Git Hub Process Document

Version:

1.0

# Purpose:

Provide an introductory-level standardized process for using and collaborating on the project using version control system Git Hub.

# Repository URL:

<https://github.com/tens91/InterProj>

# Prerequisites:

* Github CLI installed (command line interface) tool (eg: GitBash for Windows)
* Sign in with your github account

# Steps:

## Downloading and accessing the repository

1. Create a folder somewhere on your device to download the repository (mine is in ~/Documents/College/project)
2. Change the directory in the CLI using the *cd* command to the project folder
3. Copy the repository to your computer using *git clone <repository URL>*
4. Enter the repository folder using the cd command (cd InterProj)

## Using Branches:

Changes to the repository should not be made to the Master Branch (the main branch that the project is contained in), so we must create a new branch. This makes your clone a “copy” of the master branch that when changes are made, they do not affect the main project.

1. Use git branch command to list active branches
2. Create a new branch with git branch <new-branch-name>

Best practice when creating branches is to describe the purpose of the branch, i.e: fixing a bug, adding a new feature, etc. We can do this using a standardised format whereby you start the branch name by stating if it’s a bug fix or new feature with ‘bug/’ or ‘feature/’ followed by a very short description (keep it short and sweet as you will need to re-type it several times in the process). Some examples:

* bug/fix-list-alignment
* feature/password-encryption