Internet Technologies
Assignment 02

Objective

This assignment will guide you through the process of designing, developing, and deploying a personal portfolio website using HTML, CSS, and JavaScript. By creating a well-structured and visually appealing website, you will effectively showcase your skills, experiences, and accomplishments to potential employers or clients. This assignment will enhance your web development skills and establish a professional online presence.

Instruction

01. Gather Information

Before starting on the design and coding process, thoroughly gather relevant information that you intend to incorporate into your portfolio. This may include your educational background, work experience, skills, projects you've done, awards and any other pertinent details.

02. Create Wireframe Design

A wireframe serves as a low-fidelity sketch of your website's layout. It aids in visualizing the structure and arrangement of elements on each page. Employ basic shapes and lines to represent distinct sections of your portfolio, such as the header, navigation menu, main content area, and footer

03. Develop a Prototype

Once you have a clear wireframe, utilize tools like Figma or Adobe XD to create a prototype. A prototype enables you to interact with your website design and gain a better perception of how it will appear and function

04. Applying CSS Styles

CSS (Cascading Style Sheets) is responsible for the visual presentation of your website. It controls the styling of HTML elements, such as font styles, colors, margins, padding, and positioning. Employ CSS to style your portfolio, ensuring it is visually appealing and consistent with your design choices.

05. Incorporate JavaScript for enhanced Interactivity

JavaScript is a scripting language that adds interactivity and dynamic behavior to your website. Utilize JavaScript to enhance your portfolio with features such as animations, smooth transitions, interactive elements or custom effects, making it more engaging for visitors.

Submission Details

a. Milestone 01

You should submit the completed wireframe design to LMS on or before the deadline. Create a digital file of your wireframe in format like PNG, JPEG or PDF. Ensure that the file accurately represents your website's layout and design.

Date	22nd November 2023
Portal	iCET Learning Management System
Material	Digital File of Wireframe Design

b. Milestone 02

Create prototype of your website using Figma or Adobe XD. Convert it to a PDF and submit it to the LMS on or before the deadline.

Date	28th November 2023
Portal	iCET Learning Management System
Material	PDF File of your prototype

c. **Milestone 03**

You are required to commit your source code to GitHub from the project's inception. Additionally deploy your website on GitHub pages. It is essential to submit both your project's GitHub repository link and the deployed GitHub Page link to the LMS on or before the specified deadline.

Date	10th December 2023
Portal	iCET Learning Management System
Material	GitHub Repo Link and the GitHub Page Link

Recommended Reference

- MDN Web Docs : https://developer.mozilla.org/en-US/
- Dev Doc : https://devdocs.io/
- W3.org Documentation : https://www.w3.org/TR/