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**GITHUB**

GitHub is a web-based platform that was invented by 4(four) developers namely: Tom Preston-Werner, Scott Chacon, Chris Wanstrath and P.J. Hyett in February, 2008. It was built to enable developers’ download, review and evaluate each other’s work. It is a platform for version control and collaboration. Version Control is a component of Software Configuration Management for managing changes to computer programs, documents, large websites or other collections of Information. GitHub allows you to keep track of the history of a project and allows you and others to work together on projects from anywhere at the same time. On 26th October, 2018 Microsoft finalized the deal to acquire GitHub and bought GitHub. There are some essentials in GitHub like repositories, branches, commits, and Pull Requests.

REPOSITORIES: Repositories can contain folders and files, images, videos, spreadsheets, and data sets. It should also contain a file with information about your project. It is used to organize the project.

BRANCHES: This is used to work on different versions of a repository at the same time. Developers keep branches to show the corrections they made (bug fixes). When a change is eventually made the branch is merged to the main. The main is the original repository that was created.

COMMITS: On GitHub, saved changes are called commits. Each commit has an associated commit message. Commit messages say why a particular change was made. It keeps the history of all changes made so other contributors can obtain what really happened

PULL REQUESTS: This is used to propose that a contributor reviews your project. This is where the main collaboration comes in. Note that, you do not need to finish your project before you can open a pull request.