COMP125 – Client-Side Web Development

Assignment 2
Mini Portfolio – Contact Page Update

Due: Week 5 (Friday June 10) @ Midnight

Value 10%

Mini Portfolio - Contact Page Update   **Maximum Mark: 30**

Overview: Extend your mini portfolio from Assignment 1. You will write JavaScript code to capture the form data from the contact page and output the values to the console.

Instructions:

1. Include the following pages and navigation for your Mini Portfolio site **(7 Marks: GUI, 6 Marks: Functionality):**
   a. A **Contact Page Update**. Ensure that the contact page includes First Name, Last Name, Email, Contact Number, and Message fields (5 Marks: GUI).
   b. The Contact Page will include two buttons: A **Cancel Button** which will redirect the user back to the Home Page and a **Send Button** that will be used to capture the user's data (2 Marks: GUI, 1 Marks Functionality).
   c. When the user enters data in the contact page and presses the **Send Button**, the form data is stored in variables that are appropriately named. Ensure that the values from the variables are output to the console. (5 Marks: Functionality).
2. Your site will be organized into the following structure. This is the same from Assignment 1. Please ensure you maintain this structure **(5 Marks: Site Structure):**
   a. Create a **Contents** folder. This folder will contain your site's CSS files (1 Marks: Site Structure)
   b. Create a **Scripts** folder. This folder will contain your site's JavaScript files (1 Marks: Site Structure)
   c. Create an **Assets** folder. This folder will contain your site's images and media files (1 Marks: Site Structure).
   d. You will include the Bootstrap CSS Framework in each of your HTML files (1 Marks: Site Structure)
   e. You will include the Font-Awesome Icon Font Library in each of your HTML files (1 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 a **section header** 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

Feature	Description	Marks
GUI / Interface Design	Display elements meet requirements. Appropriate spacing, graphics, colour, and typography used.	7
Functionality	Site deliverables are me and site functions are met. No errors, including submission of user inputs.	6
Site Structure	Well organized site files. Separate HTML and CSS. Appropriate links to external documents and code. Code is error free. JavaScript libraries use a CDN.	5
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.	4
Total		**30**

This assignment is weighted **10%** 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.