**GIT DEVELOPER TEAM DOCUMENTATION OVERVIEW**

**Overview**

This project is a simple HTML webpage designed to demonstrate basic Git operations like creating repository, pushing file to remote repositories, merging repositories, & accepting pull requests.

**Project Structure**

This project contains a simple HTML webpage for demonstrating basic Git operations.

**Instructions**

**Project-Development:**

1. Create folder

Create a Folder named Project-Development in local machine.

1. Initializing Git in Command Prompt

Open Command Prompt directly from folder or can navigate to the Project Directory.

git init

1. Create files in Project-Development

Create following file in Project-Development

index.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title> Sample </title>

</head>

<body>

<h1> This is Sample project </h1>

</body>

</html>

dockerfile

FROM ubuntu:latest

RUN apt-get update && \

apt-get install -y apache2 && \

apt-get clean

COPY . /var/www/html

CMD ["apachectl", "-D", "FOREGROUND"]

EXPOSE 80

1. Adding files to Git

git add .

Add file to git.

1. Commit the Changes

git commit -m "Created files"

Commit the changes with a descriptive message.

1. Create a GitHub Repository

Go to GitHub and create a new repository named Project-Development

1. Creating the connection between local machine and remote repository

git remote add origin <https://github.com/SucharithaSathupalli01/Project-Development.git>

1. Push the Changes to the Remote Repository

git push origin master

1. Adding Readme File to Repository and adding content to it

In GitHub, Add a Readme file.

Add the commands the used in Command Prompt for this Project.

**Project-UAT:**

1. Create folder

Create a Folder named Project-UAT in local machine.

1. Initializing Git in Command Prompt

Open Command Prompt directly from folder or can navigate to the Project Directory.

git init

1. Create a GitHub Repository

Go to GitHub and create a new repository named Project-UAT

Add a README file.

1. Creating the connection between local machine and remote repository

git remote add origin <https://github.com/SucharithaSathupalli01/Project-UAT.git>

1. Pulling file to Project-UAT

git pull <https://github.com/SucharithaSathupalli01/Project-Development.git>

Pull the data that's in Project-Development

1. Push the Changes to the Remote Repository

git push origin master

1. Adding Readme File to Repository and adding content to it

In GitHub, Add a Readme file.

Add the commands the used in Command promote for this Project.

**Project-Production:**

1. Create folder

Create a Folder named Project-Production in local machine.

1. Initializing Git in Command Prompt

Open Command Prompt directly from folder or can navigate to the Project Directory.

git init

1. Create a GitHub Repository

Go to GitHub and create a new repository named Project-Production

1. Creating the connection between local machine and remote repository

git remote add origin <https://github.com/SucharithaSathupalli01/Project-Production.git>

1. Pulling file to Project-Production

git pull <https://github.com/SucharithaSathupalli01/Project-UAT.git>

Pull the data that's in Project-UAT

1. Push the Changes to the Remote Repository

git push origin master

1. Adding Readme File to Repository and adding content to it

In GitHub, Add a Readme file.

Add the commands the used in Command promote for this Project.

**Accepting Pull Request from Jenkins Team**

**Reviewing and Merging Pull Requests:**

1. Log in to GitHub account.
2. Navigate to the Project-Development repository.
3. Click on the "Pull Requests" tab.
4. Find the pull request from the Jenkins team.
5. Click on the pull request to review the changes.
6. If the changes are acceptable, click on "Merge Pull Request" and confirm the merge.
7. Repeat steps 2-6 for the Project-UAT and Project-Production repositories.