Training Report - Web Development Training

Day 4: HTML Tables

Date: 10/6/24

Summary of the Day: On the fourth day of our web development training, we focused on HTML tables. We learned about various table elements and attributes, and how to create and format tables to display data. The day was informative, adding another important tool for organizing and presenting data on web pages.

Detailed Notes:

1. HTML Table Elements:

- **Table (`<table>`):**
    - The `<table>` tag defines an HTML table.
    - Example:

```
<table>
  <!-- table content goes here -->
</table>
```

- **Table Row (`<tr>`):**
    - The `<tr>` tag defines a row in a table.
    - Example:

```
<tr>
  <!-- table cells go here -->
</tr>
```

- **Table Header (`<th>`):**
    - The `<th>` tag defines a header cell in a table.
    - Header cells are bold and centered by default.
    - Example:

```
<th>Header</th>
```

- **Table Data (`<td>`):**
    - The `<td>` tag defines a standard data cell in a table.
    - Example:

```
<td>Data</td>
```

- **Table Caption (<caption>):**
    - The <caption> tag defines a table caption.
    - Example:

```
<caption>Table Caption</caption>
```

2. HTML Table Attributes:

- **Border:**
    - Adds a border around the table and its cells.
    - Example:

```
<table border="1">
  <!-- table content goes here -->
</table>
```

- **Cell Padding:**
    - Specifies the space between the cell content and its borders.
    - Example:

```
<table cellpadding="10">
  <!-- table content goes here -->
</table>
```

- **Cell Spacing:**
    - Specifies the space between cells.
    - Example:

```
<table cellspacing="5">
  <!-- table content goes here -->
</table>
```

Reflection: Today's session was particularly useful in learning how to organize and present data effectively using HTML tables. Understanding the various table elements and attributes will help in creating more structured and readable web pages. The practical exercise of integrating a table into our existing HTML page reinforced these concepts. I am eager to learn more about styling these elements with CSS in the coming sessions.