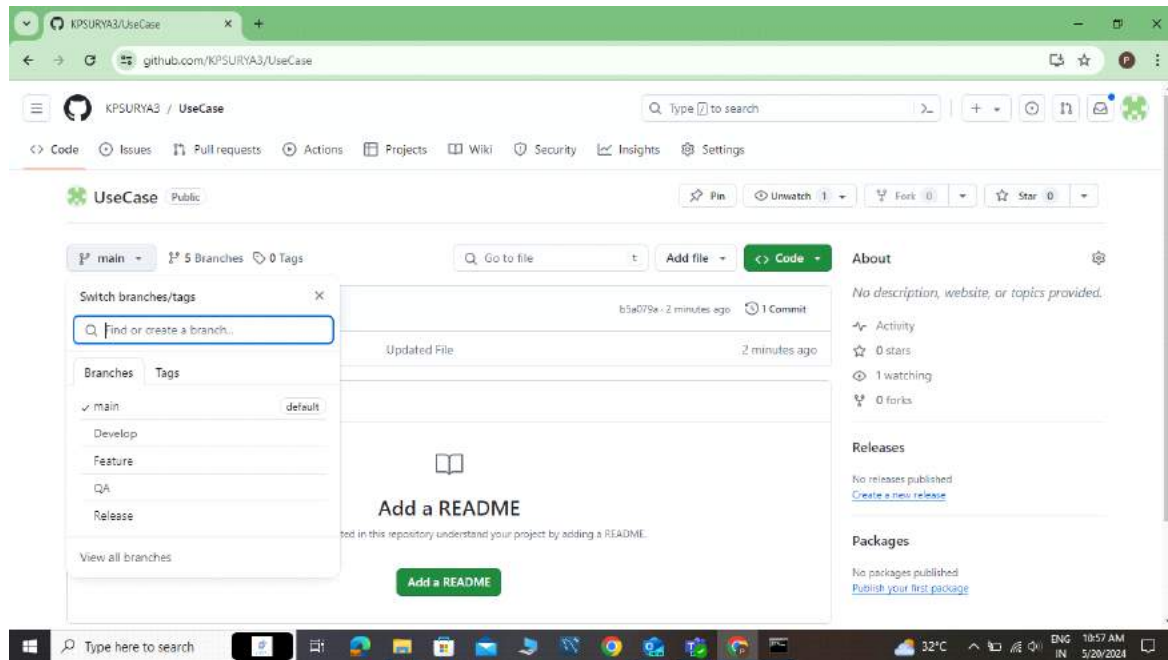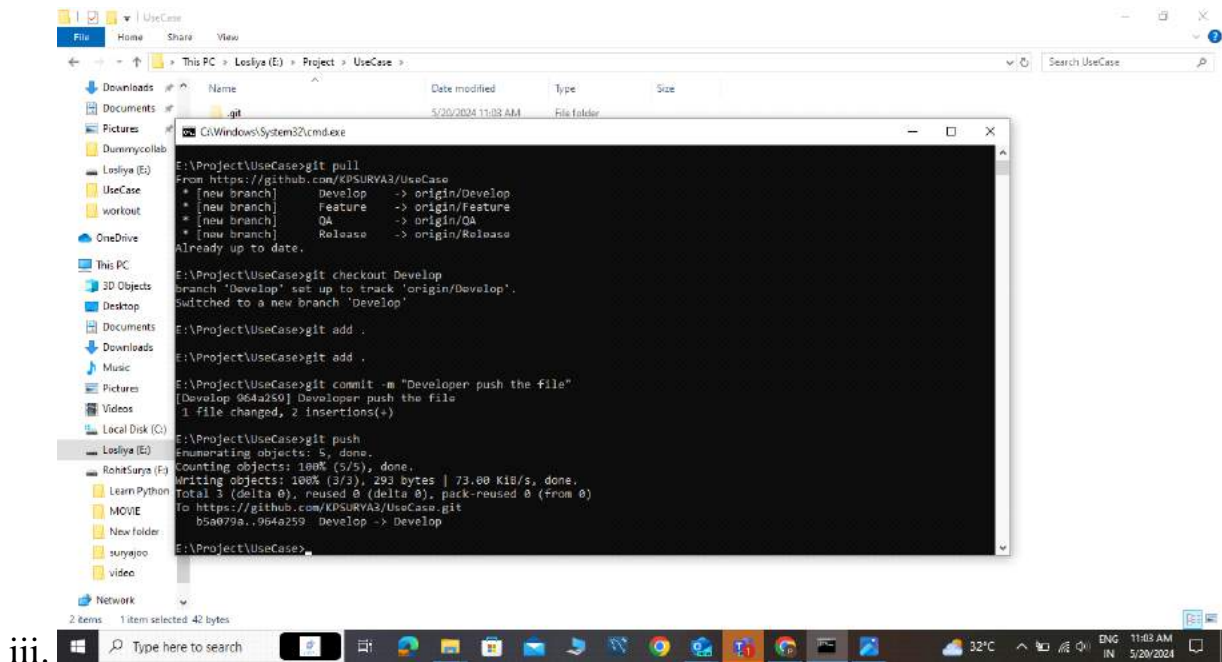# DOCUMENTATION   FOR   GITHUB PROJECT

