**Student Name: Weight: 25%**

**Student ID:** **Marks:** **/28**

# Assignment: Using JavaScript and Deploying a Website

In this assignment, you’ll demonstrate your ability to use CSS and JavaScript, and to use GitHub for deployment. This assignment may be completed during a provided work period or outside of scheduled class time, as indicated by your instructor.

## Instructions

1. Working individually, update the website provided by your instructor to add styling and interactive functionality using JavaScript.
2. Deploy your website using GitHub.
3. Upload the following to Brightspace:

* The URL for your website in the format **https://USERNAME.github.io/REPO-NAME**, where USERNAME has been replaced with your GitHub ID and REPO-NAME has been replaced with the name of the repository containing the following files and folders for your website:
* Your **index.html** file
* A **pages** folder containing booking.html and contact.html
* A **styles** folder containing styles.css
* An **images** folder containing the images for your page
* A **scripts** folder containing one or more JS files, named semantically
* A screenshot showing successful validation of your CSS from <http://jigsaw.w3.org/css-validator/>
* A screenshot showing successful validation of your JavaScript file from <https://beautifytools.com/javascript-validator.php>

1. Submit your assignment by the due date listed in Brightspace. See the marking criteria below for details on how you will be assessed.

## Marking Criteria

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **0 Marks** | **1 Mark** | **2 Marks** | **Marks** |
| **HTML** | No HTML is submitted. | Code is visible on the page. | Page renders without visible errors. | /2 |
| **HTML** | No HTML is submitted. | HTML has been modified. | HTML has not been modified, with the exception of adding classes or IDs to existing elements. | /2 |
| **CSS** | No CSS is submitted. | CSS stylesheet is not correctly linked, or multiple stylesheets were created. | A single CSS file is correctly linked to all 3 web pages. | /2 |
| **CSS** | No CSS is submitted. | CSS has one or more errors in validation. | CSS passes validation with no errors. | /2 |
| **CSS** | No CSS is submitted. | CSS contains inconsistent indentation, unnecessary blank lines, incorrect selectors, or significant repetition within declarations, or does not contain comments to organize content. | CSS is well formatted, with minimal repetition and uses comments to organize content. Appropriate and simple selectors have been used. | /2 |
| **JavaScript** | JavaScript was not included. | JavaScript is embedded within HTML. | JavaScript is contained in its own file(s), linked to the HTML files. | /2 |
| **JavaScript** | Variables were not included. | Variables were used incorrectly. | Variables use appropriate data types. | /2 |
| **JavaScript** | No logical operators were included. | Logic was partially correct. | Logic works as expected. | /2 |
| **JavaScript** | JavaScript was not included. | JavaScript has warnings. | JavaScript has no errors or warnings. | /2 |
| **GitHub** | Link not provided. | Link does not work, or is not in the expected format. | Link works in provided format. | /2 |
| **Pages** | Home page is missing or blank. | Home page differs significantly from provided sample. | Home page is a reasonable replica of the provided content. | /2 |
| **Pages** | Bookings page is missing or blank. | Bookings page differs significantly from provided sample. | Bookings page is a reasonable replica of the provided content. | /2 |
| **Pages** | Contact page is missing or blank. | Contact page differs significantly from provided sample. | Contact page is a reasonable replica of the provided content. | /2 |
| **Framework** | No files or folders were included. | Framework was missing elements, or did not follow expected structure. | Folder structure was as expected. | /2 |
| **Total** |  |  |  | /28 |