

# Weekly Progress Week:1

## Git and Version Control

- **Introduction To Git**

It helps us manage our project files, where project files can be our assets folder,css files,javascript files, HTML file(in Web Development Context).Git helps in 3 important things

- 1)History
- 2) Collaboration
- 3) Feature Branches

Git is an Industry Standard and Help manage and organize code.

- **Basic Git Vocab**

Repository – Project(Working directory)

Staging- Controlling what we commit

Commit – Gits way of ‘saving’

Push- Pushing our changes from our laptop to an online repo like Github

Pull – Pulling from the online repository and putting it locally

Clone – copying a existign repositoryfrom a server to our computer hard drive

- **Installed Git from git-scm.com**

- **Important Terminal Commands**

mkdir -make directory

cd – change directory

git innit – creating a git repository.

Touch “filename.ext” – to create a file.(npm install touch-cli -g)

git status – to see changed files

git add filename – to add to staging area

git add -A – Stage all files

git commit -m “commit message - to commit the added files

git checkout – : to restore to the last commit

git clone githublink : to clone

git remote add origin <https://github.com/KevinMathewTh/ISA.git> – to change the orgin online repository

git push origin master – to push the cd into the online repository (github)

- **Created Github account**

username :KevinMathewTh

- **Created a Online Repository in Github**

Name:ISA

- **Pushed** the complete frontend and backend “Login Page System”

available in <https://github.com/KevinMathewTh/ISA>

