

Fall Complete Portfolio Documentation 2022

**Make sure to scroll to the end to see the rubric.

Your name: Jenny Do

Link to your deployed site: https://jenn1753.github.io/final_project/

Link to your Github repository: https://github.com/jenn1753/final_project

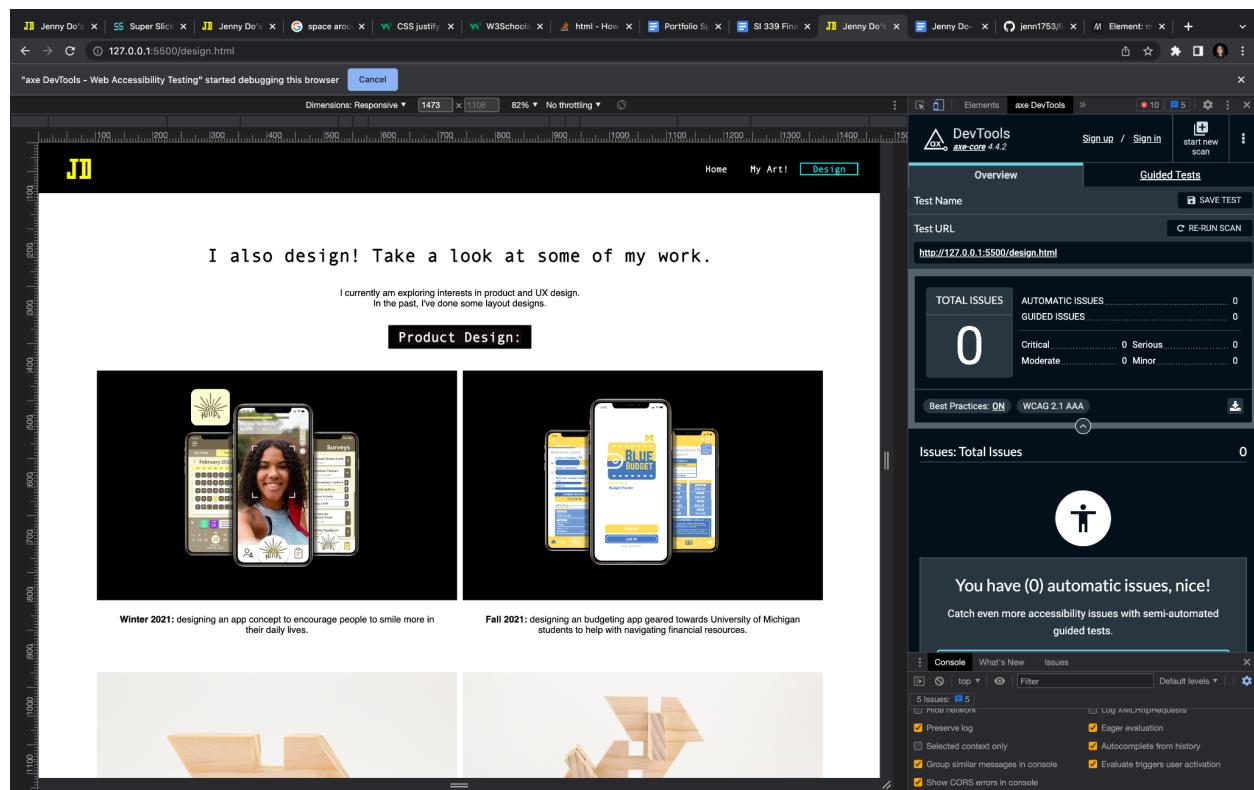
- 1) How do you indicate the current page WITHIN the links in the navigation? (Make sure you are not using just color)
 - a) The current page is indicated through both the aqua color of the text of the tab as well as by a solid aqua border around the selected tab name.
- 2) Is "Skip to Content" available on every page - It should be hidden on the page load and appear on the first tab.
 - a) Yes.
- 3) Which elements use grid and which pages are these elements on? How did you use grid differently from the homework? Why did you use the number of columns/rows? Did you use Inspect Element to check that removing **display: grid** changes the page? (Include screenshot if desired.)
 - a) The 'My Art!' page uses grid to lay out all of the images of my artwork. Each grid item in my medium and largest views differed depending on the verticality or horizontality of the artwork for optimal viewing. My medium sized screen has the horizontal artworks displayed with almost full width from left to right where vertical pieces were displayed in columns of two to optimize the viewing space. In this medium view, I used a two column grid where each vertical image would take up one column and one row but a horizontal image will take up two columns and one row. The largest screen size has images, regardless of vertical or horizontal nature, arranged in a way where the overall artwork section would be as perfectly rectangular as possible. I created different grids for each section due to the varied number of artworks. For instance, the pen & ink section had vertical artworks spanning 1 column and 2 rows where the horizontal column spanned 1 row and 1 column for a more compact arrangement. The smallest screen had a simple vertical one column grid to maximize screen width for viewing the artwork. I did use Inspect Element as I worked on my grid.
- 4) Which elements use flex and which pages are these elements on? How did you use flex differently from the homework? Which different supporting properties did you use, e.g flex-direction, flex-wrap, justify, align? Did you use Inspect Element to check that removing **display: flex** changes the page? (Include screenshot if desired.)
 - a) The 'Design' page uses flex to lay out images and pdfs of my designs. I used flex to optimize image verticality and horizontality as well as the horizontality of a

