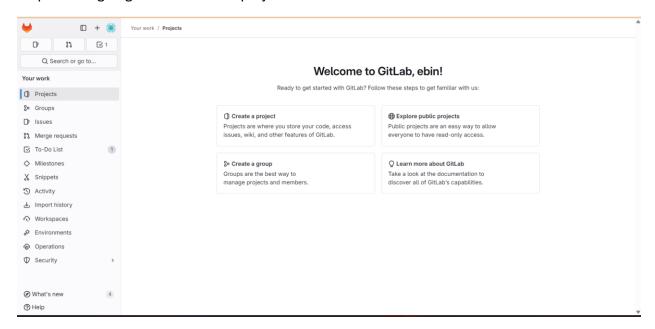
## **Assignment 1: Branch Operations**

Description

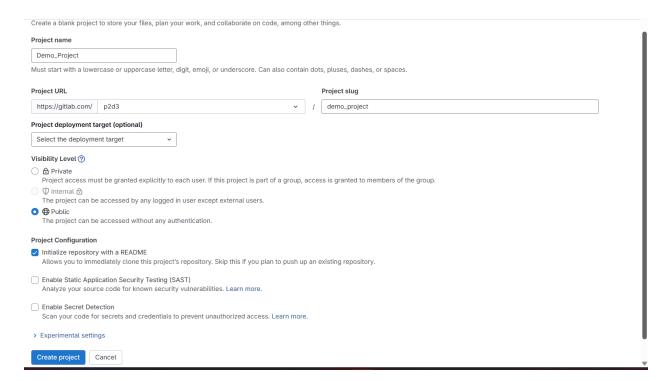
## What is a Squash Commit in Git?

Squashing commits means combining multiple commits into a single one.

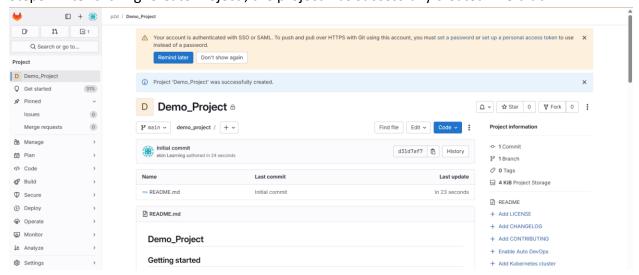
Step1: I am going to create a new project



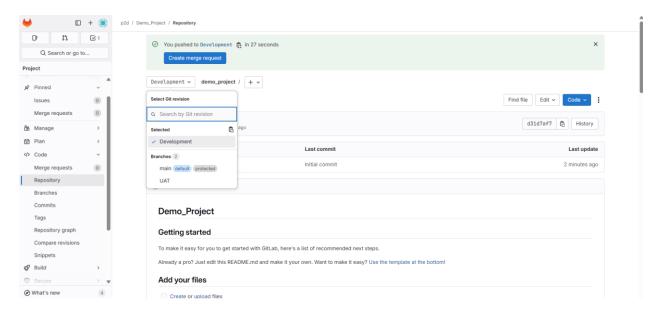
Step2: Enter projectname and make it as public



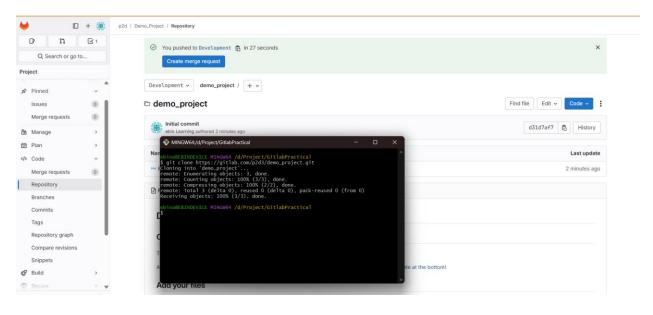
Step3: After clicking 'Create Project', the project was successfully created in GitLab.



Step4: Since only the main branch exists, I'll create the additional branches development and UAT.



Step 5: I am going to clone the code from the main branch.



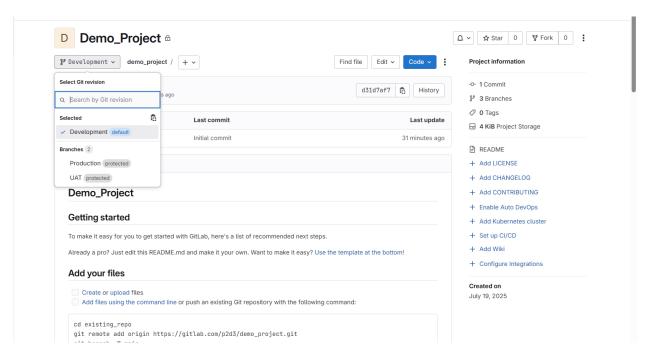
Step6: I'm going to list all branches, switch from main to development, and remove the main branch

```
chinakternovice MINGW64 /d/Project/GitlabPractical/demo_project (Development)
Sigit past drigin - delete main in the project of the past o
```

## Command

Git push origin -delete main

Git -d main



Step 7: I will create a new file and perform fetch, commit, pull, and push operations.

```
ebinaBERINDEVICE MINOMG4 /d/Project/GitlabPractical/demo_project (Development)

$ vim demoprojectfile.txt

demoprojectfile.txt
```

```
abina@EBINDEVICE MINGW64 /d/Project/GitlabPractical/demo_project (Development)

§ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 304 bytes | 101.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://gitlab.com/pad3/demo_project.git
d3id/af..fif2eeS Development -> Development

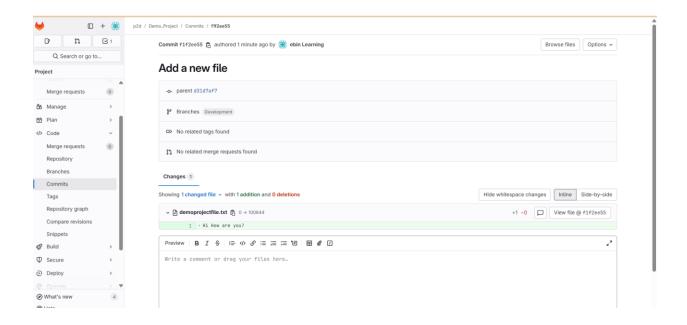
#bina@EBINDEVICE MINGW64 /d/Project/GitlabPractical/demo_project (Development)

§ git status
On branch Development
Your branch is up to date with 'origin/Development'.

nothing to commit, working tree clean

#bina@EBINDEVICE MINGW64 /d/Project/GitlabPractical/demo_project (Development)

§ |
```



## Step 8: Revert commit

```
particular Minister Address of Approject/Gitlabractical/demo_project (Development)

displaced Development

wour branch is so to date with 'origin/Development',

Changes and target for commit:

(use 'git add' industrial i
```