

# COMP125 – Client-Side Web Development

## Assignment 1

### Mini Portfolio

Due: Week 4 (Friday June 1, 2018) @ Midnight

Value 15%

Mini Portfolio

**Maximum Mark: 50**

**Overview:** Create a web application that includes **three pages**. One page should be all about you. Include a **personal logo**, a recent image of you and single paragraph that describes your personal mission statement. Another page should be a **contact page** that includes a simple contact form. Also, include a page that shows off three of your favourite projects (web or otherwise).

### Instructions:

1. Include the following pages and navigation for your Mini Portfolio site (**14 Marks: GUI, 14 Marks: Functionality**):
  - a. A **Bio page** (or About Me page). Include a personal Logo. A recent Image of you and a short paragraph that outlines your personal mission. All the text on the page should come from **string variables** in your **app.js** file (4 Marks: GUI, 4 Marks Functionality).
  - b. A **Contact page**. Include a short form that asks the user for their contact information (e.g. Name, Contact Number and Short Message). When the user clicks on the Submit button, the form will take the user back to the Bio Page. The form does not have to work for this assignment (3 Marks: GUI, 3 Marks: Functionality).
  - c. A **Projects page**. Include details (text and images) of three of your favourite projects. The text for each project will come from string variables in your app.js file. (4 Marks: GUI, 4 Marks: Functionality).
  - d. A **Nav Bar** or **Nav Panel** will allow the user to navigate from page to page. This bar or panel may be positioned on your page as you desire (3 Marks: GUI, 3 Marks: Site Structure).
2. Your site will be organized into the following structure (**10 Marks: Site Structure**):
  - a. Create a **Contents** folder. This folder will contain your site's CSS files (2 Marks: Site Structure)
  - b. Create a **Scripts** folder. This folder will contain your site's JavaScript files (2 Marks: Site Structure)
  - c. Create an **Assets** folder. This folder will contain your site's images and media files (2 Marks: Site Structure).

- d. You will include the Bootstrap CSS Framework in each of your HTML files (2 Marks: Site Structure)
- e. You will include the Font-Awesome Icon Font Library in each of your HTML files (2 Marks: Site Structure)
3. Include **Internal Documentation** for your site (**4 Marks: Internal Documentation**):
  - a. Ensure you include a **comment header** for your **CSS and JavaScript files** that indicate: The **File name, Author's name, web site name, and file description** (2 Marks: Internal Documentation).
  - b. Ensure you include **section headers** for all of your **HTML structure, CSS style sections, and any JavaScript functions** (1 Marks: Internal Documentation)
  - c. Ensure all your code uses **contextual variable names** that help make the files human-readable (1 Marks: Internal Documentation).
  - d. Ensure you include **inline comments** that describe your GUI Design and Functionality. **Note:** Please avoid “over-commenting” (1 Marks: Internal Documentation)
4. Share your files on **GitHub** to demonstrate Version Control Best Practices and push your site to a cloud host (**4 Marks: Version Control, 4 Marks: Cloud Hosting**).
  - a. Your repository must include **your code** and be well structured (2 Marks: Version Control).
  - b. Your repository must include **commits** that demonstrate the project being updated at different stages of development – each time a major change is implemented (2 Marks: Version Control).
  - c. You must deploy your site to your Cloud Server using **git** (4 Marks: Cloud Hosting).

## SUBMITTING YOUR WORK

Your submission should include:

1. A zip archive of your website's Project files
2. A link to your GitHub repository.
3. A link to your live mini portfolio site hosted with a Cloud provider (or school web server).

Feature	Description	Marks
GUI / Interface Design	Display elements meet requirements. Appropriate spacing, graphics, colour, and typography used. A Logo is included for the site.	14
Functionality	Site deliverables are met and site functions are met. No errors, including submission of user inputs.	14
Site Structure	Well organized site files. Separate HTML and CSS. Appropriate links to external documents and code. Code is error free.	10
Internal Documentation	File header present, including site & student name & description. Functions and classes include headers describing functionality & scope. Inline comments and descriptive variable names included.	4
Version Control	GitHub commit history demonstrating regular updates.	4
Cloud Deployment	Deploy site to Cloud Service or school web server	4
<b>Total</b>		<b>50</b>

This assignment is weighted **15%** of your total mark for this course.

Late submissions:

- 20% deducted for each day late.

External code (e.g. from the internet or other sources) can be used for student submissions within the following parameters:

1. The code source (i.e. where you got the code and who wrote it) must be cited in your internal documentation.
2. It encompasses a maximum of 10% of your code (any more will be considered cheating).
3. You must understand any code you use and include documentation (comments) around the code that explains its function.
4. You must get written approval from me via email.