

Module-2: GIT Assignment - 5

You have been asked to:

- Create a gitflow workflow architecture on git
 - Create all the required branches
 - Starting from the feature branch, push the branch to the master, following the architecture
 - Push a urgent.txt on master using hotfix
-



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Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner *



sachindevop ▾

Repository name *

/ assignment5 ✓

Great repository names are **assignment5** is available. Need inspiration? How about **expert-eureka**?

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:

Skip this step if you're importing an existing repository.

☐ **Add a README file**




This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore

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```
root@ip-172-31-8-89:~# git clone https://github.com/sachindevop/assignment5.git
Cloning into 'assignment5'...
warning: You appear to have cloned an empty repository.
root@ip-172-31-8-89:~# cd assignment5
root@ip-172-31-8-89:~/assignment5# touch main.txt
root@ip-172-31-8-89:~/assignment5# git add .
root@ip-172-31-8-89:~/assignment5# git commit -m "main commit"
[main (root-commit) 868819c] main commit
Committer: root <root@ip-172-31-8-89.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 main.txt
root@ip-172-31-8-89:~/assignment5#
```

i-020782bf5be19b0cc (git)

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```
root@ip-172-31-8-89:~/assignment5# git branch develop
root@ip-172-31-8-89:~/assignment5# git branch release
root@ip-172-31-8-89:~/assignment5# git branch feature1
root@ip-172-31-8-89:~/assignment5# git branch feature2
root@ip-172-31-8-89:~/assignment5# git checkout feature1
Switched to branch 'feature1'
root@ip-172-31-8-89:~/assignment5# echo this is file is edited in the feature branch and pushed up the ladder in the git workflow. >> feature1.txt
root@ip-172-31-8-89:~/assignment5# git checkout develop
Switched to branch 'develop'
root@ip-172-31-8-89:~/assignment5# git merge feature1
Already up to date.
root@ip-172-31-8-89:~/assignment5# ls
feature1.txt  main.txt
root@ip-172-31-8-89:~/assignment5# git branch -a
* develop
  feature1
  feature2
  main
  release
root@ip-172-31-8-89:~/assignment5# git checkout feature2
Switched to branch 'feature2'
root@ip-172-31-8-89:~/assignment5# echo this file is from feature 2 branch >> feature2.txt
root@ip-172-31-8-89:~/assignment5# git add feature2.txt
root@ip-172-31-8-89:~/assignment5# git status
On branch feature2
```

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```
root@ip-172-31-8-89:~/assignment5# echo this file is from feature 2 branch >> feature2.txt
root@ip-172-31-8-89:~/assignment5# git add feature2.txt
root@ip-172-31-8-89:~/assignment5# git status
On branch feature2
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   feature2.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        feature1.txt

root@ip-172-31-8-89:~/assignment5# git commit -m "feature2 commit"
[feature2 63df506] feature2 commit
Committer: root <root@ip-172-31-8-89.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:
```

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```
root@ip-172-31-8-89:~/assignment5# git add feature1.txt
root@ip-172-31-8-89:~/assignment5# git status
On branch feature1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   feature1.txt

root@ip-172-31-8-89:~/assignment5# git commit -m "feature1 file commit"
[feature1 8cf43cf] feature1 file commit
Committer: root <root@ip-172-31-8-89.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 feature1.txt
root@ip-172-31-8-89:~/assignment5#
```

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
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```
root@ip-172-31-8-89:~/assignment5# git checkout develop
Switched to branch 'develop'
root@ip-172-31-8-89:~/assignment5# git merge feature1
Updating 868819c..8cf43cf
Fast-forward
 feature1.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 feature1.txt
root@ip-172-31-8-89:~/assignment5# git merge feature2
Merge made by the 'ort' strategy.
 feature2.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 feature2.txt
root@ip-172-31-8-89:~/assignment5# ls
feature1.txt feature2.txt main.txt
root@ip-172-31-8-89:~/assignment5#
```

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```
root@ip-172-31-8-89:~/assignment5# git checkout release
Switched to branch 'release'
root@ip-172-31-8-89:~/assignment5# git merge develop
Updating 868819c..e92baef
Fast-forward
 feature1.txt | 1 +
 feature2.txt | 1 +
 2 files changed, 2 insertions(+)
 create mode 100644 feature1.txt
 create mode 100644 feature2.txt
root@ip-172-31-8-89:~/assignment5# ls
feature1.txt feature2.txt main.txt
root@ip-172-31-8-89:~/assignment5# git checkout main
Switched to branch 'main'
Your branch is based on 'origin/main', but the upstream is gone.
(use "git branch --unset-upstream" to fixup)
root@ip-172-31-8-89:~/assignment5# git merge release
Updating 868819c..e92baef
Fast-forward
 feature1.txt | 1 +
 feature2.txt | 1 +
 2 files changed, 2 insertions(+)
 create mode 100644 feature1.txt
 create mode 100644 feature2.txt
root@ip-172-31-8-89:~/assignment5#
```

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```
2 files changed, 2 insertions(+)
create mode 100644 feature1.txt
create mode 100644 feature2.txt
root@ip-172-31-8-89:~/assignment5# git checkout -b hotfix
Switched to a new branch 'hotfix'
root@ip-172-31-8-89:~/assignment5# echo this is a quick fix file edited on the hotfix branch >> urgent.txt
root@ip-172-31-8-89:~/assignment5# git add urgent.txt
root@ip-172-31-8-89:~/assignment5# git commit -m "this is quick fix"
[hotfix 50a7064] this is quick fix
Committer: root <root@ip-172-31-8-89.ec2.internal>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

1 file changed, 1 insertion(+)
create mode 100644 urgent.txt
root@ip-172-31-8-89:~/assignment5#
```

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You can suppress this message by setting them explicitly. Run the following command and follow the instructions in your editor to edit your configuration file:

```
git config --global --edit
```

After doing this, you may fix the identity used for this commit with:

```
git commit --amend --reset-author
```

```
1 file changed, 1 insertion(+)
create mode 100644 urgent.txt
root@ip-172-31-8-89:~/assignment5# git checkout main
Switched to branch 'main'
Your branch is based on 'origin/main', but the upstream is gone.
(use "git branch --unset-upstream" to fixup)
root@ip-172-31-8-89:~/assignment5# git merge hotfix
Updating e92baef..50a7064
Fast-forward
 urgent.txt | 1 +
1 file changed, 1 insertion(+)
create mode 100644 urgent.txt
root@ip-172-31-8-89:~/assignment5# ls
feature1.txt feature2.txt main.txt urgent.txt
root@ip-172-31-8-89:~/assignment5#
```

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About



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root this is quick fix

50a7064 4 minutes ago 5 commits

feature1.txt	feature1 file commit	16 minutes ago
feature2.txt	feature2 commit	18 minutes ago
main.txt	main commit	27 minutes ago
urgent.txt	this is quick fix	4 minutes ago

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