

# Assignment One

## Dynamic Web Site with Database Integration

**Due: Week 6**

### **Description:**

For this assignment you will be required to construct a website where the user can add content to the database then have it displayed on a separate page. The theme of the website can be of your own choosing, however, here are some recommendations:

- An employee portal that tracks hours worked and other employee information.
- Student records that track student information such as grades.
- A subscriber portal that stores their information and interests.

The website should have a professional finish and be all of your own work.

### **Instructions:**

Please read and follow the instructions below carefully.

#### HTML

- Create two pages.
  - One page to add the content.
  - One page to view the content.
- Each page should have a header that contains a navigation and logo.
- Each page should have a footer.
- Create an HTML form with all the required attributes.
- Use input types that match the content that you are requesting.
- HTML should be validated and error free.

#### PHP

- Create a connection to the database.
- The values received from the form should be validated and stored in variables.
- Using the correct SQL query save the form data to a table in the database.
- Using the correct SQL query and PHP loop display all of the content that is stored in the table in your database.
- All PHP should be functional and error free.

## CSS

- Each page should have a polished finish, Bootstrap is welcome, but you will still need to add some of your own CSS.

## Submitting Your Work:

**Localhost:** If you are using localhost, please follow the instructions below:

1. Upload all the files required to test your assignment, this includes a copy of your SQL to your GitHub repository.
2. Add me as a collaborator to the repository.
3. In the assignment submission provide a link to the GitHub repository.

## Evaluation:

Below is a breakdown of how your assignment will be graded. Please note that all late submissions will be subject to a 20% deduction for every 24hrs past the deadline.

Task	0 - 1	2 - 3	4 - 5	Mark
File Hierarchy	Files are not organized	There is some organization	Files are sorted into the correct directories	/5
Valid HTML	HTML has 5 or more errors	HTML has no less than 1 error but no more than 4 errors	HTML has no more than 1 error	/5
Metadata	All the required metadata is missing	Some metadata is missing	All the required metadata is included	/5
HTML Elements	HTML elements did not match the content or were used incorrectly	A few elements were used incorrectly	HTML elements were used correctly and match the content used	/5
HTML Form	No HTML form was found or was missing the required attributes	HTML form had errors or was missing some required attributes	HTML form was built correctly	/5
Form Inputs	No inputs were used	Some input types did not match the content requested	Input types were used correctly	/5

SQL	No SQL was found or provided	SQL was provided but with errors	SQL worked correctly	/5
Create Function	No Create function found or did not function at all	The Create function worked but with some errors	The create function worked correctly	/5
Read Function	No read function found or did not function at all	The read function worked but with errors	The read function worked correctly	/5
Styling	No CSS was used or was not in a separate file	Only a CSS library was used or minimal CSS was applied	Website had a professional finish	/5
Grade				/50