**Mobile Innovations Assignment**

What is GitHub?

Github is a version control system which is used by multiple developers in a group/team/organization to maintain the codebase and push updates efficiently. Github also allows users to share the code to the community.

When and why it was created and By Who?

Launched: April 10, 2008. Founded on: February 08, 2008. It was created to provide basic and high-level management for the projects. Github was founded by Tom Preston-Werner.

What similar platforms exist?

Following are the platforms:

1. Codeville
2. Apache Subversion (SVN)
3. GIT

Why would you use such a platform?

Github is used to access control and various features like wikis and other task management tools. It is also a hosting service to share code throughout the world.

Define the following:

1] Repository: Repository is a central place where files are stored in an organised way.

2] Commit: Commit is used to save file changes to the repository.

3] Push: Push command is used to send code changes to the remote repository.

4] Branch: Branch command allows user to create a fork of the repository. Master branch files aren’t affected when you change a branch file.

5] Fork: Fork command is used to creating a copy of code someone has posted on github.

6] Merge: Merge command is used to combine commits into one file.

7] Clone: Clone is used to duplicate a repository of the code provided by the source.

8] Pull: Pull command is used to update the latest code of the remote repository.

9] Pull request: Pull request is used to let authorized user review the code changes user has posted.

Pull Request:

1] Fork the repository.

2] Clone it in the my computer

3] Update Readme.md and push it in the forked repository.

4] Create a pull request.