

Fall Complete Portfolio Documentation 2022

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

Your name: Oliver Shapton

Link to your deployed site: https://shapoli.github.io/339final_shapton/homepage.html

Link to your Github repository: https://github.com/shapoli/339final_shapton.git

- 1) How do you indicate the current page WITHIN the links in the navigation? (Make sure you are not using just color)
 - a) Instead of using color I indicated the current page within the links in the navigation by underlining the title of the current page. When you hover over a link it is underlined and then when you click on the page it stays underlined until you click on another link to visit.
- 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, the “Skip to Content” is hidden initially and when you tab it comes down on the top left area of the screen. When it’s clicked it takes you to the start of the main content.
- 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) Grid is used on the about me page and the kitchen table page. I used grid on the entire page (for both) so that I could change the orientation and position of the text and images so they worked together and remained cohesive depending on the media query.
 - b) I used grid differently from the homework by using it for the entire structure of my page rather than using it on specific elements or divs. I designed the two pages in a modular sense so that it would be easy to change how the images and text fit depending on the size of the screen. This made it easy to place elements exactly where I wanted them, and reconfigure as I added media queries. For all my pages, the content illustrates the entire process of designing my projects from ideation to construction. I wanted to use grid so I can have sections for each component of my process that would include the associated texts and images.
 - c) Through the 3 media queries I went from 1 column to 3 columns as the size increased. For each component of my design process I found I often had 3 images to go with each section of text. Therefore I designed it for up to 3 columns

so at the final media query, three images could be lined up with text above it, or a combination could be created. Having 1-3 columns allowed for simplicity but also plenty of creativity and dynamic structure.

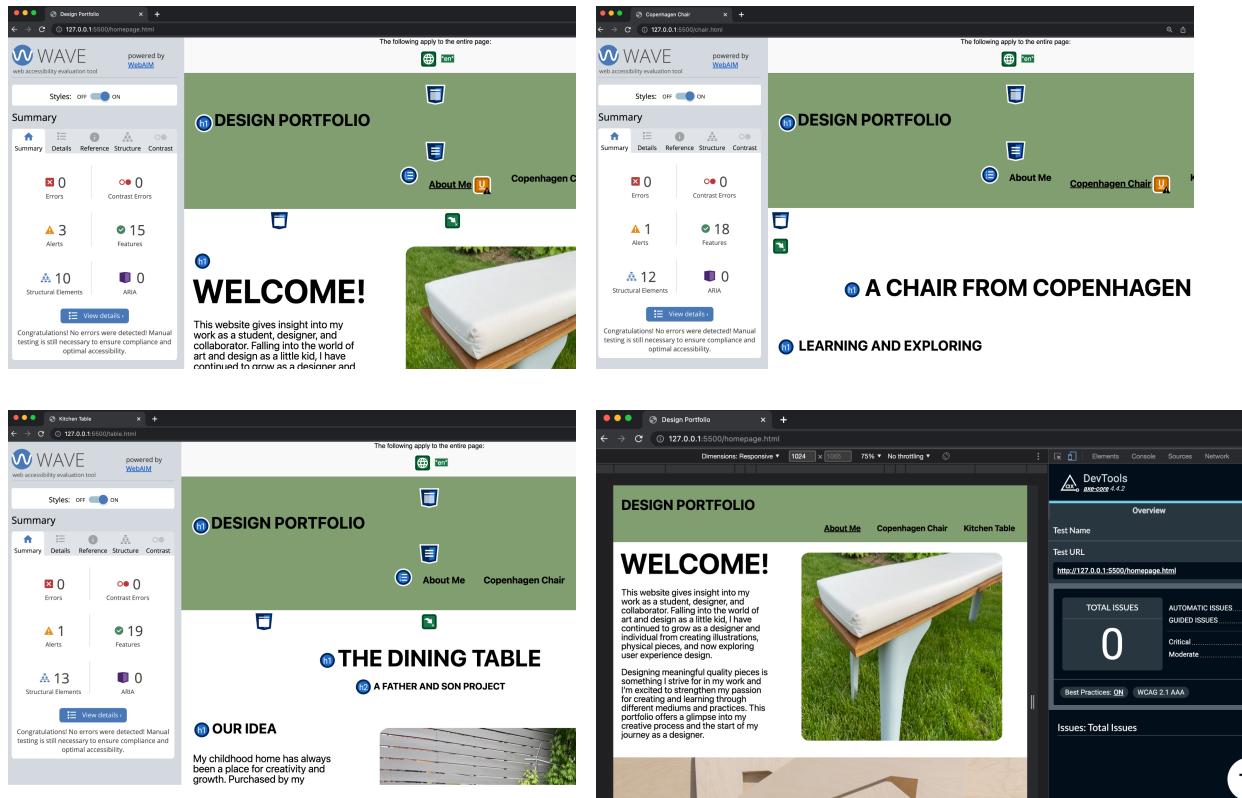
- 4) Which elements use flex and which pages are these elements on? How did you use flex differently from the homework? Which different supporting properties did you use, e.g flex-direction, flex-wrap, justify, align? Did you use Inspect Element to check that removing **display: flex** changes the page? (Include screenshot if desired.)
 - a) The header, navigation, and the entire Copenhagen chair page used flex. For the Copenhagen chair page, similar to the about me and kitchen table page, I decided to use flex on the entire main section so that it would be easy to change the structure while maintaining the flow of the design process from beginning to end.
 - b) I used flex differently from the homework as I used it to create the entire structure of my page while also using it on every div class. I found it difficult to use flex over grid for the pages I was building as I wanted certain text elements to reside with the correct photos and parts of the design process. Due to this I made the entire page use flex so that everything flowed easily and it all followed the proper timeline.
 - c) For the mobile first display I used flex-direction column so that everything would be in one column, making it easy to follow and read. For the tablet media query I used flex-direction column for all the text components and flex-direction row for all the image divs so that they sat next to each other or below if there were too many. I also used flex-wrap: wrap and justify-content: center so that the images sat in the center and didn't extend past the page width. For the max media query I used flex-direction column on all the text divs and flex-direction row on all the image divs. This way the flow was maintained and since the screen size is larger, all the images could sit next to each other in rows of 3. I also used justify-content center on the image divs so that they remained in the center.
- 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 changed the font family to one I liked from google docs called fjalla. I liked this font style as it was modern and simple, blending in with the style of the rest of the website. I changed the sizes of the text depending on if it was a header, paragraph, and depending on where it was on the page. My goal for the project was to create an aesthetic and simple website that wasn't overwhelming but focused on the art being presented rather than the website layout. I wanted the layout to add to the presentation of the designs rather than creating an overly styled page. I looked at a lot of the photos and designs I was putting on my page and noticed most of them had neutral styles and green colors so I used a neutral

