Final Project Requirements

CSC 175

# Overview

You will be building an interactive site using JavaScript. The site must include a home page, and a page that allows users to scroll through a list and click to view the details of the list items. This can be a game, web store, app, or other use of a site.

## The Client

You will be creating your own site, but in our hypothetical situation, your instructor is the representative of the client for this project. Any questions regarding the specific functionality for the project should be directed toward your instructor.

# Requirements

1. You will submit your final project via GitHub. Just as you have done the rest of the semester, you will create a folder for your final project.
2. When you are near completion, you will also submit your project on your own username.github.io repository. In your personal github account, create a repository named username.github.io (where username matches your github username exactly), and add all of the files for the final project at the root level. You may then type username.github.io in a browser to view the published website.
3. You must have a home page which includes at least one widget, plugin, or Bootstrap component. This home page should also have a link to the page with the list-view.
4. You must provide a “list-view” of some content. There are many ways to accomplish this, and it is up to your creativity on how to do so. This can be a list, a table with columns and cells, a group of “tiles” with images and information, or another creative way of displaying the content
5. You must provide a “details-view” of each item when it is clicked on. There are many ways to accomplish this, and it is up to your creativity on how to do so. The details view can be on the same page or may open a separate page.
6. Content information should be accessible from a remote JSON-based webservice. (You may use a mockaroo API. At least in the beginning, I would limit this to 10-20 items, so you don’t hit the limit.

Generating random data: [http://www.mockaroo.com](http://www.mockaroo.com/)

Mock API: <http://www.mockaroo.com/mock_apis>

1. You must provide a comment form.
   1. Include at least labels and inputs for a submit button and a reset button, first and last name, and space for comments. Also use three other types of form controls (one set of three radio buttons is still just one type) of your choice.
   2. When input is validated and complete, return a message to the user thanking them for their information and stating that you will get back with them within 48 hours.
   3. Be sure to validate the form.

# Grading Rubric

**Project – 100 points total**

10 points – all final code pushed to GitHub by deadline

10 points – all final code reflected also within your username.github.io

20 points – no JavaScript errors in final project

60 points – all other requirements listed above are met

# Notes

This is not a design exercise. Your abilities with HTML and CSS will not be graded. However, as with anything you are developing for a client – try to make it look the best you can. Ask for help if this is not a strong area for you.