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**

A project proposal delivered via [Google Forms](https://forms.gle/QRF7Szd4wDfchgTg6).

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**

Besides the **project proposal** (due Lesson 12) and your **final presentation + project code** (due the last day of class), there are no deliverables here.

Milestones 2, 3 and 4 are just for you to keep in mind and to help you stay on track.

However, keep in mind that you should absolutely not leave the entire project for the final weekend before our last class!

Take advantage of office hours and check in with your instructional team if you ever have questions!

| **Milestone** | **When** | **Deliverable** |
| --- | --- | --- |
| Milestone 1 | Week 06 - Lesson 12 | 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 Lesson | 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;
* [Final Project File & Folder Structure Guide](https://docs.google.com/document/d/1pwapcCLZuMPnWJZueJKb_lDRclO7EtZkfiLnjtaxG5w/edit?usp=sharing)

# Submission Guidelines

You should submit a link to your Final Project code on GitHub and a link to your deployed site by the beginning of class on **Monday, September 27** (our last day of class).

You can submit your links via Slack DM to either member of the instructional team.

# 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 |  |
| **Total Score** | \_\_ / 9 |
| **Feedback**   * **Glows** (what went well): * **Grows** (areas of opportunity): | |