**GIT – HUB**

Git is an open source project management application. Git is also a distributed version control system, meaning that each team member has a copy of the entire project, including the project’s revision history, on their computer. Each copy is known as a repository.

GitHub is a popular online hosting service for Git repositories. With Git, you must use the command line to manage your project. But with GitHub, you can perform these tasks with the click of a mouse through GitHub’s graphical user interface (GUI). GitHub also provides useful collaboration features like wikis and bug tracking.

In a typical GitHub workflow, updating a repository involves using GitHub’s branching system. All files in a GitHub repository reside in branches, or separate lines of development. Teams designate one branch as the main branch, the one that stores the finished, deployable code. Users create separate branches to work on new features or edit existing code, then integrate these changes into the main branch.

**Git is an open-source command-line-based version-control system for software development. While Git is a command-line tool and you also need to host and maintain a server on which you can use Git for versioning.**

GitHub is a repository hosting service that uses Git. GitHub provides a web-based hosting service with a graphical user interface(GUI) and git command line interface (CLI). It also provides access control and several collaboration features, such as wikis and basic task management tools, for every project. GitHub provides cloud storage for source code, supports all popular programming languages, and streamlines the iteration process. GitHub includes a free plan for individual developers and for hosting open-source projects.