- In this GITHUB, we are creating new repository, the repository name was UseCase .
- In this respository , we are creating some branches . The branches are main(master) , Develop , Feature , QA , Release .
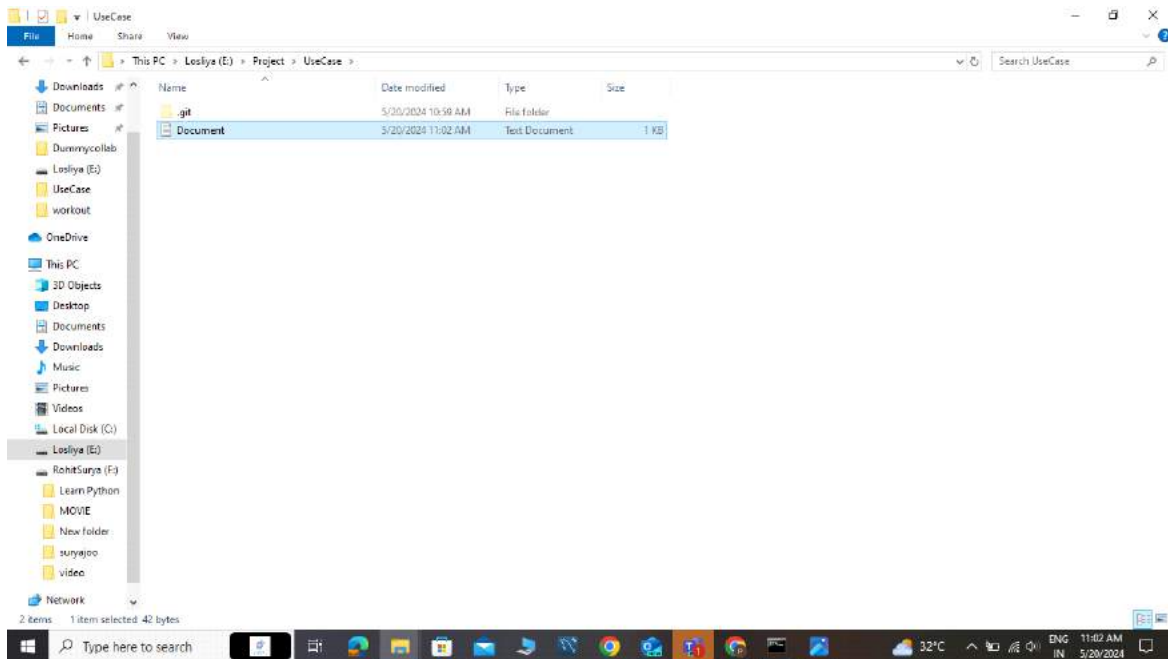

- Next we are going to open local repository , inside local repo will open command prompt . In command prompt , we are type the git command .

