Git Command

1. git init: to create the repository, The init command will initialize an empty repository

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Description automatically generated

1. git config: This command configures the user. The Git config command is the first and necessary command used on the Git command line. This command sets the author name and email address to be used with your commits. Git config is also used in other scenarios

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Description automatically generated

1. git clone: This command is used to make a copy of a repository from an existing URL. If I want a local copy of my repository from GitHub, this command allows creating a local copy of that repository on your local directory from the repository URL.

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Description automatically generated

1. git status: check the status of the gits. The status command is used to display the state of the working directory and the staging area. It allows you to see which changes have been staged, which haven't, and which files aren’t being tracked by Git. It does not show you any information about the committed project history. For this, you need to use the git log. It also lists the files that you've changed and those you still need to add or commit.

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Description automatically generated

1. git add fileName.txt: add the file to the commit area. This command is used to add one or more files to staging (Index) area

A screenshot of a computer

Description automatically generated

1. git commit -m: This command changes the head. It records or snapshots the file permanently in the version history with a message. git commit -m “a message you want to attach”: push the file to the master branch

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Description automatically generated

* git commit -a: This command commits any files added in the repository with git add and also commits any files you've changed since then.

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Difference between git commit -m and git commit -a

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1. git add –all: add all changed files into the commit areas
2. git push –set-upstream origin master: this is the first push, next time we just use git push. It is used to upload local repository content to a remote repository. Pushing is an act of transfer commits from your local repository to a remote repo. It's the complement to git fetch, but whereas fetching imports commits to local branches on comparatively pushing exports commits to remote branches. Remote branches are configured by using the git remote command. Pushing is capable of overwriting changes, and caution should be taken when pushing.

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1. git checkout -b branch1: create a new branch named branch1
2. git checkout master: switch to master branch
3. git branch: This command lists all the branches available in the repository.

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1. git merge BranchName: This command is used to merge the specified branch?s history into the current branch.

A close-up of a name

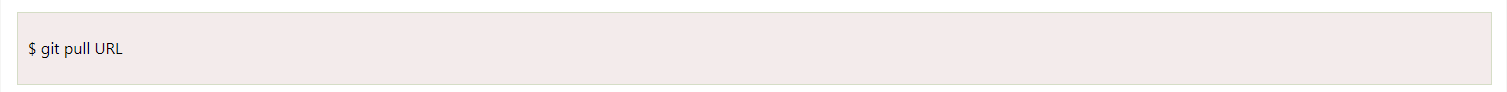
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1. git log: This command is used to check the commit history.

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1. git pull: pull from server to local. Pull command is used to receive data from GitHub. It fetches and merges changes on the remote server to your working directory.



Agile

A diagram of a agile process

Description automatically generated

A diagram of a agile principles

Description automatically generated

A diagram of scrum

Description automatically generated

We use Modified Fibonacci Sequence to set the hour per user case (1, 2, 3, 5, 8, 13, 20, 40, 100)

A diagram of scrum

Description automatically generated

Sprint Review: transparent and inspection the product

Sprint Retro: transparent and inspection the method or process of working with project

Product Backlog refined by Product Owner

Increment giao cho khach hang vi day la phan tang truong

Stakeholder

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