

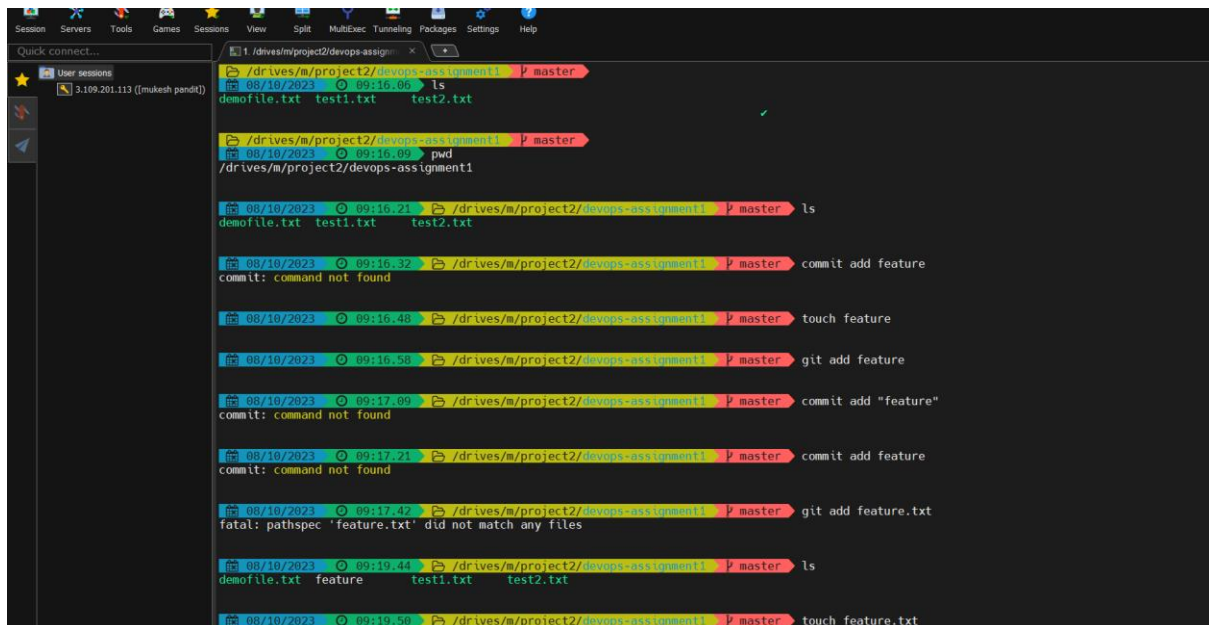
Case study assignment

Problem Statement:

You work as a DevOps Architect in Zendrix Softwares. The company has been struggling to manage their product releases. The releases should happen on the 25th of every month. Suggest a Git workflow architecture for this requirement. Simulate this workflow by creating pseudo code files and branches and upload the same to your GitHub account. As a part of the solution, share the link to your GitHub repository.

My git hub link :

<https://github.com/mukesh1998hyd/devops-assignment1.git>



```
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
Quick connect...
User sessions
3.109.201.113 ([mukesh pandit])

/drives/m/project2/devops-assignment1 P master
08/10/2023 09:16:06 ls
demoFile.txt test1.txt test2.txt

/drives/m/project2/devops-assignment1 P master
08/10/2023 09:16:09 pwd
/drives/m/project2/devops-assignment1

/drives/m/project2/devops-assignment1 P master
08/10/2023 09:16:21 ls
demoFile.txt test1.txt test2.txt

/drives/m/project2/devops-assignment1 P master
08/10/2023 09:16:32 commit add feature
commit: command not found

/drives/m/project2/devops-assignment1 P master
08/10/2023 09:16:48 touch feature

/drives/m/project2/devops-assignment1 P master
08/10/2023 09:16:58 git add feature

/drives/m/project2/devops-assignment1 P master
08/10/2023 09:17:09 commit add "feature"
commit: command not found

/drives/m/project2/devops-assignment1 P master
08/10/2023 09:17:21 commit add feature
commit: command not found

/drives/m/project2/devops-assignment1 P master
08/10/2023 09:17:42 git add feature.txt
fatal: pathspec 'feature.txt' did not match any files

/drives/m/project2/devops-assignment1 P master
08/10/2023 09:19:44 ls
demoFile.txt feature test1.txt test2.txt

/drives/m/project2/devops-assignment1 P master
08/10/2023 09:19:50 touch feature.txt
```

```
Changes not staged for commit:
  (use "git add/rm <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        deleted:    feature
        modified:   test1.txt
        modified:   test2.txt
```

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        devops-assignment1/
```

```
no changes added to commit (use "git add" and/or "git commit -a")
```

```
08/10/2023 09:27:20 /drives/m/project2/devops-assignment1 P master git branch developer
```

```
08/10/2023 09:29:25 /drives/m/project2/devops-assignment1 P master git checkout branch
error: pathspec 'branch' did not match any file(s) known to git
```

```
08/10/2023 09:29:45 /drives/m/project2/devops-assignment1 P master git checkout developer
```

```

D       feature
M       test1.txt
M       test2.txt
Switched to branch 'developer'
```

```
08/10/2023 09:30:20 /drives/m/project2/devops-assignment1 P developer $ git checkout -b branch develop
```

