

Assignment 6 – Implementing a Web Portfolio/Tool Project (Final Project Pt. 2)

Assigned: Weds. Nov. 8

Due: Weds. Nov. 29 11:59pm

Project Overview

Translate the work you did in Assignment 5 to a fully-functioning, interactive, responsive website using HTML/CSS/JS. You should incorporate the feedback you received from Assignment 5.

NOTE: It is ok to change your plan from Assignment 5 to 6 but you **MUST** describe in your write-up what you changed and why. If you plan on massively changing your plan, be sure to check in with your TA for approval.

Deliverables will be submitted to GitHub and Canvas.

Final Project Goals

- Design an interesting tool or set of user interactions that will be an illustrative and impressive addition to your web portfolio. You are required to do **at least** one of the following things:
 - Use a new JS library (e.g., react, p5, d3)
 - Use a web API
 - Use animations
 - etc.
- Responsive Design (i.e., should work for multiple interfaces such as different sized web browsers and a mobile screen)
- Showcase your work to other people

Deliverables (30 pts total)

- Website for your Portfolio or Informational Tool (20 pts)
 - All HTML/CSS/JavaScript/Asset files on GitHub
 - Pages should render without error
 - Interactions should work as described without error
 - Website should be responsive (work for multiple screen sizes)
 - Be sure to check that all of your links (to assets, libraries, etc.) are properly working!
 - Your code should be well-organized and well-commented
- Write-Up (10 pts)

- The goal of your write-up is to clearly convey the work you did on this project (i.e., make it VERY clear to your TAS who to evaluate your work - showcase it well!).
- Describe your website:
 - What is the purpose of your website? What information do you convey with your website? How is it interesting and engaging? Who is the target audience?
- Describe how a user would interact with your website. If your website is targeted at certain devices (e.g., mobile-only with phones and tablets), please specify this.
- Describe what external tool you used (JavaScript library, Web API, animations, or other), why you chose to use it, how you used it, and what it adds to your website.
- Describe how you iterated on your HW5 mockups, if at all, including any changes you made to your original design while you were implementing your website.
- What challenges did you experience in implementing your website?

Submission

- Submit your writeup with a link to your GitHub web page as a pdf **on Canvas**.
- Host your page on GitHub
 - Use [Project Pages](#) if you are already hosting another website under your account (e.g., from HW4).
 - Settings > GitHub Pages > Select “master” as source. If you get an error opening the website, wait a few minutes because it can take a while to appear (or try making a dummy push to your repository).