- So First typing git command was ,
    i. **git pull**   ---- This command is used to fetch the changes from a remote repository (in this case, GitHub) and merge them into your current branch. It also lists any new branches that were found on the remote repository.

    ii. **git checkout Develop** ---- This command switches your local repository to the Develop branch.

iii.

iv.

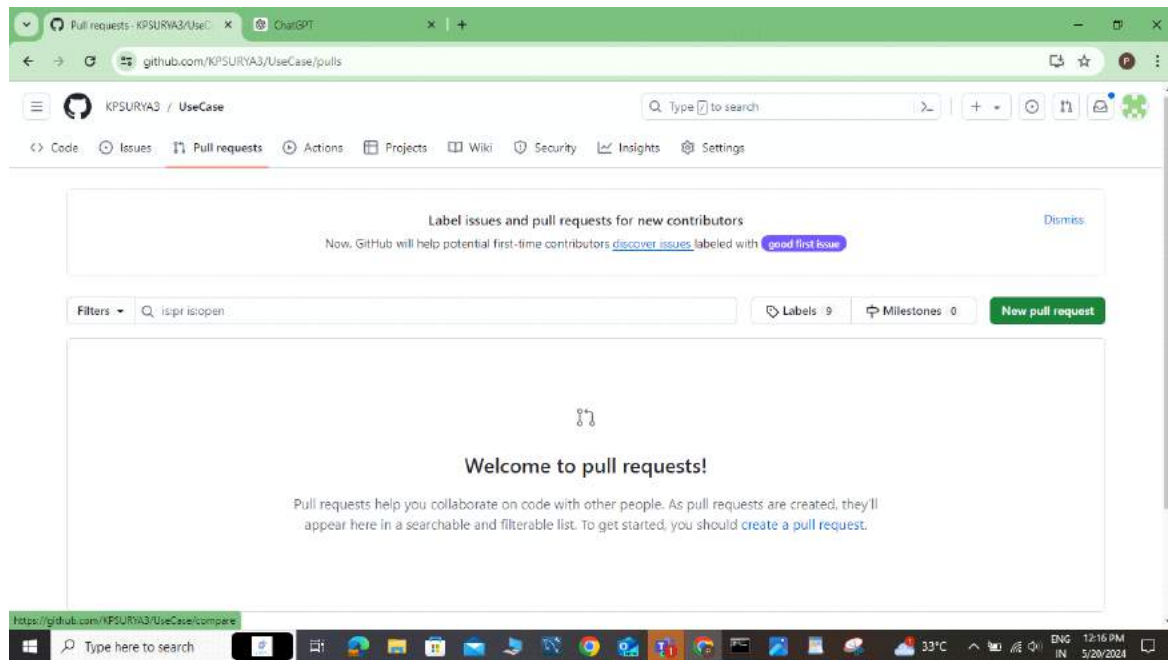- Next In local repo ,we are creating new file (Its like coding file) ,the file name was Document.

