S-Mart: GitHub Instructions

1. Download and install git software and get Git Bash simultaneously (should be included in the default download/install version of git).

<https://git-scm.com/downloads>

1. Open Git Bash from the Start Menu. It is a console program to access command line.
2. Change directory – use this to navigate your file system.

Navigate to the folder / directory where you wish to clone (download) the project by using the **cd** command.

**NOTE:** do not type the $ as it is meant to represent the Git Bash console input

Example:

|  |
| --- |
| $ cd C:/path/of/directory/to/view |

To view the folders in the current directory and to traverse the file system, use the **ls** command.

Example:

|  |
| --- |
| $ ls |

1. Clone (download) the GitHub repo to your local directory.

Repo Link: <https://github.com/dwilldev/s-mart.git>

|  |
| --- |
| $ git clone https://github.com/dwilldev/s-mart.git |

1. Create your own branch so that you don’t accidently overwrite anything on the Master branch which is the most current working version of the project.

|  |
| --- |
| $ git checkout -b name-of-branch |

1. Open Window File Explorer and ensure the GitHub project downloaded and go do your development, research, etc. having a fresh, current version of the project.
2. Upload your changes **after having made sure your changes were added to your personal folder** in the **it\_team** directory of the project.

This takes a couple sub-steps.

Check the status of your changes and **ensure that ONLY the necessary files** are staged for committing.

If unstaged, the files / directories will be red.

If staged, the files / directories will be green

|  |
| --- |
| $ git status |

Next, add any red files to staging that should be uploaded to GitHub.

Add all red folders / files…

|  |
| --- |
| $ git add . |

Add individual red folder / files… replicate the path you see after **status** command

|  |
| --- |
| $ git add folder/or/file/path.docx |

Run the **status** command again to ensure the appropriate files are now green in text color.

1. Commit (“finalize”) the changes if you are ready to upload.

|  |
| --- |
| $ git commit -m “put some sort of message between double quotes to describe the changes this upload will create / cause regarding the project” |

1. Push (upload) your changes to GitHub.

**NOTE:** It may require you to enter your GitHub repo to push.

|  |
| --- |
| $ git push origin |