

Date: _____

git and Github ✓ Saw

APs

GitHub desktop } Visual Interface
Source Tree }

Branching models:-

- GitFlow, GithubFlow, FeatureFlow



Waterflow model
Development

commands :-

```
$ git --version
```

```
$ git config --global user.name "Feni Kutha-  
-motiya"
```

```
$ git config user.name
```

```
$ git config --global user.email "fenikuthamotiya-  
-19@gmail.com"
```

```
$ git config user.email
```

```
$ ls -a (hidden file)
```

```
$ pwd
```

```
$ clear
```

```
$ cd .. (go back one step)
```

```
$ cd / (go back root directory) installed dir
```

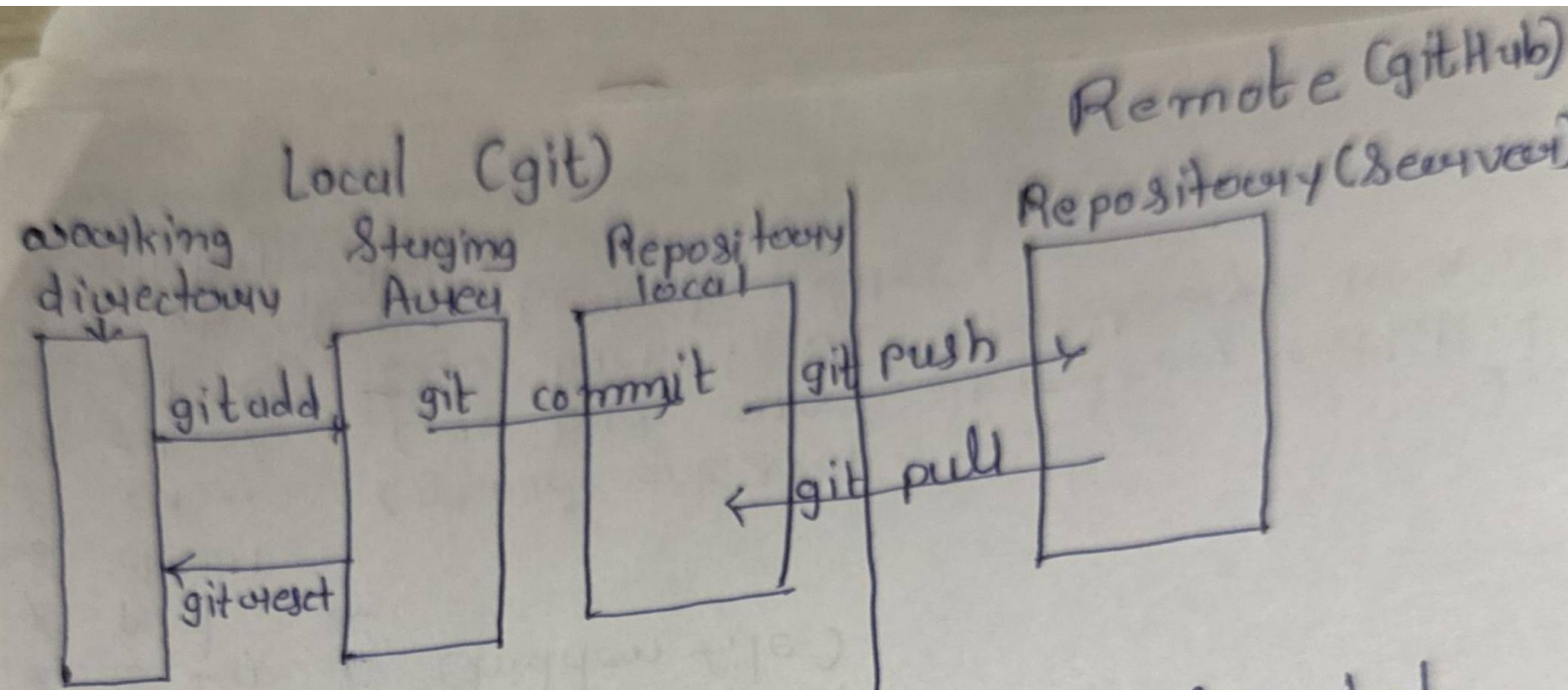
```
$ cd ~ (go back home directory) user dir
```

```
$ touch file.txt (create a file)
```

```
$ mkdir dir1
```

Matrix Telecom Solutions: Unified Communication Server, IP-PBXs, Gateways, Terminals, Convergence, Hospitality PBX, PLCC EPAX

Matrix Security Solutions: Access Control, Time-Attendance, IP Video Surveillance



GitHub personal account : four self-hosted private HA cap.

GitHub enterprise guest tool :
 SaaS, OSS, Private with EMU
 enterprise:
 munged user.

\$ git fetch (only take)
 \$ git pull (take + overwrite)

Date: _____

\$ mkdir dir1 dir2

\$ um file.txt

\$ umdir dir1

\$ um -uf directory1 (if having data)

\$ um -uf ./directory (remove forcefully)

\$ vi file1.txt (escap : x = exit file)

\$ cat file1.txt (display a file)

→ main command: (local)

\$ git init

\$ git status

\$ git add.

\$ git commit -m "commit msg"

\$ git branch

\$ git branch ~~master~~ -m master main

\$ git branch (Rename)

\$ git checkout -b dev (create)

\$ git add.

\$ git commit -m "sub branch commit"

\$ git checkout main (change branch)

\$ git merge dev (merge subbranch)

\$ git log (history) (call subbranch created)

Date: _____

Local + Remote (GITHUB)

```
$ git clone urlOfRepoInHTTPS
```

```
$ cd RepoName
```

```
$ ls
```

(Repo cloned)

```
$ git remote add origin urlRepo
```

```
$ git push origin main
```

```
$ git fetch origin main
```

```
$ git pull origin main
```

Learning Material:-

videos : ① coding saathi - Git and GitHub 7 videos

→ ~~github~~

② TechWorld with Nana - GitHub Action Tutorial - basic concept and CI/CD pipeline with Docker.

Document : ① githowto.com

② "learn.microsoft.com/en-us/training/paths/github-foundations/"
(Microsoft GitHub Foundation)