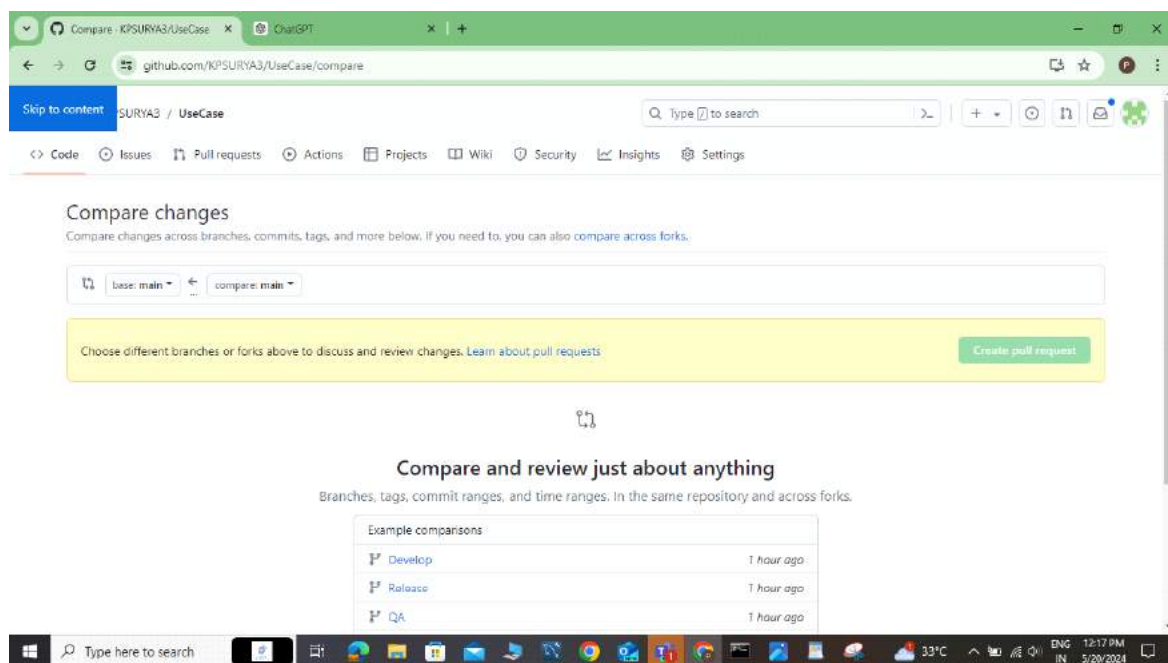- And next add the file into remote repo.

i. **git add .** ---- This command stages all the changes in the current directory for the next commit.

ii. **git commit -m "Developer push the file"** ---- This command records the changes staged for the commit with a message describing the changes.

