

AI Tools Usage Report

Ethical Integration of AI in Learning & Development

Tool Used: ChatGPT (OpenAI)

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1 Introduction

As part of this assignment, the use of AI tools was encouraged as a learning aid. The primary goal was to guide understanding, validate work, and support the planning process, while ensuring that all implementation and testing were conducted independently.

This report details the specific AI tools used, the methodology of their application, the learning outcomes derived from this process, and a formal confirmation of the integrity of the submitted work.

2 AI Tools Used

The project utilized a single AI tool throughout the development lifecycle:

- **Tool Name:** ChatGPT
- **Provider:** OpenAI
- **Role:** Guidance, Validation, and Planning Assistant.

3 Methodology of Usage

ChatGPT was used strictly as a guidance and checking tool, not for writing the assignment on our behalf. The specific applications included:

3.1 1. Code Requirement Validation

- Verifying that HTML code adhered to the specific requirements outlined in the assignment PDF.
- Confirming that structure, tags, and logic aligned with specifications.

3.2 2. Content Writing Assistance

- Suggesting and refining text content (headings, button labels, instructions) to improve clarity.
- *Note:* All code was written and reviewed by the team; AI was used only to polish the displayed text.

3.3 3. Task Planning & Timeline Creation

- Assisting in breaking down the project into smaller, manageable tasks for team members.
- Outlining a realistic timeline for deliverables and submission preparation.

3.4 4. Requirements Validation

- Checking against assignment requirements before each milestone to ensure no features were missed.

3.5 5. Report Writing Guidance

- Reviewing documentation for clarity and compliance with academic writing guidelines.

3.6 6. Core Web Vitals & Performance Analysis

- Explaining technical concepts such as LCP (Largest Contentful Paint), FID (First Input Delay), and CLS (Cumulative Layout Shift).
- Guiding the presentation of performance findings.

4 Learning Concepts & Outcomes

Using ChatGPT facilitated the learning of several key concepts:

4.1 I. Technical Understanding

- Enhanced comprehension of semantic HTML and best practices.
- Deeper understanding of how to structure code to meet specific constraints.
- Acquired knowledge on evaluating website performance using Core Web Vitals.

4.2 II. Project Management

- Improved ability to plan tasks logically.
- Experience in distributing responsibilities effectively among team members.
- Skills in creating and adhering to a clear project timeline.

4.3 III. Writing & Communication

- Improved clarity in technical documentation and reporting.
- Better articulation of complex technical concepts.

5 Confirmation of Understanding

We formally confirm the following:

- We wrote all code ourselves and possess a full understanding of every line submitted.
- AI tools did **not** write the project; they served solely to guide the thought process and validate requirements.
- We are fully prepared to explain the implementation in detail and answer any questions regarding the code structure and logic during assessment.

6 Conclusion

AI tools provided valuable support in planning, checking, and understanding key concepts. However, the implementation, testing, debugging, and final submission remain entirely the original work of the team. These tools acted as assistants, not authors, throughout the development process.