What is GitHub? When was it created? Why? By who? What similar platforms exist? Why would you use such a platform?

Github is commonly used when a team of developers are working on a project, to back up and save code, as a social platform for developers and many other reasons.

Github is a version control repository hosting service for developers. The development of GitHub began in October of 2007 and launched in April of 2008. It was founded by a software developer named Tom Preston-Werner. A git command line interface is used to interact with the service. Similar platforms incude: Gitlab and Beanstalk.

**Repository**: A directory that stores your multiple file, usually code, and initializes version control of those files.

**Commit**: When you commit, you are saving a snapshot of the repository in that moment in time. That way if you need to look back at your code, you can look at the formed timeline of all the changes made to it.

**Push**: This command pushes (or transfers) your commits to a remote server or your local repository.

**Pull**: This command pulls in changes made to a file in the remote server and merges it with the saved file in your repository.

**Branch**: A branch is a snapshot of the repository that is contained in the repository. It does not affect the master branch, allowing you to edit or make changes without disrupting or changing the master branch.

**Pull request**: This is a request submitted by a user that proposes a change to file and can be accepted or denied by other collaboratories of the project.

**Fork**: A personal copy of another user’s file that allows you to make changes to it without affecting the original. You can update the forked file with the changes made to the original and you can submit a pull request to the owner of the file with the changes you’ve made.

**Merge**: This command takes a branch, from a fork or the same repository, with any changes made to it and merges it with the main branch.

**Clone**: This is a copy of a repository on your personal computer instead of on a website’s server.