

CSE702025: Software Engineering

Lab 1: Git & Github

Objective

- To introduce students to understand Git & Github.
- To instruct studenst to use Git & Github as a primary tools for versioning their projects' source code.
- To instruct students use markdown as a language to write some guideline documents.



Activity 1 – Installing Git

- Following guideline on Gitbook (https://git-scm.com/book/en/v2), section 1.5 install Git on your personal computer:
 - After installing, upload a screenshot of the (Powershell/Git Bash) after running 'git version' command to canvas.

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Activity 2 – Firttime Git setup

- Following guideline on Gitbook (https://git-scm.com/book/en/v2), section 1.6 to configure your Git's identity:
 - After configuring, upload a screenshot of the (Powershell/Git Bash) after running 'git config --list' command to canvas.

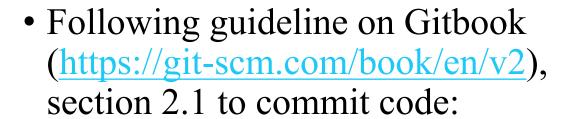


Activity 3 – Create a Local Git Repository

- Following guideline on Gitbook (https://git-scm.com/book/en/v2), section 2.1 to create and initialize a git repository on your computer:
 - Create a folder 'mssv_git_practices' on your computer
 - Create a file name "README.md" with the first line "# Git & Github Practices"
 - o Initialize a git repo for the folder.
 - o upload a screenshot of the (Powershell/Git Bash) after running 'git status' command to canvas



Activity 4 – Commit code



- Run following commands:
 - o git add README.md
 - o git commit –m "Add README file"
- upload a screenshot of the (Powershell/Git Bash) after running 'git status' command to canvas

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Activity 5 – Create a Github account

- Access Github (https://github.com/), and sigup one account
 - Upload your git profile to canvas

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Activity 6 – Create a Remote repository on Github





