

Project Specifications (125 pts):

About this project....

This portfolio can cover any topic you would like - a personal portfolio about yourself, a business page for someone else, a site for a student group, an homage to pot-belly pigs... The content is up to you.

Struggling with ideas?

- <https://www.generatormix.com/random-website-idea-generator?>
- <https://sharpen.design/>
- <http://www.whatshouldidesign.com/>
- <https://www.briefz.biz/>

However, while the content is up to you and we hope that you can create something you can reuse, it is foremost an assignment to evaluate your ability to complete specific concepts. So the requirements below are **required**.

You may work with a teammate if you would like. This would require at least **four pages** and you must each submit a small write-up describing your specific contributions.

Required content

1. Submit a minimum three page (**four** pages if you're working in a pair) site. ***All of the pages must use a common header, footer, and navigation across all pages.*** The layout of the navigation should not change from page to page.

1. You may not do a single page site for this portfolio

2. The navigation must clearly display the current page ***within the nav element***. (I should be able to tell which page I am on based on the styling of the link to the current page. Don't forget, that color alone should not be used to convey meaning.)
3. 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.

4. At least two pages must have a minimum of nine images. **This is a minimum**. Background images don't count towards the nine images. If you are in doubt, add more.
5. One page with the images must **use grid to change the layout of the page** (simply copying code from previous assignments/discussion sections will only be partial credit). The grid layout must change in each of your three screen sizes using min-width media queries.
6. One page must have **a component that uses flexbox** (simply copying code from previous assignments/discussion sections will only be partial credit). The flex layout must change in each of your three screen sizes using min-width media queries.

Required Minimum Responsive Design:

A requirement is that your site will use mobile-first design. Based on this assumption you must have:

1. Media queries for two additional layouts - tablet, and larger screen.
 - a. **The navigation must differ on all three views in a way that makes the site easier to use.**
 - b. The media queries should also trigger structural changes to all of the pages - the flow of elements must change, elements must hide, and grid/flex properties should be altered.
2. If you are using animation, you must include a prefers-reduced-motion media-query that turns it off.

Accessibility

1. Your documentation must include a demonstration of each page validating on Wave and aXe. If there are errors on the page (including contrast errors) you must include an itemized list of why each error is not an issue, e.g. background image negates color contrast error. ***To repeat, you may NOT have contrast errors on Wave, but aXe is okay.*** (If you really like your colors, use w3 to test making them slightly darker or lighter and/or you can

increase the font size.) ***Make sure to have a colleague check your site as well to ensure that the validators are working.***

Other things we are looking for:

1. Great responsive design. I want to be impressed with at least three different behaviors or layouts.
2. Visually appealing. Nothing is broken, sloppy, or awkward. Tell us how you chose/generated your color palette.
3. The content is complete - no broken links, content is cohesive.
4. Enhanced accessibility.

Submission

You are required to have a small documentation report.

Writeup

Use this template for your final report: [Complete Portfolio Documentation Template](#)

You are submitting the URL to your website via Canvas submission and adding a link to your Google Docs write-up in the submission comments. ***Any changes to the code after the deadline will result in a 10% per day penalty.***