Final Project

Overview

Objectives

- Demonstrate an understanding of all topics covered during this course:
    - Structure, design, and style your site with HTML and CSS
    - Use JavaScript to make your site interactive
    - Combine technical and design skills to create a responsive website that is compatible with mobile devices
- Apply knowledge gained during this course by building a website from scratch
- Use your creativity - your instructor will validate feasibility and manage scope

Prompt

For the final project, you'll be designing and building a website of your choice. This project will test your knowledge of front-end web development and ask you to apply everything you've learned in this course. The result will be a website that you can add to your portfolio. You could create: a portfolio website; a marketing website for a startup or business; or a prototype for a simple web-app. Work with your instructor to create project goals that are realistic given the scope and timing of the class.

Deliverables

Wireframes outlining the structure of your website
A website composed of HTML, CSS, and JavaScript.

Requirements

Use HTML to correctly structure the DOM:

- Use HTML5 structural elements (header, nav, footer)
- Demonstrate correct use of classes and IDs
- Select the appropriate tags to markup content

Use CSS to style the page:

- Apply fonts, color, and styles to elements and the page
- Demonstrate use of flex or grid properties and the box model

Use JavaScript to add interactive elements to the page

Timeline

Milestone	Due Date	Deliverable
Milestone 1	Week 06	Project Proposal / Wireframes
Milestone 2	Week 07	Draft of HTML / CSS (no JS)
Milestone 3	Week 08	First draft of JS
Milestone 4	Week 09	Updated Rough Draft
Milestone 5	Week 10	Final Presentation

Resources

We recommend you take a look at

- Student Projects for examples of past student work;
- Folder/File Structure Guide for using the Sublime Text editor on Mac. (These instructions are for a text editor called Sublime Text, but they should all still apply to Atom)
- Some other ideas for projects: https://gist.github.com/megganeturner/848e1e12cf86df1df38f49f41f94cf4a
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Submission Guidelines

You will submit your final project through Github (don't worry, we will walk through how to do this in class!). We will deploy our websites using Netlify. Please sign up for an account on both Github & Netlify before week 9 so that we can go through this process together.

Evaluation

Your submission will be evaluated based on the rubric below.

Rubric

Your instructor will review your project and evaluate it against the rubric below. You will receive a score of 0–3 for each criterion:

- 0: Missing/incomplete
- 1: Does not meet expectations
- 2: Meets expectations
- 3: Exceeds expectations

Your grade will be the sum of these scores. All scores must be greater than 0 for a passing grade.

Criteria	Score (0–3)
HTML Uses properly formatted and semantically descriptive HTML elements The site is sectioned into logical groupings using container elements	
CSS Applies style using efficient and descriptive CSS rules The site is easy to navigate with a clean, intuitive layout Styles are consistently applied throughout the site for a coherent theme	
JavaScript The site contains interactive, stateful components powered by JavaScript Code is well-organized and readable, with appropriate comments	
Wireframes Demonstrate thoughtful planning of layout, site components, and interactivity	
Total Score	__ / 12
Feedback • **Glows** (what went well): • **Grows** (areas of opportunity):	