Version control is a system that helps developers manage changes to source code over time. With version control, I can track every change made to a project, who made it, and when. This is essential when working in teams, because it allows multiple developers to collaborate without overwriting each other’s work.

The most widely used version control system today is Git. It supports branching and merging, which means I can create isolated environments to develop new features or fix bugs, and then merge those changes back into the main codebase once they’re tested and approved.

Version control also provides a safety net. If something breaks, I can roll back to a previous stable version.

Visual Studio Code comes with a built in Git management system that uses a Graphical User Interface. It is however still indispensable to know and understand the Git commands, this one for example, is used to stage a change:

git add newFile.txt

In this case, I key in the command in a console opened in the exact file location of “newFile”