

## CPSC222 Project 1: Website Creation

Please read **everything** in this document carefully. You are responsible for knowing all information inside of this project document.

### Overview:

In this project you're going to be utilizing your lessons in HTML, CSS, and Git/GitHub in order to create a multi-page website. The Getting Started section will give you the instructions for properly setting up your GitHub repository, downloading the starter code, and adding me as a collaborator to your Repo so I can see your changes. The Requirements section will outline what is expected of you in the assignment. Finally, Deliverables will outline what needs to be submitted and where.

### Getting Started:

You may either download the starter code from the assignment in Canvas or from my public GitHub repo for the starter code. Both are acceptable:

<https://github.com/BradenWhited/CPSC222-Project1-StarterCode>

Next, create your own **PRIVATE** GitHub repo named "CPSC222-Project1-YOUR\_NAME" so for example mine would be CPSC222-Project1-BradenWhited. Once you've done this add me (GitHub username: BradenWhited) as a collaborator to your repo so that I can see your changes and progress. Note that I will only check this after the submission deadline passes to grade or if you ask me for help before then. Instructions for adding a collaborator are here:

<https://help.github.com/en/github/setting-up-and-managing-your-github-user-account/inviting-collaborators-to-a-personal-repository>.

Once you've done this clone your repo so you have it locally, add your downloaded starter code that I have provided and push to your repo. At this point you can begin working and any changes you make should be pushed to your private repository.

### Requirements:

This project is worth 100 points in total. The coding portion of your assignment will be worth 80 points and your written reflection journal will be worth 20 points.

### **Coding Requirements (80%):**

#### *HTML (35%):*

- ❖ Your website will be comprised of 3 html pages
  - A homepage named index.html
  - Two additional pages named of your choosing
- ❖ You must have some kind of menu on your pages that allows the user to:

- Reach the other two pages from the index.html page
- The other two pages allow me to return to index.html without hitting the back arrow
- You must do this through relative URLs
- ❖ Each page must contain 1 paragraph text and 1 heading text
- ❖ Each page must contain at least 2 URLs with absolute URLs that open in new tabs
- ❖ Each page must contain at least 1 unique image
  - This image should be stored locally in the “images” folder provided in the starter code
  - Do NOT use absolute URLs to hosted images
- ❖ Each page should include a <head>, <body>, and <footer> tag
- ❖ Each page should contain a title and a favicon

#### *CSS (35%):*

- ❖ You must use an external CSS sheet for this assignment
  - This CSS sheet must contain at least 10 different sets of rules
    - You may reuse rules across multiple html files if you wish
    - You may use multiple CSS files if you wish
  - You must change the font-family for the entire HTML document
  - You must use a background-color or a background-image on each of your pages
    - Each page must have a different background
  - At least 2 of your rule sets should be for HTML classes
  - At least 2 of your rule sets should be for HTML IDs
  - You must create a rule for all anchor tags that uses the CSS “:hover” state
  - You must effectively use the CSS properties “float” and “display” at least once each on each page
    - Effectively means that if I remove the rules your page will look different

#### *GitHub (10%):*

- ❖ You must make at least 3 separate commits throughout the project. You will receive full credit if your repo has 3 or more commits. If you have less than 3 commits you will lose all 10% of this portion.

#### **Journal Requirements (20%):**

You will write a small journal to collect your reflections and thoughts around the project and how you choose to approach it. Your journal should be submitted as a PDF in the “journal” folder of your project

#### *Opening (1/2 Page):*

Describe your initial thought process to attack the project. What kind of a site are you planning to create? Are there certain parts of the project you think are easier than others? Difficult? How do you think you will do?

*Submission Reflection* (2-3 sentences per 'git commit/push' you do to your repo)

Include the check-sum or date and time of your commit/push. What new have you added or changed this time? Are you running into any obstacles? What do you want to do next?

*Conclusion (1/2 Page):*

Give your final thoughts on the project. Are you happy with how your project turned out? What are you most proud of or impressed with in regards to the work you've done on the project. Is there anything you would do differently if you had the time or knowledge to do so?

Deliverables:

Submit your project as a compressed .zip file to Canvas. In the project comments include a link to your private GitHub repository that you have been using for the project. I should be listed as a collaborator on the repository so that I have access to view it.