**To Create Code Repositories, Work with Various Git Commands, and Sync the Project in GitHub**

**Easy Tech Solutions Web App on GITHUB**

**Terminal**

**Creating a git-project directory on my local system**

(base) zane@Pauls-MBP Automation Engineer % mkdir git-project

(base) zane@Pauls-MBP Automation Engineer % cd git-project

**Initializing git in the git-project directory**

(base) zane@Pauls-MBP git-project % git init

Initialized empty Git repository in /Users/zane/Downloads/Automation Engineer/git-project/.git/

(base) zane@Pauls-MBP git-project % git status

On branch main

No commits yet

nothing to commit (create/copy files and use "git add" to track)

**Creating authentication flow files in git-project directory on my local system**

(base) zane@Pauls-MBP git-project % touch index.html

(base) zane@Pauls-MBP git-project % touch register.html

(base) zane@Pauls-MBP git-project % touch login.html

(base) zane@Pauls-MBP git-project % touch passwordrecovery.html

(base) zane@Pauls-MBP git-project % touch dashboard.html

(base) zane@Pauls-MBP git-project % touch ReadMe.md

**Checking the git status of the git-project directory on my local system**

(base) zane@Pauls-MBP git-project % git status

On branch main

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

ReadMe.md

dashboard.html

index.html

login.html

passwordrecovery.html

register.html

nothing added to commit but untracked files present (use "git add" to track)

**Adding all the files to my main branch in the git-project directory on my local system**

(base) zane@Pauls-MBP git-project % git add .

(base) zane@Pauls-MBP git-project % git status

On branch main

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: ReadMe.md

new file: dashboard.html

new file: index.html

new file: login.html

new file: passwordrecovery.html

new file: register.html

**Committing the files in the main branch of my local git-project directory with a comment**

(base) zane@Pauls-MBP git-project % git commit -m "initial files for authentication flow"

[main (root-commit) 25f3aa6] initial files for authentication flow

6 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 ReadMe.md

create mode 100644 dashboard.html

create mode 100644 index.html

create mode 100644 login.html

create mode 100644 passwordrecovery.html

create mode 100644 register.html

(base) zane@Pauls-MBP git-project %

**Connecting to my remote github repository**

(base) zane@Pauls-MBP git-project % git remote add origin <https://github.com/p3iyaji/git-project.git>

**Pushing my local files to the remote repo**

(base) zane@Pauls-MBP git-project % git remote -v

origin https://github.com/p3iyaji/git-project.git (fetch)

origin https://github.com/p3iyaji/git-project.git (push)

(base) zane@Pauls-MBP git-project % git push -u origin main

Enumerating objects: 3, done.

Counting objects: 100% (3/3), done.

Delta compression using up to 4 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 287 bytes | 287.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0

To https://github.com/p3iyaji/git-project.git

\* [new branch] main -> main

branch 'main' set up to track 'origin/main'.

(base) zane@Pauls-MBP git-project %