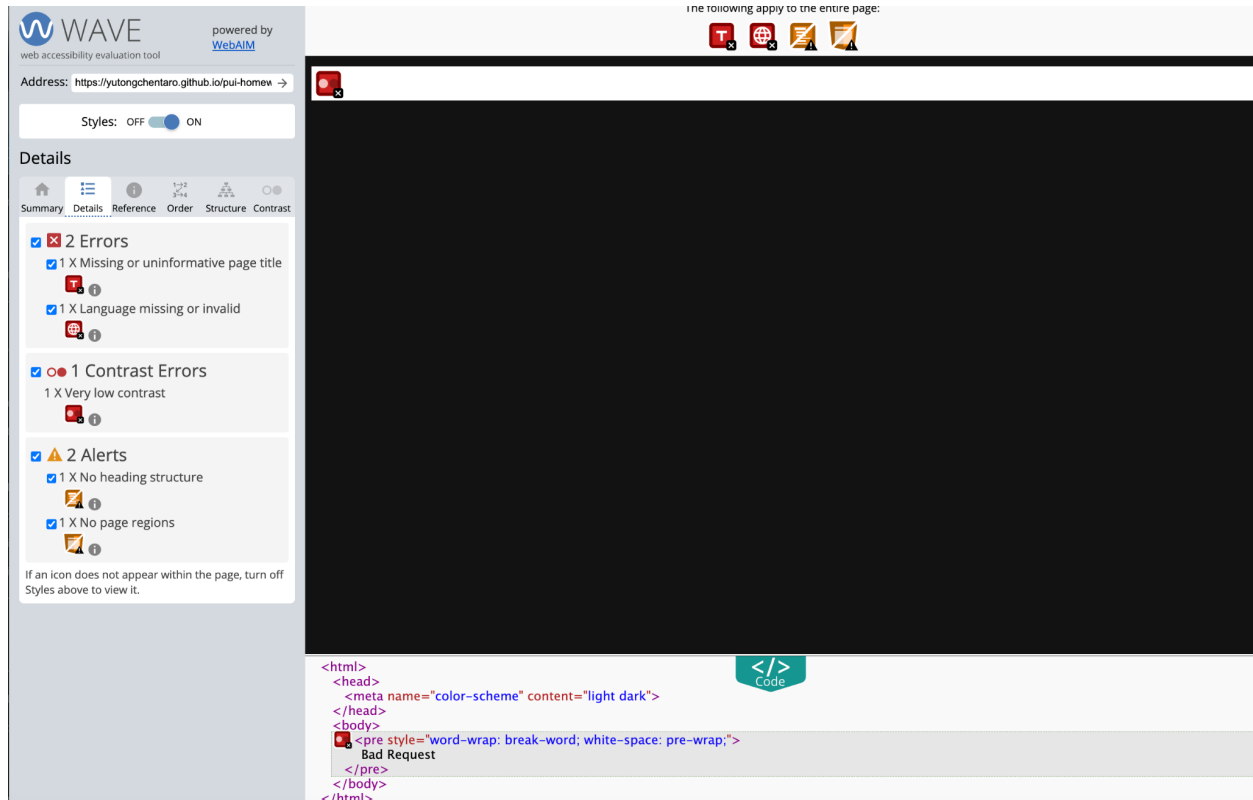
Part 5: What challenges did you experience in implementing your website? (2-4 sentences max)

When implementing my website, I encountered some technical issues such as how to create an image by adding generated answers and pre-existing images, and make the image downloadable. I also had difficulty playing the audio, which worked before, and adding spinning elements in the background without interrupting the existing structure. Unfortunately, due to the time restriction, I ended up deleting these functions.

***Responsive:** 300px - 1400px

***WAVE tool:**





The wave tool has some errors identifying and recognizing my website. For the two errors it claims, I have informative page titles for every html page, and include the `<html lang="en">` in every page. Since I can't know which part the tool is referring to for the contrast error, I had trouble fixing this issue. In addition, the codes it shows under the screen are not parts of my original code either.