

Day 11

Today's session was focused on two main goals:

1. Refining and improving our “Taskbuddy” project by revisiting some of its features and discussing enhancements.
2. Conducting an open doubt-clearing session, where all learners brought up questions related to HTML, CSS, JavaScript, and general web development practices.

Work on Taskbuddy Enhancements:

- Refactored JavaScript code for better readability and performance.
- Improved input validation to prevent empty tasks.
- Discussed the importance of separating concerns in code.
- Clarified how themes work using CSS variables and JavaScript integration.
- Explored potential new features to add later:
 - LocalStorage to save tasks across sessions.
 - Task priority indicators.
 - Edit/delete task functionality.

Doubt-Clearing Topics Covered:

Topic	Summary
HTML Semantic Tags	Clarified the use of tags like <main>, <section>, <article>, and why they matter for accessibility and SEO.
CSS Specificity	Explained how inline > internal > external CSS works, and how to manage conflicts.
Responsive Design	How to make websites look good on mobile using media queries and flexible units (% , vh, vw, rem).
DOM Manipulation	Discussed querySelector, addEventListener, and data-* attributes used in JavaScript.
Event Handling	Common bugs in click and input events were addressed with practical examples from Taskbuddy.

Summary:

Today's class helped deepen my understanding of both the technical implementation of a project and the soft skill of problem-solving. Being able to ask doubts, see other's code, and work on improving the Taskbuddy project collaboratively was extremely insightful. It reminded me that learning web development is not just about writing code, but about improving it, understanding it, and building better together.