**Guideline to use Git from command line**

# Set up environment for git.

* 1. Install Git from URL: <https://git-scm.com/downloads>
  2. Verify that git install correctly by executing below command.

*git --version*

# Creating remote repository

* 1. Create new repository from any version control system like GitHub, BitBucket etc...
  2. Note down the Git URL like below: https://github.com/ankitkiwiqa/frameworkDemo.git

# Initialize local repository and push code to remote repository.

* 1. Open git bash command line:

Navigate to working directory by executing below command:

cd E:\Projects\Web\_demo\GitDemo\POMframework\_Demo

* 1. Initialize local directory using below command:

git init

* 1. Prepare all file to commit in local repository (here **.** in last of command means all file in directory).

git add .

* 1. Commit files to local repository.

git commit --all –m “Initial framework commit”

--all = Tell the command to automatically stage files that have been modified and deleted, but new files you have not told Git about are not affected.

–m = commit message

* 1. Add remote repository by executing below command:

git remote add origin https://github.com/ankitkiwiqa/frameworkDemo.git

* 1. Push local commit to added remote repository with below command. Enter username and password when ask to enter:

Git push origin master

# Create branch and push it to remote repository.

* 1. Create branch :

git branch <new branch name>

e.g git branch chrome

* 1. Verify branch is create:

git branch --list

* 1. Switch working branch using below command:

git checkout <branch name to switch>

e.g git checkout chrome

* 1. Execute below command to see the working tree status like which files are modified and not committed yet.

Git status

* 1. Modify code and commit it by below command.

git commit --all –m “Updated code to add chrome browser.”

* 1. Now push branch to the remote repository. Enter username and password when ask to enter.

Git push origin <branch name>

e.g Git push origin chrome