**GIT DEVELOPER 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:**

* Create folder

Create a Folder named Project-Development in local machine.

* Initializing Git in Command Prompt

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

git init

* Create files in Project-Development

Create following file in Project-Development

Files

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Sample HTML File</title>

<style>

/\* Add your CSS styles here \*/

body {

font-family: Arial, sans-serif;

line-height: 1.6;

margin: 0;

padding: 0;

background-color: #f0f0f0;

}

header, footer {

background-color: #333;

color: #fff;

text-align: center;

padding: 1rem;

}

.container {

width: 80%;

margin: auto;

overflow: hidden;

padding: 20px;

}

main {

background: #fff;

padding: 20px;

}

</style>

</head>

<body>

<header>

<h1>Header</h1>

</header>

<div class="container">

<main>

<h2>Main Content Area</h2>

<p>This is a sample HTML file.</p>

</main>

</div>

<footer>

<p>Footer</p>

</footer>

</body>

</html**>**

* Adding files to Git

git add .

Add file to git.

* Commit the Changes

git commit -m "Created files"

Commit the changes with a descriptive message.

* Create a GitHub Repository

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

* Creating the connection between local machine and remote repository

git remote add origin <https://github.com/maheshkeshapogu/Developer.git>

* Push the Changes to the Remote Repository

git push origin master

* 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:**

* Create folder

Create a Folder named Project-UAT in local machine.

* Initializing Git in Command Prompt

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

git init

* Create a GitHub Repository

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

Add a README file.

* Creating the connection between local machine and remote repository

git remote add origin <https://github.com/maheshkeshapogu/UAT.git>

* Pulling file to Project-UAT

git pull <https://github.com/maheshkeshapogu/Developer.git>

Pull the data that's in Project-Development

* Push the Changes to the Remote Repository

git push origin master

* 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:**

* Create folder

Create a Folder named Project-Production in local machine.

* Initializing Git in Command Prompt

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

git init

* Create a GitHub Repository

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

* Creating the connection between local machine and remote repository

git remote add origin <https://github.com/maheshkeshapogu/Production.git>

* Pulling file to Project-Production

git pull <https://github.com/maheshkeshapogu/UAT.git>

Pull the data that's in Project-UAT

* Push the Changes to the Remote Repository

git push origin master

* 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:**

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