iii. **git push** ---- This command records the changes staged for the commit with a message describing the changes.

```
E:\Project\UseCase>git add .

E:\Project\UseCase>git add .

E:\Project\UseCase>git commit -m "Developer push the file"
[Develop 964a259] Developer push the file
 1 file changed, 2 insertions(+)

E:\Project\UseCase>git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Writing objects: 100% (3/3), 293 bytes | 73.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/KPSURYA3/UseCase.git
   b5a079a..964a259  Develop -> Develop

E:\Project\UseCase>
```
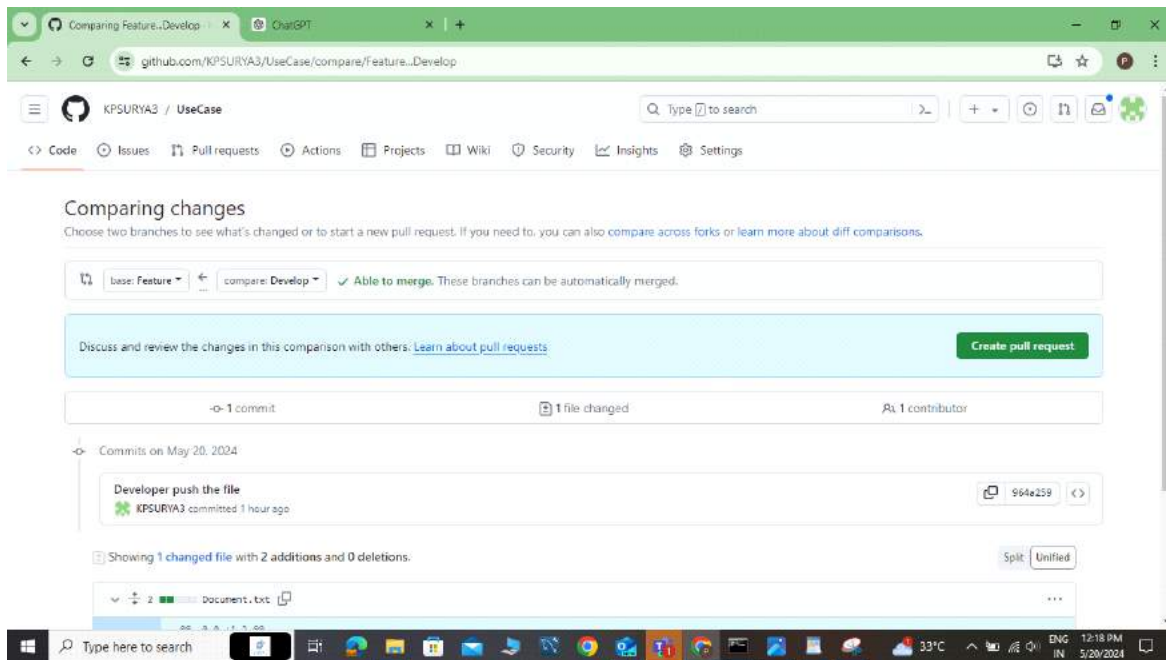
- Now all the files are pushed into features branch . In this push , there are some conditions . The conditions are rebase or pull request .
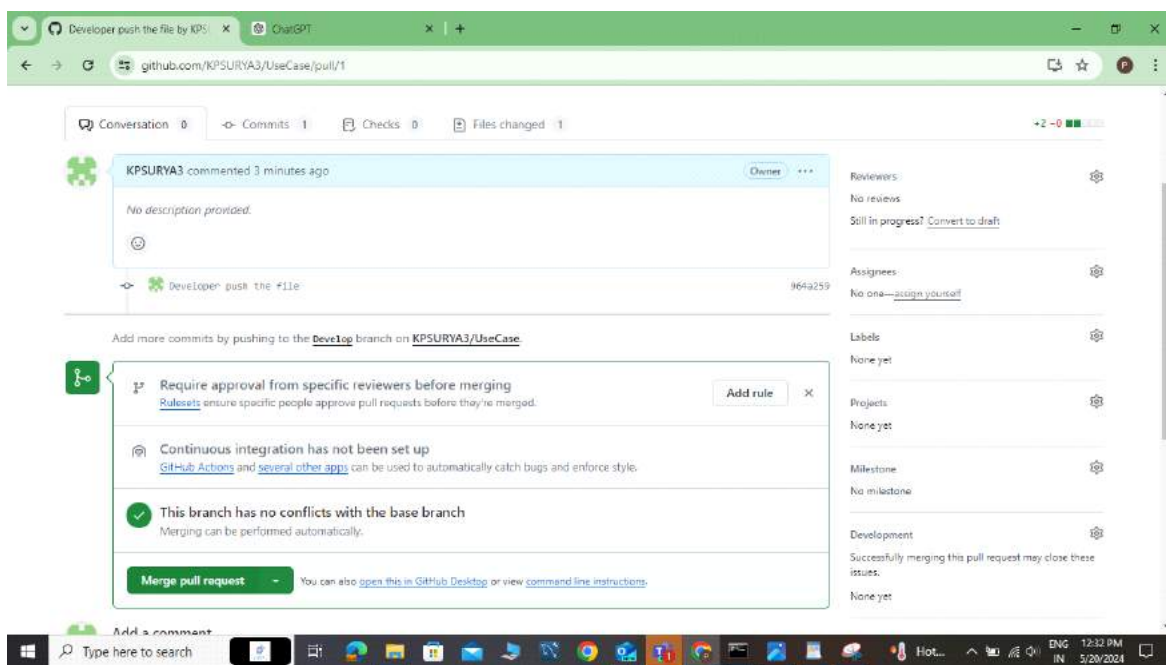
- First click the pull request option , then click new pull request , now change base and compare branch. so **base --- Feature branch** , **compare --- Develop** .
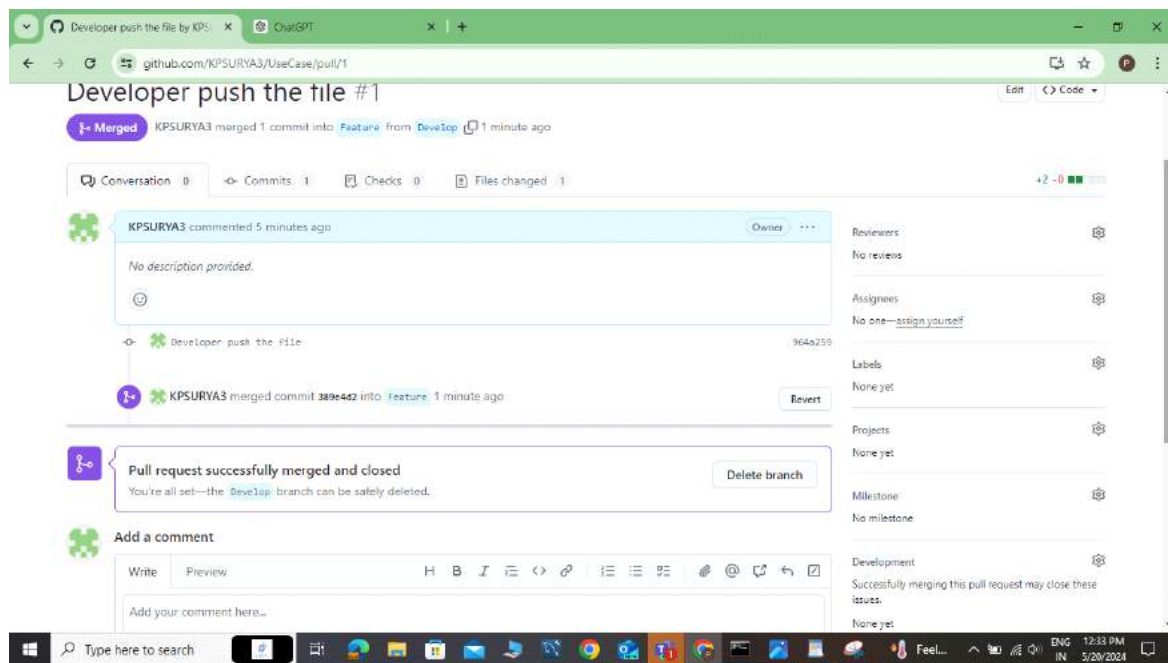