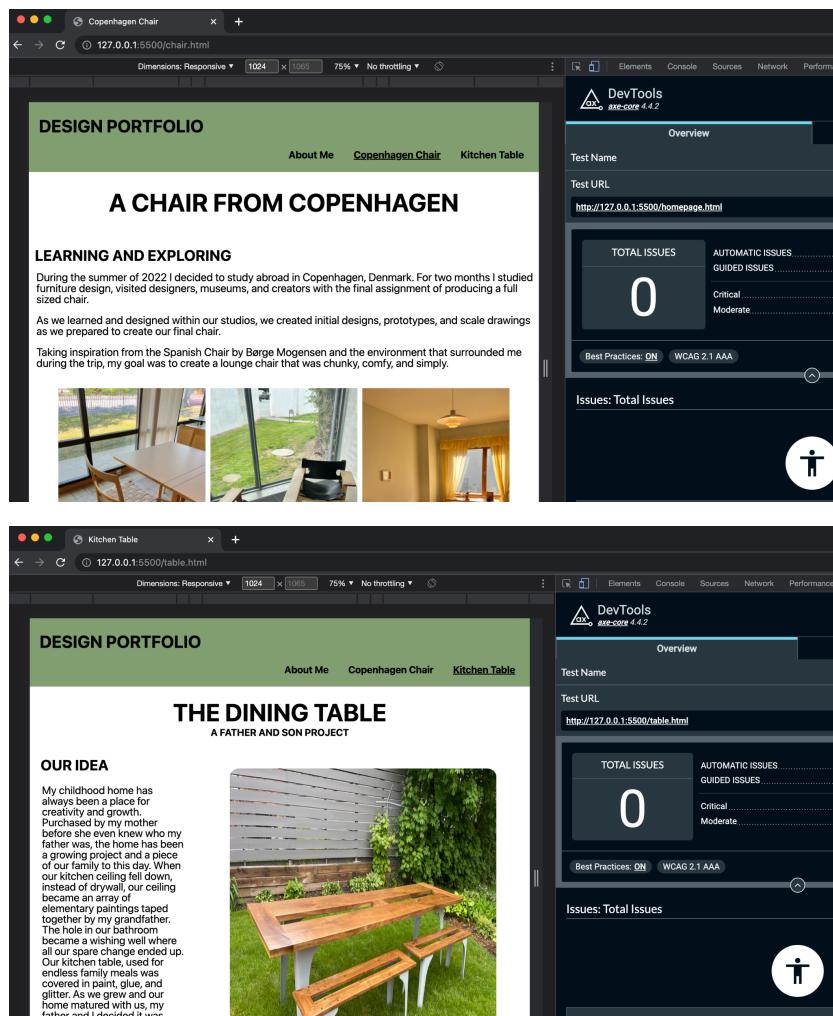
gray green for the header and footer with the rest of the page being white with black text. I didn't want the page to be overwhelming with color. For the images depending on where they sat on the page, I made some of them have rounded edges to give a softer look and add to the dynamic style of the page. For most of the images I made sure there was spacing between each image so it didn't feel crowded.

