Procrastination Site Writeup

Part 1:
The procrastination site is an informal website that teaches people how to stop procrastinating by providing an alternative procrastination space that won't be overtly distracting and help users to start doing work. The website uses interactive conversations to identify the different causes behind people's procrastination habits and suggest personalized productivity strategies. The main engaging element of the website is the interactive conversation quiz with the sheep, which has a haunting stare and a smirk. The user can also interact with the sheep by moving their mouse around the sheep, and the sheep will stare at the mouse, pressuring the users to go to work. The target audience is high school and college students who struggle with procrastination and want to find an innovative way to address it.

Part 2:
Index page:
- Yes button: press to go to the working page.
- No button: press to go to question 1 page.

Question pages:
- Yea button: change the value of the corresponding cause element in local storage to true, go to the next question
- I don't think so button: change the value of the corresponding cause element in local storage go to false, go to the next question

Result page:
- Cause element boxes: will be highlighted based on the value of the corresponding cause element in local storage. If true then highlighted.
- What should I do button: click on it to go to the next page.

Information page:
- Strategy boxes: will be shown based on the value of the corresponding cause element in local storage. If true then the corresponding strategy box will show.
- Learn more: click on the links to go to more websites about procrastination.

Part 3:
The first tool I used was anime.js. I chose to use it because it is a powerful animation library, and it has descriptive and detailed documentation. I want my sheep to have a breathing effect, and the loop animation parameter is perfect for it. At first, I implemented it for the sheep, but the effect was not

what I expected. I then realized that the effect works better on the text, so I used it to animate the causes of procrastination on the result page. The effect made causes stand out more to the users and added more dynamics to the interaction.

The second tool I used is p5.js. I chose to use it because it creates a canvas and has more freedom for creating different elements and making stop-frame animations. One main effect I wanted to do was to make the sheep's eyes follow the user's mouse, and the various p5.js examples available online helped me make it happen. I also used p5.js to make a stop-frame animation for the sheep so its ears, tails, and eyes could move. The library and its functions definitely added more fun to my website, and the eye-following mouse function is the main feature of the "working" page.
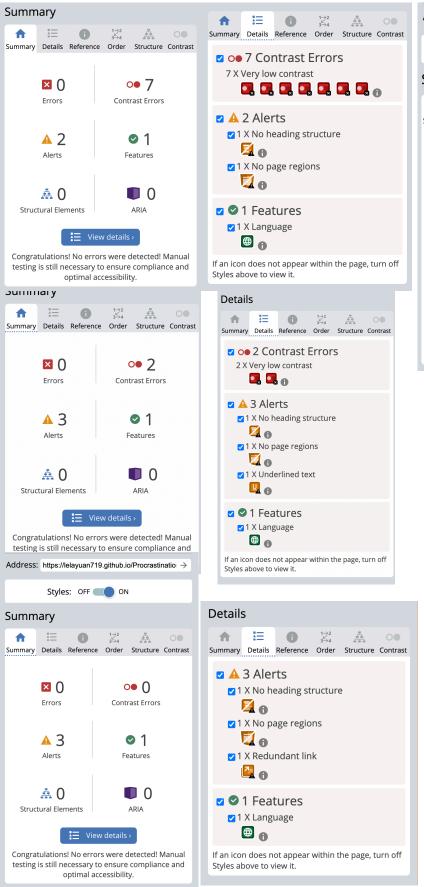
Part 4:
I went through numerous iterations for my design. With the same main structure of the "working" option and the "procrastinating" option, I came up with different designs to tailor the content to users' needs. For the "working" option, I went from creating a sheep generator that makes the screen crowded with sheep to add a button that will make a "baaa" sound. But when I was implementing them, they turned out to be either too difficult or too distracting for the users. In the end, I settled with the eye-following mouse function for the "working" option, which is fun enough to keep users entertained but not too fun that they will spend much time on it. For the "procrastination" option, despite the initial standard formatted quiz, I added a progress bar based on user feedback on the previous prototypes. When making the strategy suggestion page, I realized that instead of showing the unfiltered information all at once, I could utilize the local storage and show the most relevant strategy based on the answer of the quiz.

Part 5:
The main challenge I experienced was the animation. I wanted to use two different JavaScript libraries to animate the same object but failed to integrate it successfully. I ended up breaking the animation effect down into two parts and implementing them on separate pages.

Screenshots for Wave

Summary

Summary | Details | Reference | Order | Structure | Contrast

0 Errors
7 Contrast Errors
2 Alerts
1 Features
0 Structural Elements
0 ARIA

View details ›

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

Details

Summary | Details | Reference | Order | Structure | Contrast

☑ **7 Contrast Errors**
7 X Very low contrast

☑ **2 Alerts**
☑ 1 X No heading structure
☑ 1 X No page regions

☑ **1 Features**
☑ 1 X Language

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

Address: https://lelayuan719.github.io/Procrastinatio →
Styles: OFF ◉ ON

Summary

Summary | Details | Reference | Order | Structure | Contrast

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

View details ›

Summary

Summary | Details | Reference | Order | Structure | Contrast

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

View details ›

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

Address: https://lelayuan719.github.io/Procrastinatio →
Styles: OFF ◉ ON

Details

Summary | Details | Reference | Order | Structure | Contrast

☑ **2 Contrast Errors**
2 X Very low contrast

☑ **3 Alerts**
☑ 1 X No heading structure
☑ 1 X No page regions
☑ 1 X Underlined text

☑ **1 Features**
☑ 1 X Language

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

Address: https://lelayuan719.github.io/Procrastinatio →
Styles: OFF ◉ ON

Details

Summary | Details | Reference | Order | Structure | Contrast

☐ **1 Contrast Errors**
☐ **3 Alerts**
☐ **1 Features**

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

Summary

Summary | Details | Reference | Order | Structure | Contrast

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

View details ›

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

Details

Summary | Details | Reference | Order | Structure | Contrast

☑ **3 Alerts**
☑ 1 X No heading structure
☑ 1 X No page regions
☑ 1 X Redundant link

☑ **1 Features**
☑ 1 X Language

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

Addressing contrast error:
I think Wave accessed the contrast incorrectly. The text is on the button and the contrast between the text color and the button background color is very high.
I only include one screenshot for the question page because they all produce the same result.