wider screen size. I would use flex-direction depending on screen size. This would mean setting this property to column for the smallest view so that images can be stacked on top of each other to optimize width of the viewing screen. I would set this property to row as well as flex-wrap when I would like to set images in more than one column to maximize viewing screen like that of the medium and largest viewing sizes. I would use justify-align to center all of the images in my gallery along the y axis for a clean layout. I did use Inspect Element as I worked on my flexboxes.

- 5) What did you do to make your pages particularly visually appealing? How did you come up with your color scheme? Tell us more about your font choices, image editing, etc. I am sure there are things that you did that we can't easily see.
 - a) I chose to have a soft gradient for the home page to make the interactive draggable circles pop as well as to have the white image borders of the home page pop. I thought the purple to pink gradient would complement the yellow and aqua well. I wanted to imitate the look of a photo album so I played around with the box-shadow property to make the image feel more physical, especially with the smaller viewport where the images flip to reveal a baby photo in the back. I also wanted a retro look, hence the choice to pick Andale Mono as my header texts and a simple main palette of yellow, aqua and black. I thought this went well with the playful interactiveness of the draggable circles. I went further with this with my game-like custom cursor that turns red when it comes across interactive elements of my home page.
- 6) Tell us about your Responsive Design. What is your tablet breakpoint and why did you pick that particular value for your first media query? What is changed in the layout? What is changed in the styling? **How did these changes improve the page?** Were you careful to not duplicate unnecessary code?
 - a) My tablet breakpoints were 850px. My desktop breakpoint was 1200px. In designing mobile-first, I chose the breakpoint based on the noticeable cusp of how unappealing or inefficient the element layouts of the smallest screen view became. My smallest screen size tends to be more vertically oriented where I would use grid or flexbox to create one column of images and elements. This is optimal for viewing on mobile so that everything fits the screen neatly. As the screens grow larger, the layouts either become more horizontally spread out or I would cap the growth of certain elements by switching from flexible units such as % and vw to static units such as px so elements don't grow overwhelmingly big as the screen size grows. This would prevent the items from exceeding the size of the screen as well as allow viewers to avoid eye strain if the content and elements do not take up the entire width of an extremely wide screen. Items would be more centered on the smallest view and grow to utilize more of the horizontal space, as seen in the nav bar. I would make margins bigger so items become smaller and more centered, as in the case with the home page. Using

this instance as an example, I would only change the margin values in my new screen size code as opposed to rewriting code for the entire selector.

- 7) Tell us about your Responsive Design. What is your desktop breakpoint and why did you pick that particular value for your first media query? What is changed in the layout? What is changed in the styling? **How did these changes improve the page?** Were you careful to not duplicate unnecessary code?
 - a) See above.
- 8) Include a screenshot of **all** pages validating on aXe and Wave. Make sure that we can see the URL in the screenshot.



Jenny Do's | Super Slick | Jenny Do's | space arcou | CSS justify | W3Schools | Html - How | Portfolio S | St 339 Fins | Jenny Do's | jenn1753 | Element: m | +

127.0.0.1:5500/my_art.html

Dimensions: Responsive 1473 x 1163 82% No throttling

Home My Art Design

Take a look at some art pieces I've made!

I primarily do pen & ink drawings but I do enjoy oil pastels and charcoal.

Charcoal:

Pen & Ink:

axe DevTools axe-core 4.4.2

Overview Guided Tests

Test Name SAVE TEST

Test URL RE-RUN SCAN

http://127.0.0.1:5500/my_art.html

TOTAL ISSUES AUTOMATIC ISSUES 0
GUIDED ISSUES 0
Critical 0 Serious 0
Moderate 0 Minor 0

Best Practices ON WCAG 2.1 AAA

Issues: Total Issues 0

You have (0) automatic issues, nice!
Catch even more accessibility issues with semi-automated guided tests.