- 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 breakpoint is 750px, I picked this particular value as it was around the standard tablet breakout point on inspect element when looking at responsive design. The layout went from 1 column to 2 columns for grid, and for flex the image divs went from flex-direction row to flex-direction column. The navigation goes from flex-direction column to flex-direction row. The text size increases for both headers and paragraphs and the beginning photos sit next to the associated text rather than below it. The video at the end of the "about me" page spans both columns with the volume slider and volume display now sitting next to each other. The structure of the Copenhagen chair page remains relatively the same but images now sit in collections of three with two sitting next to each other and the other one resting below forming a triangle. For the kitchen table page the structure is similar to the about me page but several of the images are hidden for this media query such as #inside and #benches to make room for other images and to maintain an uncluttered space. These changes improved the page by taking advantage of the increased space, while maintaining the flow of the design process and the simplicity of the page. Each item still has its specific location on the page.
- 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) My desktop breakpoint is 1000px, I picked this particular value as it was around the standard desktop breakout point on inspect element when looking at responsive design. The layout changes from the tablet breakout point by going from two columns to three for the grid set up for both the about me page and the kitchen table page. The Copenhagen chair page uses flex-direction column on all the text divs and flex-direction row for all the image divs. In the navigation section, the ordered list uses flex direction row but also uses justify content flex end so it sits on the right side of the page while the header sits on the left side. Depending on how many images went with each section of text, I designed it so

that the image either sat next to the text or below it. For example, some sections of text have 3 images, so I made the text span all three columns and then below it in the next row, each image took up 1 column. For the gallery of photos on the “about me” page and “kitchen table” page, each photo takes up 1 column so that it creates a 3 x 2 setup. The video at the bottom of the about me page spans all three columns but only has a width of 60% so it doesn’t fill the entire screen. At 1000px if the video had a width of 100% it is too overwhelming and takes away from other elements of the page. I also increased the text size for all the headers and paragraphs to fit the size of the screen. For the Copenhagen chair page which uses flex, the text for each section goes across the entire page and below it, each group of images fits into one row. For the kitchen table page, several of the images are visible again while others are not displayed such as #flipped. This allowed for the structure and set up to be maintained. These changes improved the page by taking advantage of the increased screen size, while maintaining simplicity and order. Photos are rearranged in the most effective way, and the page still holds resemblance to the other media query breakpoints, maintaining a cohesive theme while adapting to produce the best experience.

- 8) Include a screenshot of **all** pages validating on aXe and Wave. Make sure that we can see the URL in the screenshot.





- 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) To ensure that my site addressed accessibility issues and promoted a diverse and inclusive environment I included alternative text on every single image that I included on my website. I also added alternative text and a caption for my animation video on the “about me” page. I ensured that the page can be maneuvered with the keyboard and tabbing, included a skip to content button to quickly jump to the main content, and implemented focus and active elements in the navigation section. I tried to make the alternative text as straight to the point but also as descriptive as possible. I wanted everybody to access this portfolio and navigate through interesting art and product design projects. Design and the arts should always exist to promote inclusivity and freedom and I wanted my page to invite as many people as possible to explore the realm of art and design

and learn about something new. I tried to make my page as simple and straightforward as possible, removing any clutter and unnecessary content so the page isn't overwhelming or complicated to follow. I still have a lot to learn about accessibility but I created this website with the intention for every person to be able to use it.

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) Are you using the html5reset style stylesheet? - Yes
- b) Did you remember to include the viewport meta tag? - Yes
- c) Do you have console errors? - No
- d) Did you use proper naming conventions - Yes

11) Please write about any "Extras" that you did – what did you do above and beyond the required?

- a) One extra that I included was a rotoscope animation video at the bottom of the "about me" page. This video was an interesting project I created, and I decided to implement this using javascript event listeners. Modifying what we learned in class and what we did in homework, I set up the video so you start and stop it, change the volume, and many more things. I also changed the size of the video and how the elements such as the play and pause button were positioned in each media query using flex.
- b) Another extra that I included was a pop up contact form that also uses javascript. I did some research on w3 schools and found an example to create a pop up form and decided to include one. For a lot of portfolios, artists include a message section to get in contact about specific works and potential work so I thought this would be a great thing to add. Using what I found on w3 schools, I created a fixed form that remained fixed at the bottom of the page as you scrolled down the page. When you click the button "Contact Me" it opens up to a form where you can write your name and a message. I added styling to the button and form and made the background color gray-green so it blends in with the footer when it reaches the bottom of the screen, but also has a lower opacity so when it hovers above other content it isn't as harsh.
- c) Added additional images and content for the Copenhagen chair page and the kitchen table page.

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? | 10/10 |
| Flex - used effectively. What elements use flex and which pages are these elements on? How did you use flex differently from the homework? | 10/10 |
| 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. | 20/20 |
| 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? | 9/10 |
| 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? | 9/10 |
| Validation | 10/10 |
| Accessibility, diversity and inclusion. Include a summary of the steps you took to ensure that your site addresses accessibility, diversity and inclusion. | 10/10 |
| Presentation | 10/10 |
| "Extras" – What did you do above and beyond the required? | 23/25 |