Day 5 - Forking and Branching in Git & GitHub

Date: 01 July 2025

The Day 5 session of the Web Development Training focused on understanding and working with forking and branching in Git and GitHub — essential features for collaborative and organized development.

Key topics covered included:
• The concept of forking and its role in open-source contribution.
• How to fork a repository on GitHub and work independently without affecting the main project.
• Understanding branches and why they are important for isolating new features or fixes.
• Creating, switching, merging, and deleting branches using Git commands.
• Managing pull requests (PRs) to contribute changes back to the main repository.
• Resolving merge conflicts and maintaining clean code histories.

During the hands-on practice, participants created branches for feature development, experimented with forking repositories, and performed pull requests to simulate real-world collaborative workflows. This session built a solid foundation for version control and team collaboration using Git and GitHub.