Training Day 6 Report

25 June 2025

The sixth day of Web Development training focused on introducing HTML tables and how to use them to display structured data. We also briefly revised semantic HTML elements to build meaningful page layouts.

Working with HTML Tables

HTML tables are used to organize data in rows and columns. We explored table structure, formatting, and common use cases.

1. Table Structure

<table>: Defines the table

<tr>: Table row

<th>: Table header

<td>: Table data cell

Attributes Used: border, colspan, rowspan, cellspacing, cellpadding

2. Semantic HTML Recap

Reviewed semantic tags like <header>, <nav>, <section>, <article>, <aside>, <footer>

Discussed the importance of writing accessible and readable code

3. Hands-on Practice

Created a timetable using HTML table elements

Used colspan and rowspan for merging cells

Applied basic styling to tables using inline and internal CSS

Recreated a web page layout using semantic tags

4. Relevance to Project

Tables can be used in the portal to display lists of alumni, their details, event records, and contact directories. Semantic HTML will help maintain code clarity as the portal grows in complexity.

<u>5. Learning Outcomes</u>

Learned how to create and style tables using HTML and CSS

Practiced organizing content for better presentation

Reinforced the importance of semantic structure in HTML documents

By: Rida

URN: 2302647

CRN: 2315192

D3 (CSE-D)