```
08/10/2023 09:21:52 /drives/m/project2/devops-assignment1 master git commit -m "this is feature branch to connect ti new fe
Author identity unknown

*** Please tell me who you are.

Run

git config --global user.email "you@example.com"
git config --global user.name "Your Name"

to set your account's default identity.
Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'Mukeshpandit@DESKTOP-TMI01SN.(none)')

08/10/2023 09:22:52 /drives/m/project2/devops-assignment1 master git config --global user.email "mukesh1998hyd@gmail.com"

08/10/2023 09:23:47 /drives/m/project2/devops-assignment1 master git config --global user.name "mukesh pandit"

08/10/2023 09:24:14 /drives/m/project2/devops-assignment1 master git commit -m "this is feature branch to connect ti new fe
[master dbbc18f] this is feature branch to connect ti new feature branch
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 feature
create mode 100644 feature.txt

08/10/2023 09:24:22 /drives/m/project2/devops-assignment1 master touch feature2.txt

08/10/2023 09:24:51 /drives/m/project2/devops-assignment1 master git add feature2.txt

08/10/2023 09:25:04 /drives/m/project2/devops-assignment1 master git commit -m "this is second feature branch to connct to f
[master cd5bfd0] this is second feature branch to connect to first branch
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 feature2.txt

08/10/2023 09:26:00 /drives/m/project2/devops-assignment1 master now branch
now: command not found

08/10/2023 09:26:11 /drives/m/project2/devops-assignment1 master git clone https://github.com/mukesh1998hyd/devops-assignment
Cloning into 'devops-assignment1'...
remote: Enumerating objects: 17, done.
remote: Counting objects: 100% (17/17), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 17 (delta 3), reused 10 (delta 1), pack-reused 0
Receiving objects: 100% (17/17), done.
Resolving deltas: 100% (3/3), done.

08/10/2023 09:26:47 /drives/m/project2/devops-assignment1 master git status
On branch master
Your branch is ahead of 'origin/master' by 2 commits.
(use "git push" to publish your local commits)

MobaXterm by subscribing to the professional edition here: https://mobaxterm.mobatek.net
```

Git checkout -b develop

Git checkout -b feature /new branch

Let commit

Git commit -m "new feature branch to connect"

Git push origin feature /new feature

Merg to each other

```
Mukesh pandit@DESKTOP-TMI01SN MINGW64 /m/project2/devops-assignment1 (develop)
$ git checkout -b branch develop
Switched to a new branch 'branch'
D      feature
M      test2.txt

Mukesh pandit@DESKTOP-TMI01SN MINGW64 /m/project2/devops-assignment1 (branch)
$ git push origin master
/mnt/c/Program Files/Git/mingw64/bin/git-credential-manager-core.exe store: line 1: /mnt/c/Program Files/Git/mingw64/bin/git-credential-manager-core.exe: No such file or directory
To https://github.com/mukesh1998hyd/devops-assignment1.git
 ! [rejected]        master -> master (fetch first)
error: failed to push some refs to 'https://github.com/mukesh1998hyd/devops-assignment1.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.

Mukesh pandit@DESKTOP-TMI01SN MINGW64 /m/project2/devops-assignment1 (branch)
$ git checkout develop
Switched to branch 'develop'
D      feature
M      test2.txt

Mukesh pandit@DESKTOP-TMI01SN MINGW64 /m/project2/devops-assignment1 (develop)
$
```

Git checkout -b release/2023-10 develop

```
Mukesh pandit@DESKTOP-TMI01SN MINGW64 /m/project2/devops-assignment1 (develop)
$ git checkout -b release/2023-10 develop
Switched to a new branch 'release/2023-10'
D      feature
M      test2.txt

Mukesh pandit@DESKTOP-TMI01SN MINGW64 /m/project2/devops-assignment1 (release/2023-10)
$ git checkout main
error: pathspec 'main' did not match any file(s) known to git

Mukesh pandit@DESKTOP-TMI01SN MINGW64 /m/project2/devops-assignment1 (release/2023-10)
$ git merge develop
error: pathspec 'develop' did not match any file(s) known to git
bash: git: command not found

Mukesh pandit@DESKTOP-TMI01SN MINGW64 /m/project2/devops-assignment1 (release/2023-10)
$ git merge release/2023-10
Already up to date.

Mukesh pandit@DESKTOP-TMI01SN MINGW64 /m/project2/devops-assignment1 (release/2023-10)
$ git push origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/mukesh1998hyd/devops-assignment1.git'

Mukesh pandit@DESKTOP-TMI01SN MINGW64 /m/project2/devops-assignment1 (release/2023-10)
$ git push origin --delete release/2023-10
/mnt/c/Program Files/Git/mingw64/bin/git-credential-manager-core.exe store: line 1: /mnt/c/Program Files/Git/mingw64/bin/git-credential-manager-core.exe: No such file or directory
error: unable to delete 'release/2023-10': remote ref does not exist
error: failed to push some refs to 'https://github.com/mukesh1998hyd/devops-assignment1.git'

Mukesh pandit@DESKTOP-TMI01SN MINGW64 /m/project2/devops-assignment1 (release/2023-10)
$
```

git checkout main

```
git merge release/2023-10
```

```
git push origin main
```

```
git branch origin -delete relalese/2023-10
```

```
*****completed assignment*****
```