WEB Development: Project #2

Mentor: Muhammad Zeeshan
Email: zeeshanayaz116@gmail.com
Institute: NAVTTC – October 2, 2024

Introduction

Welcome to Project#2 of the Web Development course. This assignment will test your understanding of HTML and CSS fundamentals. You'll work on creating a basic website that includes multiple elements, providing you with hands-on experience in building web pages.

This assignment consists of **10 tasks** that will guide you step-by-step to create a simple yet functional webpage using only HTML and CSS.

1 Problem Title

Basic Website Development using HTML and CSS

You are required to create a basic web page using only HTML and CSS. The objective is to develop your skills by implementing different elements and styles on a web page.

1.1 Tasks Overview

Below are the 10 tasks you need to complete as part of this assignment:

Task 1: Create an HTML Document

Create a basic HTML document structure. Ensure your page has the following:

- A `<!DOCTYPE html>` declaration.
- Proper HTML tags (`<html>`, `<head>`, `<body>`).
- The page title should be set to "My First Website."

Task 2: Add a Header

In the `<body>` of your HTML document, create a `<header>` element with:

- An `<h1>` tag containing the text "Welcome to My Web Page."
- A simple paragraph (`<p>`) under the header introducing yourself.

Task 3: Create a Navigation Menu

Add a navigation menu at the top of your page using an unordered list (`<ul>`):

- Include links (`<a>`) to sections within your web page, such as "Home," "About Me," and "Contact."

- Style the navigation using CSS to appear horizontally.

Task 4: Add a Section About Yourself

Create an "About Me" section:

- Use the `<section>` element.

- Include an `<h2>` tag and a paragraph (`<p>`) with information about yourself.

Task 5: Add an Image

Add a picture of yourself (or a placeholder image) to the "About Me" section:

- Use the `<img>` tag.

- Set the `alt` attribute for accessibility.

- Center the image using CSS.

Task 6: Create a Contact Form

Create a "Contact Me" section with a simple contact form:

- Include text fields (`<input>`) for "Name" and "Email."

- Add a text area (`<textarea>`) for a message.

- Include a submit button (`<button>`).

- Use labels (`<label>`) for each input field.

Task 7: Style Your Page Using CSS

Create a CSS file and link it to your HTML document using the `<link>` tag in the `<head>` section:

- Set a background color for the entire page.

- Change the font style for your headers (`<h1>`, `<h2>`).

- Add padding and margins for different sections to improve the layout.

Task 8: Add a Footer

Add a `<footer>` element at the bottom of your page:

- Include a paragraph with your contact information (e.g., email address).

- Style the footer to have a different background color than the rest of the page.

Task 9: Use a Table to Display Information

Create a table that displays some personal details (e.g., Name, Age, Favorite Hobbies):

- Use `<table>`, `<tr>`, `<th>`, and `<td>` tags.

- Add a border using CSS and style the table headers.

Task 10: Add a List of Hobbies

Create an ordered list (`<ol>`) and an unordered list (`<ul>`) of your favorite hobbies:

- Include at least 3 hobbies in each list.

- Style the lists with CSS, changing the bullet points or numbering style.

Info

Please ensure that you save your HTML file as "index.html" and link the external CSS file properly. Pay special attention to formatting and indentation in both HTML and CSS to keep your code organized and readable.

Submission

Submit both your `index.html` and CSS file (`style.css`). The deadline for submission is **October 3, 2024**.

Good Luck!

Remember, these tasks are designed to reinforce the basic concepts of HTML and CSS. Feel free to reach out if you have any questions.