

COMP2112 – Client-Side Web Development

Assignment 1

Mini Portfolio

Due: Week 6 (Sunday October 16, 2022) @ Midnight

Value 8%

Mini Portfolio

Maximum Mark: 100

Overview: Create a web application that includes **Five pages**: your **Home page (Landing Page)**, an **About Me** page, a **Projects** page, a **Services** page, and a working **Contact Me** page.

Instructions:

1. Include the following pages and navigation for your Mini Portfolio: (60 Marks)
 - a. Your **Home Page** should include some sort of welcome message and link or button that allows the user to redirect to your About Me Page and / or other pages. I recommend also including some sort of **Mission Statement**
 - b. 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.ts** file
 - c. A **Contact page**. Include a short form that asks the user for their contact information (e.g. Full 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 must be fully functional for this assignment and include appropriate Validation Logic.
 - d. 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.ts** file.
 - e. Your **Services Page** should include a short list of services you offer (e.g. general programming, web development, mobile apps, etc.). I recommend including images that make this more appealing to view.
 - f. 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
2. Your site will be organized into the following structure (10 Marks):
 - a. Create a **Contents** folder. This folder will contain your site's CSS files
 - b. Create a **Scripts** folder. This folder will contain your site's JavaScript files
 - c. Create an **Assets** folder. This folder will contain your site's images and media files
 - d. You will include the Bootstrap CSS Framework in each of your HTML files
 - e. You will include the Font-Awesome Icon Font Library in each of your HTML files

3. Include **Internal Documentation** for your site (10 Marks)
 - 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**
 - b. Ensure you include **section headers** for all of your **HTML structure, CSS style sections, and any JavaScript functions**
 - c. Ensure all your code uses **contextual variable names** that help make the files human-readable
 - d. Ensure you include **inline comments** that describe your GUI Design and Functionality.
Note: Please avoid “over-commenting”
4. Share your files on **GitHub** to demonstrate Version Control Best Practices and push your site to a cloud host (10 Marks)
 - a. Your repository must include **your code** and be well structured
 - b. Your repository must include **commits** that demonstrate the project being updated at different stages of development – each time a major change is implemented
 - c. You must deploy your site to a Live Server using **git**
5. Create a Short Video presentation on **YouTube** or another streaming provider. You must include a short **PowerPoint** (or Google Slides) Slide Deck that includes a **single slide** to start your video (10 Marks)
 - a. The **first** (and only) **Slide** of your Slide Deck must include a **current image** of you (no avatars allowed) that is displayed appropriately on the page. You must also include your **Full Name, Student ID, the Course Code, Course Name, and your Assignment** information
 - b. You will **demonstrate** your site’s functionality. You must show each page working properly
 - c. You will **describe** the code in your app.js file that drives the functionality of your site
 - d. Sound for your Video must at an appropriate level so that your voice may be **clearly heard**, and your screen resolution should be set so that your code and site details are **clearly visible**
 - e. Your Short Video should run no more than 5 minutes

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).

This assignment is weighted **8%** 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.