TRY FOR FREE

Console What's New Issues

1 Issue 1

more network Log AXEChromiumLogs
Preserve log Eager evaluation
Selected context only Autocomplete from history
Group similar messages in console Evaluate triggers user activation
Show CORS errors in console

Jenny Do's | Super Slick | Jenny Do's | space arcou | CSS justify | W3Schools | Html - How | Portfolio S | St 339 Fins | Jenny Do's | jenn1753 | Element: m | +

127.0.0.1:5500/index.html

Dimensions: Responsive 1473 x 1163 82% No throttling

Home My Art Design

JI

Drag me

Drag me

Drag me

Reset Position

Hello and welcome!

My name is Jenny, a sophomore at the University of Michigan.

axe DevTools axe-core 4.4.2

Overview Guided Tests

Test Name SAVE TEST

Test URL RE-RUN SCAN

http://127.0.0.1:5500/index.html

TOTAL ISSUES AUTOMATIC ISSUES 2
GUIDED ISSUES 0
Needs Review 6
Best Practice... 1
Critical 0 Serious 0
Moderate 1 Minor 0

Best Practices ON WCAG 2.1 AAA

Issues: Total Issues 7

Elements must have sufficient color contrast 6

Related Node

```
<body id="home">
```

Found: Automatically Impact unknown cat.color wcag2aa
wcag143 Found on: 12/6/2022 at 11:36 PM

Console What's New Issues

1 Issue 1

more network Log AXEChromiumLogs
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Jenny Do's | Super Slick! | Jenny Do's | space around | Portfolio | CSS justify | W3Schools | html - How | St 339 Final | Jenny Do's | jenn1753 | Element: m | +

[127.0.0.1:5500/design.html](https://wave.webaim.org/report/r/127.0.0.1:5500/design.html)

WAVE
web accessibility evaluation tool
powered by WebAIM

Styles: OFF ON

Summary

Errors: 0 Contrast Errors: 0
Alerts: 0 Features: 14
Structural Elements: 10 ARIA: 0

View details

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

I also design! Take a look at some of my work.

I currently am exploring interests in product and UX design. In the past, I've done some layout designs.

Product Design:

Display of app concept called Haps

Code Display of app concept called BlueBudget*

Jenny Do's | Super Slick! | Jenny Do's | space around | Portfolio | CSS justify | W3Schools | html - How | St 339 Final | Jenny Do's | jenn1753 | Element: m | +

[127.0.0.1:5500/m_y_art.html](https://wave.webaim.org/report/r/127.0.0.1:5500/m_y_art.html)

WAVE
web accessibility evaluation tool
powered by WebAIM

Styles: OFF ON

Summary

Errors: 0 Contrast Errors: 0
Alerts: 0 Features: 14
Structural Elements: 9 ARIA: 0

View details

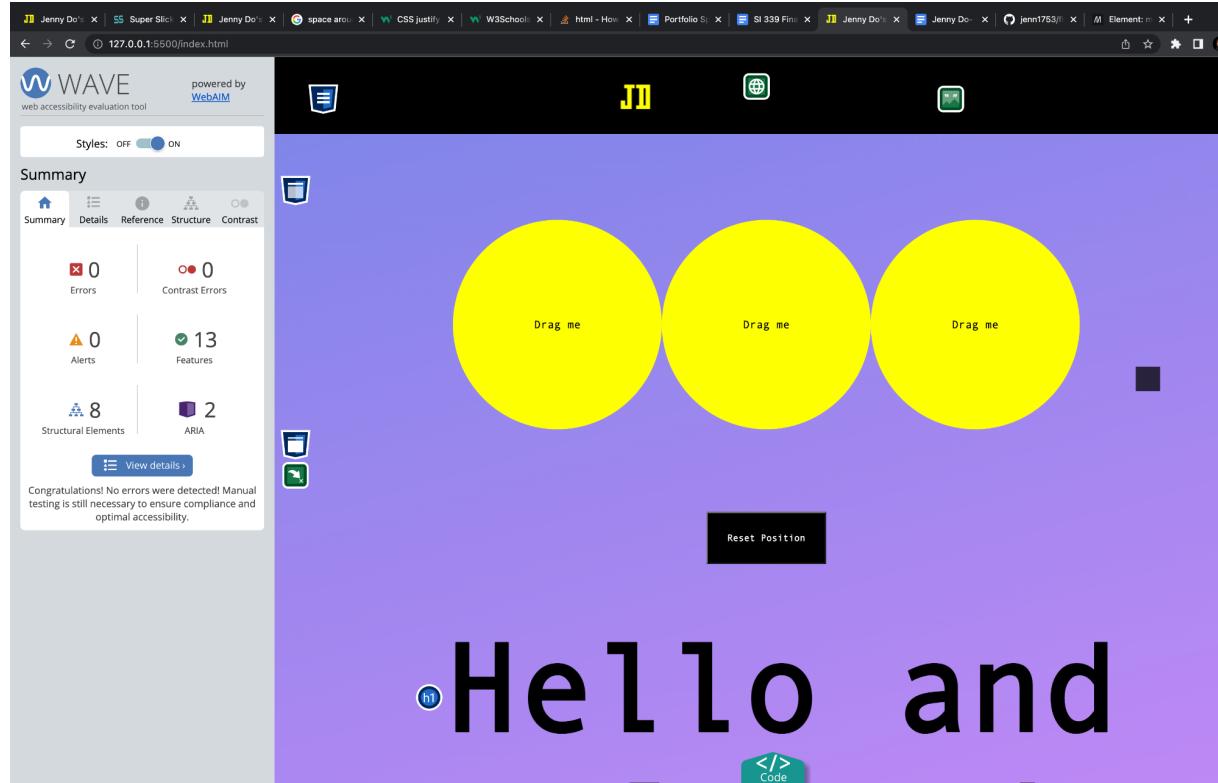
Congratulations! No errors were detected! Manual testing is still necessary to ensure compliance and optimal accessibility.

