

## **Day 4 - Introduction to Git and GitHub**

Date: 30 June 2025

The Day 4 session of the Web Development Training introduced participants to Git and GitHub, two essential tools for version control and collaborative development. The session emphasized how Git helps track changes in code and how GitHub provides a platform to store, share, and manage projects online.

Key topics covered included:

- Understanding the concept and importance of version control systems (VCS).
- Installing and configuring Git on local machines.
- Learning basic Git commands such as init, add, commit, status, and log.
- Creating repositories on GitHub and linking them with local Git repositories.
- Understanding branches, commits, and merging workflows.
- Pushing and pulling changes between local and remote repositories.

In the hands-on segment, participants practiced creating repositories, making commits, and syncing their local projects with GitHub. The session concluded with a discussion on the best practices for team collaboration and maintaining clean commit histories.