Assignment #1 (Report)

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Course:

Advance Web Development

Submitted to:

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(Report)

1. Introduction:

This project is a personal portfolio website developed as part of the Advance Web Development course. It represents a simple and responsive website that showcases my skills, projects, and contact information. The portfolio is designed using HTML, CSS, and JavaScript, following modern web development practices suitable for a student-level project.

2. Objectives:

The main objectives of this project are: To create a personal portfolio website using HTML, CSS, and JavaScript. To design a clean and responsive layout suitable for all devices. – To demonstrate understanding of web design principles. To apply JavaScript for interactivity, such as dark mode and smooth scrolling.

3. Tools and Technologies Used:

-"HTML5: For website structure. "CSS3: For tyling and layout. "JavaScript: For interactive features like dark mode and smooth scroll. **VS Code:** For writing and editing code.

4. Project Features:

The portfolio website includes the following features: - Header with navigation links (About, Skills, Projects, Contact) – About section with profile picture and introduction – Skills section displaying technical skills Projects section showing sample projects Contact form for user input- Dark mode toggle button using JavaScript – Smooth scrolling effect between sections

5. Code Overview:

. The project consists of three main files:

1. index.html: Defines the structure of the website using HTML tags.

2.style.css:Handles all visual styling, colors, and layout.

3. script.js:Adds interactivity, including dark mode and smooth scroll functionality.

6. Conclusion:

This project helped in understanding the process of creating a complete, responsive website using modern web technologies. It also improved my practical knowledge of HTML, CSS, and JavaScript and strengthened my design and problem-solving skills in web development.