**GitHub**

* **What is GitHub?**

An open source platform allowing for contribution in solving problems and building software. It is a web-based **git** repository hosting service.

* Git; source code management system or software. You can run git commands from command lines or CMD or use its own command line tool, known as “git bass”.
* **Terminologies and meanings**
* Open issue; Discussion threads where people can report bugs, request features or just as questions.
* Repository; Centralized storage location that can allow collaborative development and its management. Like a folder for your personal projects or collaborative ones. Recommendation: Include a README, or a file with information about your project.
* You can discuss and manage your project's work *within* the repository.
* You can see track which changes made by developers in codes or files.
* Branching; Ensure to not mess with the master project. We use branches to experiment and make edits before committing them to master. When you create a branch off the master branch, you’re making a copy, or snapshot, of master as it was at that point in time.
* The main branch — the one where all changes eventually get merged back into, and is called master. It’s the final version of your work. This is the official working version of your project, and the one you see when you visit the project repository at github.com/yourname/projectname.
* **“Don’t mess with the master”**: If you make changes to the master branch of a group project while other people are also working on it, your changes will ripple out to affect everyone else