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Part 3

What is GitHub?

GitHub is a Web-based Git repository hosting service. It offers version control and source code management. It also has it’s own features such as bug tracking, feature requests, task management etc.

When was it created? Why? By who?

Development of the GitHub platform began on October 1, 2007. It was created to help the developers to work together for the same project and manage their source code. The site was launched in April 2008 by Tom Preston- Werner, Chris Wanstrath, and PJ Hyett after it had been made available for a few months prior as a beta period.

What similar platforms exist?

Bitbucket, Readmine, Launchpad etc

Why would you use such a platform?

The platform would help me manage my project and source code, also it will bring my project for the community to access.

**Part 5:**

Define the following terms in the context of Git (2 lines maximum):

* Repository

A **git repository** contains, among other things, the following: A set of commit objects. It’s basically the working space/directory

* Commit

Commit applies all the changes and finalize/confirm them.

* Push

Send the changes to the repository.

* Branch

A branch in Git is simply a lightweight movable pointer to one of these commits.

* Fork

A **fork** is a copy of a repository. **Forking** a repository allows you to freely experiment with changes without affecting the original project.

* Merge

Merge is to combine the different versions of the code together.

* Clone

Clone is to copy a repository

* Pull

In its default mode, **git pull** is shorthand for **git fetch** followed by **git**merge FETCH\_HEAD .

* Pull request

**Pull** requests let you tell others about changes you've pushed to a**GitHub** repository.

**Part 7:**

1. git clone <https://github.com/paceuniversity/courses>

**2. git add .**

**3. git status**

**4. git commit –m “changes are made Mylo added”**

**5. git status**

**6. git push orgin master**