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GitHub Assignment:

**Part 3:**

GitHub is another version of google docs, where developers are allowed to share codes to other developers on the team. This allows other developers to edit or fix syntax errors in the code. GitHub was created in 2008. The purpose of GitHub as mentioned before was to provide a convenient method to communicate with other team members on the project. For example, if a team was creating an app, placing the code in an open source likewise GitHub made it easier for other developers to put their inputs on the code. Google docs is similar to GitHub which makes it easier for other team members to edit the team’s documentation for the project.

**Part 4**

* Repository: contains all the files of the project, including documentation and keeps track of the edits made in the file.
* Commit: another term for revision, which is an individual change of the file or the set of files. Every time someone saves a file, Git creates a different ID which helps other team members know who and when the changes were created.
* Push: sending your changes to a repository, if you wish the other team members to access these changes you would be encouraged to use the push method.
* Branch: allows users to create changes without affecting the live version, and when the user wants to display his or her changes of the file. The person will merge the branch back into the master branch, which allows to publish the person’s changes.
* Fork: personal copy of the other team member’s repository. Allows user to make changes in the project without affecting the original project.
* Merge: This method allows the changes made from the repository to be applied to into another repository.
* Clone: a copy of the repository that is saved in the computer instead on the website’s server.
* Pull: fetching changes and merging those changes into the project since the user want the changes in his or her local copy.
* Pull request : these proposed changes for the repository’s owner to either reject or accept these changes in his or her own repository.