

MINI PROJECT

MODERN WEB DEVELOPMENT WORKSHOP 1 (CSE2191)

Topic: “My First Portfolio Website”

Objective

Throughout this course, Apply the concepts learned to build personal portfolio website. This project is an opportunity to demonstrate the understanding of HTML, CSS, and basic web design principles. By the end of the project, create a simple, responsive, and stylish portfolio that showcase your skills, projects, and contact information.

Project Overview

Create a multipage website that includes the following sections:

1. *Home*
2. *About Me*
3. *Portfolio*
4. *Contact*

Project Requirements:

1. Home Page

Content-

- A. A welcoming headline and a short introduction.
- B. Navigation menu linking to the other sections (About Me, Portfolio, Contact).
- C. A background image or a hero section with an image that represents the student (using CSS for styling).

Key Skills-

- A. HTML structure (headings, paragraphs, links).
- B. CSS for layout (Flexbox or Grid for arranging elements).
- C. Image inclusion and styling.

2. About Me Page

Content

- A. A section with a brief biography or introduction.
- B. An ordered or unordered list of skills (e.g., programming languages, tools).
- C. A profile picture or avatar.

Key Skills

- A. Using HTML lists for organizing content.

- B. Image handling (adding and styling profile pictures).
- C. Text formatting and styling with CSS (font styles, colors).

3. Portfolio Page

Content-

- A. A gallery or grid of projects the student has worked on.
- B. Each project should include:
 - C. A title.
 - D. A short description.
 - E. A link to view more details or the project itself.

Key Skills-

- A. Creating a table or grid layout to organize project items.
- B. Links and anchor tags for navigation to project details.
- C. CSS for styling the grid and making it responsive.

4. Contact Page

Content-

- A. A form where visitors can send messages or inquiries.
- B. Form fields should include:
 - Name (text input)
 - Email (email input)
 - Subject (text input)
 - Message (textarea)
 - Submit button

Key Skills-

- A. Building and structuring forms using HTML.
- B. CSS for form styling (input fields, buttons).
- C. Basic form validation using HTML5 attributes.

Project Guidelines

- A. *Use Semantic HTML: Structure the website using appropriate HTML tags (e.g., `<header>`, `<footer>`, `<section>`, `<nav>`).*
- B. *External CSS File: Keep all CSS in an external stylesheet to maintain separation of concerns.*
- C. *Accessibility: Ensure the site is accessible by using proper alt text for images, labels for form inputs.*
- D. *Consistent Design: Maintain a consistent design throughout the site with a cohesive color scheme, typography, and layout.*

Deliverables

Final Website: Students will submit their project as a zip file containing all HTML, CSS, and image files.

Evaluation Criteria

- A. HTML Structure: Proper use of HTML tags and document structure.*
- B. CSS Styling: Effective use of CSS for layout, design, and responsiveness.*
- C. Functionality: All links, forms, and navigation work as intended.*
- D. Design Consistency: A cohesive and visually appealing design throughout the website.*
- E. Creativity: Personalization and creativity in content, design, and features.*