

Assignment 5 – Prototyping a Web Portfolio (Final Project Pt. 1)

Assigned: Fri. Oct. 27

Due: Fri. Nov. 3 11:59pm

Project Overview

Assignments 5 and 6 together make up your final project for this course. You should choose a project that reflects and showcases your particular interests within HCI user experience design.

Final Project Goals

- Use the prototyping skills you have been building up throughout this semester
- Gain skills in scoping a coding project
- Design an interesting tool or set of user interactions that will be an illustrative and impressive addition to your web portfolio. You will be 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)

Design a website with custom interactions and interesting ways to engage the user.

- **Option 1:** Web portfolio (either for you, or for someone else). Examples:
 - <http://www.awwwards.com/creative-web-portfolios.html>
 - <http://www.denisechandler.com/>
 - <http://www.rleonardi.com/interactive-resume/>
- **Option 2:** Informational tool that teaches the user about a topic. Examples:
 - <http://www.siyanz.com/images/PUITA/work/asaini/UXDesignTool.html>
 - <https://www.ge.com/digitalvolcano/>
- **IMPORTANT:** If you have an idea and are not sure if it fits the assignment requirements, please talk to the TAs ASAP so we can help you choose a project that within the assignment scope that is of personal interest to you.

In Assignment 5, you will be laying the groundwork for the final deliverables in Assignment 6. You will exercise your prototyping skills by designing and testing at least one medium-fi prototype of your project, and will use these iterations to then start coding out your hi-fi prototype using HTML/CSS/JavaScript.

All Deliverables will be submitted to Canvas.

Deliverables (15 pts total)

[all in a single pdf document w/appropriate labels for each section]

- 5-10 sentence summary of your project (5 points)
 - Must include how you plan to make it interactive and engaging.
 - Must include specifically what information you want to convey and include on the site. For example:
 - **Option 1:** What about information about yourself do you want to include? How will you convey your unique personal interests? What projects will you include?
 - **Option 2:** What is the tool intended to do? What should users learn by using the tool? Who is your target audience?
 - (Optional) For the final project assignment, you will be required to use either a new JS library, a web API, or animations. List the external libraries, APIs, or tools you plan to use for your project to complete this requirement.
 - (Optional) Any questions or concerns you have about fully coding out this project.
- Images or link to mid-to-high fi mockups (10 points)
 - E.g., Balsamiq, InVision
 - If you use paper, must be enough detail for TAs to understand the page and purpose without much prompting - design must stand on its own, show all interactions (e.g., pop-ups)
 - Must include web version of mockup
 - Must include mobile version of mockup