

# 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. 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**. If you are in doubt, add more.
5. One page with the images must have a component that uses grid (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 with the images 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 and present your site in discussion or lecture.

### Writeup

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

### Presentation

Presentations will be about 2-5 minutes in length. Presentations must cover:

1. Demonstrate how your site is responsive, and how your media queries improve the user experience, not just change it.
  - a. Explicitly mention how you used media queries with grid and/or flex. Changing from one to two to three columns will earn some but not all credit.
2. A summary of the steps you took to ensure that your site addresses accessibility, diversity and inclusion. (Refer back to diverse pictures from early discussion work and what you learned from the accessibility audit.)
3. Tell us about anything interesting you implemented.

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.**