

Training Day 4 Report

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Topic: Introduction to HTML and Page Structure

The fourth day of training introduced the foundational elements of web development through HTML. We explored how markup forms the structural backbone of web pages and began crafting simple but functional content using tags and attributes.

Key Areas Covered

1. Understanding HTML

- HTML stands for HyperText Markup Language.
- It is the standard language for creating and structuring web content.
- HTML uses elements enclosed within angle brackets to define content behavior.

2. Basic Page Structure

- `<!DOCTYPE html>` – Declares document type and version.
- `<html>` – Root element enclosing the entire page content.
- `<head>` – Contains meta data, title, and links to resources.
- `<body>` – Main visible content displayed in the browser.

3. HTML Tags Explored

- `<h1>`{`<h6>` – Headings with decreasing size and importance.
- `<p>` – Paragraph for text blocks.
- `
` – Line breaks; `<hr>` – horizontal rules.
- ``, `` – Emphasis and bold styling.

4. Introduction to Attributes

- `id`, `class`, `style` – used for styling and targeting elements.
- `title` – tooltip on hover.
- `alt` – alternative text for images (introduced as prep for later image tags).

Hands-On Practice

Created a simple personal webpage that included:

- Title, heading, and descriptive paragraph.
- Tried out emphasis tags and horizontal rules.
- Structured content using appropriate line breaks and indentation.

Key Takeaways

- HTML lays the groundwork for all web content.
- A clear understanding of structure improves content organization and future styling.
- Tags and attributes bring control and meaning to design and accessibility.
- Practicing markup manually builds familiarity with syntax and browser behavior.