DAY 3 SUMMARY

1. Technical Orientation & Internship Project

1.1 Overview and Hands-on Practice on Git Bash

The session began with an introduction to Git Bash and its importance in software development. Students learned how Git Bash provides a command-line interface to interact with Git and manage version control efficiently. Hands-on practice included essential Git commands such as initializing a repository, checking status, adding files, committing changes, viewing logs, and understanding how version history is maintained. This helped students understand how developers track and manage code changes in real-world projects.

1.2 Understanding and Using GitHub

Students were introduced to GitHub as a cloud-based platform for hosting Git repositories and enabling team collaboration. The session covered how to create repositories, push local code to GitHub, clone repositories, and make updates. Concepts like commits, pull requests, and repository collaboration were explained to show how multiple developers can work on the same project efficiently. This gave learners practical exposure to how code is stored, shared, and reviewed in industry environments.

1.3 Scrum and Agile Methodology Overview

The session also included a comprehensive overview of Agile methodology and the Scrum framework. Agile was explained as an iterative and flexible approach to software development that focuses on delivering small, working increments of software frequently. Key Agile values such as collaboration, adaptability, and customer feedback were discussed.

Scrum roles — Product Owner, Scrum Master, and Development Team — were introduced along with important ceremonies like Sprint Planning, Daily Stand-ups, Sprint Review, and Sprint Retrospective. Artifacts such as the Product Backlog and Sprint Backlog were also explained. This helped students understand how modern software teams organize work, track progress, and continuously improve their development process.