Project Specifications:

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**.

Required Minimum content (60pts)

1. Submit a (minimum four page) site. ***All of the pages must use a common header, footer, and navigation across all pages.***
     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. With the exception of a landing page (if you decided to have one), each page must have a minimum of three paragraphs of text or five images or a combination of images and text. **This is a minimum**. If you are in doubt, add more.

5. One page should have at least nine distinct images grouped together. These images should use filters and pseudo-classes to animate/augment them. (So change opacity, border, etc.)

6. Your site must have a component that uses grid - Copying code from previous assignment will only be partial credit. You must include in your

submission documentation on where to find grid being used effectively.

7. Your site must have a component that uses flexbox - Copying code from previous assignment will only be partial credit. You must include in your submission documentation on where to find flex being used effectively.

The remaining steps should be completed independently. (And by independently this also means without help from your classmates unless it is on Piazza.) Please check the rubric - they do not carry a high point value. If we see similar code across multiple people we will reduce the score to be lower.

8. At least one CSS generated animation. Make sure to write a media query to turn it off as well.

9. A working contact form. The form should store the info in a 3rd party site.

10. A parallax image.

11. A keyboard-accessible flip card using just CSS

12. Google Analytics on all four pages. Take a screenshot of each page with multiple people viewing at the same time and include in your documentation.

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 cause structural changes to at least two of the pages - the flow of elements must change, elements must hide, or grid/flex properties should be altered.
   c. Using flex does not count toward the responsive design objective unless some of the flex properties are significantly updated using media queries.

2. You must include a media-query that turns off any animation you created in your site.
3. Your submission must include documentation of your responsive design choices and how you trigger them. **You must explain how your code improves the page, not just changes it.** If you used Bootstrap, that can count as an "extra" but not one of the required two media queries. Make sure to use Inspect Element to show the media queries changing the CSS.

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.**

2. A summary of the steps you took to ensure that your site addresses accessibility, diversity and inclusion.

All documentation should be in a Google Doc. Include the link to the Google Doc in the comments section of your submission *and make sure that we can open it.*

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.

Having this content along with the write-up will earn an 85%. However, deductions will be made if you don't follow good programming/accessibility concepts.

Demonstration

If you are hoping to earn more than an 85% on the project you will be expected to do a demo in discussion for a small group of people BEFORE the due date.   You will need to describe to us what you did above and beyond the requirements that demonstrates advanced skills.   We will have high expectations. Everyone who attempts a higher score will be ranked and at most 25% of the class will receive a score greater than 95%.

I am often asked for examples of "additions" but then students just replicate those exact ideas. So while I can't give you good examples of extras, I can mention some bad examples. **Extra pages don't count**. Code taken directly from homework assignments doesn't count. Code that you copied and pasted from elsewhere and can't modify doesn't count. If you do use code from elsewhere, focus on telling us what you had to do to get it to work.

Submission

You should submit your URL to Canvas and include a link to your write-up in the comments. ___Any changes to the code after the deadline will result in a 10% per day penalty.___