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, footer, 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

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### **Timeline**

| **Milestone** | **Due Date** | **Deliverable** |
| --- | --- | --- |
| Milestone 1 | Week 05 | 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 |

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### **Resources**

We recommend you take a look at

* [Student Projects](https://generalassemb.ly/education/front-end-web-development-remote-online#student-projects) for examples of past student work;
* [Folder/File Structure Guide](https://docs.google.com/document/u/0/d/1vcVLvC5PZ2P2eu9daws2C4q3zkmkyrsEC5QTep3a7gc/edit) for using the Sublime Text editor on Mac.

# Submission Guidelines

Students will provide a link to their github repo and their github pages live link on or before ***11/29/21.***

# Evaluation

Your submission will be evaluated based on the rubric below.

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### **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): | |