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.

Live Server (Georgian Server): If you are using the Georgian Web Server, then please follow the instructions below:

- Upload all the files required to test your assignment, this includes a copy of your SQL to your GitHub repository.
- Add me as a collaborator to the repository.
- Provide the URL to the server and to the 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	/5

			match the content used	
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