Nicholas Vallarelli

CS 389

GitHub was created by Tom Preston-Werner, PJ Hyett, Chris Wanstrath, and Scott Chacon on April 10, 2008. It was created in order to allow people to store their code and other projects on the site safely. A user can allow other people to access said code in order to work on it as well. Similar repositories include GitLab, BitBucket, SourceForge, and Launchpad. I would use GitHub in order to store a large project of mine. I have had issues with my computer breaking down which has made me lose a lot of data. By using GitHub, I have a safe place to store all of my work.

Definitions:

* Repository: A collection of files and folders with all of their history
* Commit: How the history appears, exists as a linked-list relationship
* Push: How people can upload repositories
* Branch: Multiple lines of development
* Fork: A copy of a repository
* Merge: Taking lines of code and putting them into a single branch
* Clone: Targeting an existing repository and copying it
* Pull: To download code from a remote repository and updating a local repository to match that repository
* Pull request: Submitting contributions to an open development project