Training Day 3 Report:

Date: 7 June 2024

Location: Science & Technology Entrepreneurs' Park

Project Title: *How to Link Different Web Pages using HTML*

The main objective of Day 3 was to create **multi-page websites** using hyperlinks. This session built upon the foundational knowledge of HTML elements and introduced inter-page linking to simulate real-world website structures. We learned how individual HTML pages can be connected to form a complete and functional website. Through live demonstrations and a hands-on mini project, we focused on linking, navigation menus, and consistent layout design.

Concepts Practiced:

Anchor Tags

- The anchor tag `<a>` is the primary HTML element used to create hyperlinks between web pages.
- Syntax used:

```
<a href="page.html">Page Name</a>
We explored different types of links: internal links (within the same website),
external links (to other websites), and email links using `mailto:`.
```

Emphasized the importance of using descriptive link text for accessibility and SEO.

Relative vs Absolute URLs

- Relative URLs refer to files within the website folder structure (e.g., `hobbies.html`).
- Absolute URLs specify full web addresses (e.g., `https://example.com`).
- We practiced linking both ways and discussed when to use each.

Navigation Menus

- Created consistent navigation bars using `<nav>` containing multiple anchor tags.
- Ensured that navigation menus appeared on every page for seamless browsing.
- Styled menus with CSS to enhance user experience.

Target Attribute

- Learned to use the `target` attribute in anchor tags to control where links open.
- Example: `target="_blank"` opens a link in a new browser tab or window.
- Discussed best practices for usability and security when opening new tabs.

Linking to Sections within a Page (Anchor Links)

- Introduced fragment identifiers using `id` attributes and `href="#section-id"` links.
- This enabled quick navigation to specific parts of a long webpage.

Hands-on Mini Project:

- Built a simple 3-page website: Home, About, and Contact pages.
- Implemented a navigation menu linking all pages using relative URLs.

- Added internal anchor links to jump to different sections within a page.
- Styled the navigation bar with basic CSS for a clean, consistent look.

Additional Topics Covered:
- Proper folder and file organization to ensure links function correctly.
- Troubleshooting broken links and using browser developer tools to debug.
- Discussed accessibility considerations, such as using `title` attributes on links for additional context.

Sample Code Snippet:

```html
```

Welcome to My Website

Home   About   Contact

Introduction

This is the homepage of our simple multi-page site.

Jump to the [Contact Section](#) below.

Contact Us

You can reach us via email or phone.

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