

Project Name: EduConnect Web Platform
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1. AI Tools Used

Primary Tool: Gemini (Google AI)

Purpose: Content generation, code structure explanation, debugging assistance, and documentation refinement.

2. Detailed Usage Report

A. Content Generation (Text & Copywriting)

How I used it: I used AI to generate the realistic text content found throughout the website, specifically within paragraphs (<p>), headings (<h1>, <h2>), and article descriptions.

Reasoning: I needed professional-sounding educational content for the "EduConnect" theme (e.g., course descriptions, instructor bios, and privacy policies) and used AI to ensure the English was polished and professional.

B. Understanding HTML5 Structure & Syntax

How I used it: I asked the AI to explain how to properly use specific form elements that I was unfamiliar with, such as <fieldset> and <legend>.

Example Prompt: *"How do I group form elements using fieldset and legend?"*

Result: The AI provided code examples which helped me structure the Registration page correctly into semantic sections.

C. Debugging & Error Resolution

How I used it: When the W3C Validator returned errors (such as the obsolete border attribute on tables or missing heading tags), I used AI to understand *why* these were errors and how to fix them using valid HTML5 standards.

Result: This helped me resolve logic errors and achieve a 100% validation score.

D. Documentation Improvement

How I used it: I used AI to help format and refine the language in my project reports (Validation Report and Browser Testing Report) to ensure they were clear, concise, and grammatically correct.

3. What We Learned

Through using these tools as a learning aid, we gained a better understanding of:

Semantic HTML: We learned why `<fieldset>` is better than `<div>` for accessibility in forms.

Code Compliance: We learned that certain attributes (like `border="1"`) are obsolete in HTML5 and should be avoided.

4. Academic Integrity Confirmation

We confirm that while AI tools were used to generate text content and assist with debugging, we strictly reviewed, understood, and tested every line of code submitted. We are fully capable of explaining the function and structure of all HTML pages in this project.