Take a look at some art pieces I've made!

I primarily do pen & ink drawings but I do enjoy oil pastels and charcoal.

Charcoal:

</> Code



- 9) What **extra** steps you took to ensure that your site addresses accessibility, diversity and inclusion. Tell us about your pictures, topic, or additional manual testing.
 - a) I ensured that my 'Skip to Main Content' button was active on every page and that every single interactive element was tabable. I made it so that when a user prefers reduced motion, the interactive bouncing circles disappear entirely. When this option is selected, the flipping images of my home page turn into a layout of the static photos that the initial interactive images were composed of.

- 10) Check your site for other issues. Are you using the html5reset style stylesheet? Did you remember to include the viewport meta tag? Do you have console errors? Did you use proper naming conventions (no uppercase letters or spaces, mnemonic file names, etc.)
 - a) Yes.

- 11) Please write about any “Extras” that you did – what did you do above and beyond the required?
 - a) I created a custom cross cursor that, when hovering over interactive elements, turns red, and, when mousing down, transitions into a square. I also created flippable photo elements (small and medium screen sizes) that initially showcases a photo of me currently and, when hovering or clicked on, flips to reveal a baby photo of me. I also created interactive draggable circles that would fall to the rate of gravity when dragged out of the top portion of the screen. These circles would bounce back forth, accelerating until they reach a certain capped

speed or unless they are thrown using the mouse. The reset position button allows these elements to be put back into their original static state, ready to be interacted with again. I had to do some digging around for the requestAnimationFrame() javascript function that made these active circle elements glide smoothly where they were glitchy and laggy without this function.

Fill in your expected score and we will use it as a starting point. (If you give a lower score than we think you deserve we may raise it. If you give yourself credit for doing something you didn't complete we will make an extra deduction.)

Criteria	Your Expected Score
The navigation must clearly display the current page within the nav element. As you visit each page, point out how the navigation bar changes to clearly indicate which page you are currently viewing. Don't forget, color alone should never be used to signify important information.	5/5
Each page should contain a main section that can be reached using a Jump to Content option with the first tab on the page. Main must be after the navigation. Make sure to check that "Skip To Content" works on EVERY page.	5/5
Grid - used effectively. What elements use grid and which pages are these elements on? How did you use grid differently from the homework?	8/10
Flex - used effectively. What elements use flex and which pages are these elements on? How did you use flex differently from the homework?	8/10
Visually appealing What did you do to make your page particularly appealing? How did you come up with your color scheme? Tell us more about your font choices, image editing, etc. I am sure there are things that you did that we can't easily see.	/20
Tell us about your Responsive Design. What is your tablet breakpoint and why did you pick that particular value for your first media query? What is changed in the layout? What is changed in the styling ? Were you careful to not duplicate unnecessary code?	10/10
Tell us about your Responsive Design. What is your desktop breakpoint and why did you pick that particular value for your second media query? What is changed in the layout? What is changed in the styling ? Were you careful to not duplicate unnecessary code?	8/10
Validation	8/10

Accessibility, diversity and inclusion. Include a summary of the steps you took to ensure that your site addresses accessibility, diversity and inclusion.	9/10
Presentation	7/10
“Extras” – What did you do above and beyond the required?	25/25