- Next click create pull request and if you want reviewers then you will click reviewer and select some reviewers.
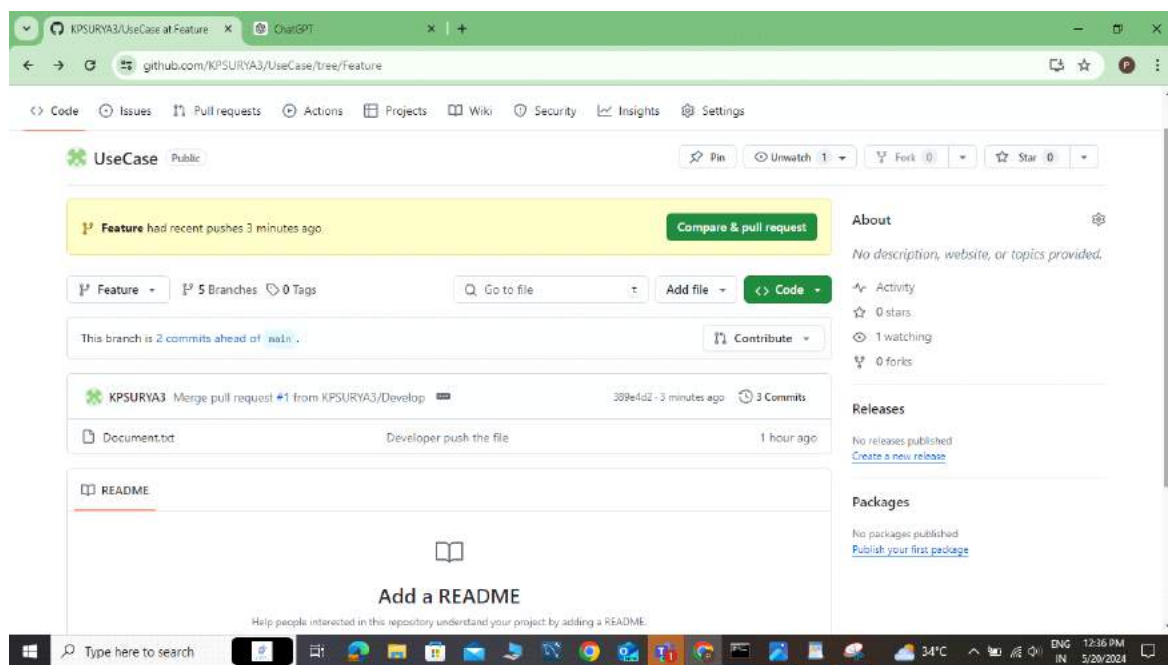
- If you select reviewers , the reviews are give some comments or approval . Next you can merge ,you will click merge pull request or the reviewers are merged .

