

8. Interactive Front-End Project

[Submit Assignment](#)

Due Sunday by 11:59pm **Points** 100 **Submitting** a text entry box or a website url

Why Projects Are Important

Projects are extremely important on your journey to becoming a full-stack web developer. As you get further along in the boot camp, you'll find opportunities to apply for web developer roles. Among the first requirements you'll need to even get an interview are high-quality deployed examples of your work featured in your portfolio.

This project will be a centerpiece for your portfolio and your first opportunity to show employers your collaborative skills and coding abilities. Employers want to see what you can do, but they also want to see how you work with other developers. The more examples of deployed collaborative work you have in your portfolio, the more likely you are to get an interview and a job. One of the requirements for this project is that you add it to your portfolio.

Project Requirements

You and your group will use everything you've learned over the past six weeks to create a real-world front-end application that you'll be able to showcase to potential employers. The user story and acceptance criteria will depend on the project that you create, but your project must fulfil the following requirements:

- Use a CSS framework other than Bootstrap.
- Be deployed to GitHub Pages.
- Be interactive (i.e: accept and respond to user input).
- Use at least two server-side APIs.
- Does not use alerts, confirms, or prompts (use modals).
- Use client-side storage to store persistent data.
- Be responsive.
- Have a polished UI.
- Have a clean repository that meets quality coding standards (file structure, naming conventions, follows best practices for class/id-naming conventions, indentation, quality comments, etc.).
- Have a quality README (with unique name, description, technologies used, screenshot, and link to deployed application).

Finally, You must add your project to the portfolio that you created in Module 2.

Presentation Requirements

Use this [Project Presentation Template](https://docs.google.com/presentation/d/1_u8TKy5zW5UlrVQVnyDEZ0unGI2tjQPDEpA/)

(https://docs.google.com/presentation/d/1_u8TKy5zW5UlrVQVnyDEZ0unGI2tjQPDEpA/) to address the following:

- Elevator pitch: A one-minute description of your application.
 - Concept: What is your user story? What was your motivation for development?
 - Process: What were the technologies used? How were tasks and roles broken down and assigned? What challenges did you encounter? What were your successes?
 - Demo: Show your stuff!
 - Directions for future development.
 - Links to the deployed application and the GitHub repository.
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Grading Requirements

This project is graded based on the following criteria:

Technical Acceptance Criteria: 25%

- Satisfies the following code requirements:
 - Application uses at least two server-side APIs.
 - Application uses client-side storage to store persistent data.
 - Application doesn't use JS alerts, prompts, or confirms (uses modals instead).
 - Application uses a CSS framework other than Bootstrap.
 - Application is interactive (accepts and responds to user input).

Concept 10%

- Application should be a unique and novel idea.
- Your group should clearly and concisely articulate your project idea.

Deployment: 20%

- Application deployed at live URL and loads with no errors.
- Application GitHub URL submitted.
- Portfolio at live URL submitted, featuring project.

Repository Quality: 10%

- Repository has a unique name.
- Repository follows best practices for file structure and naming conventions.
- Repository follows best practices for class/id-naming conventions, indentation, quality comments, etc.
- Repository contains multiple descriptive commit messages.
- Repository contains quality README file with description, screenshot, and link to deployed application.

Application Quality: 15%

- Application user experience is intuitive and easy to navigate.
- Application user interface style is clean and polished.

• Application is responsive

- Application is responsive.

Presentation 10%

- Your group should present using Powerpoint or a similar presentation software.
- Every group member should speak during the presentation.
- Your presentation should follow the Project Presentation Template.

Collaboration 10%

- There are no major disparities in the number of GitHub contributions between group members.

How to Submit Your Interactive Front-End Project

Each member of your group is required to submit the following for review:

- The URL of the deployed application.
- The URL of the GitHub repository. Give the repository a unique name and include a README describing the project.
- The URL of your portfolio, with your project added to it.

NOTE

You are NOT allowed to skip this assignment. Project assignments are required.

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