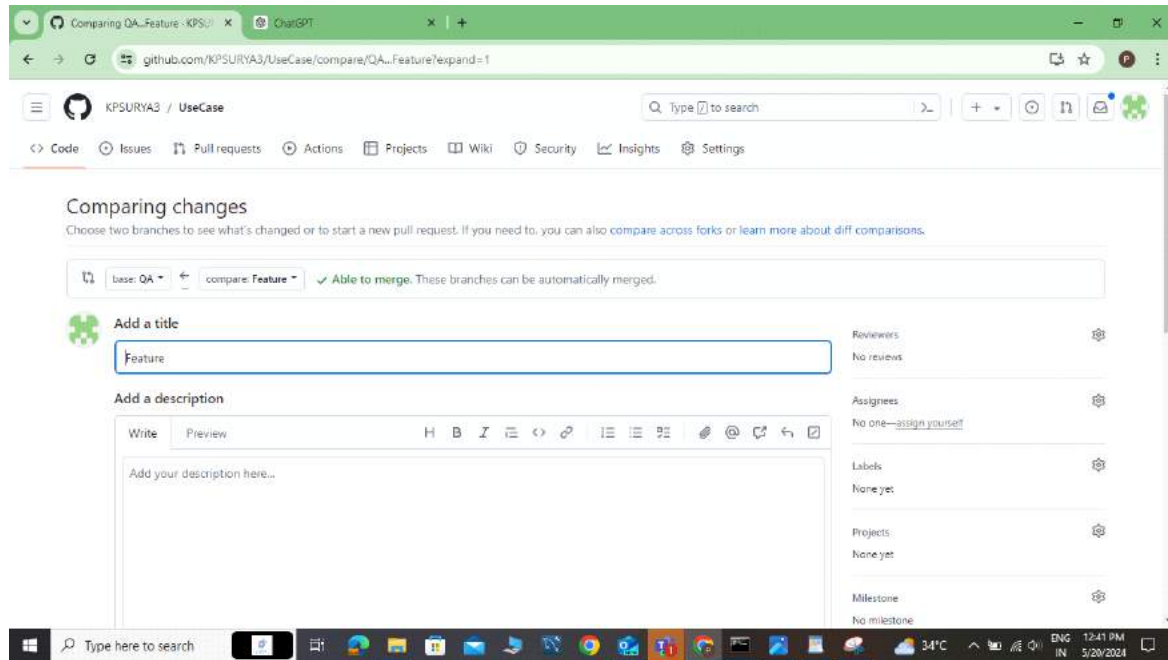- And successfully merged pull request to Feature branch .

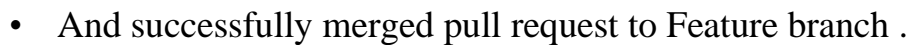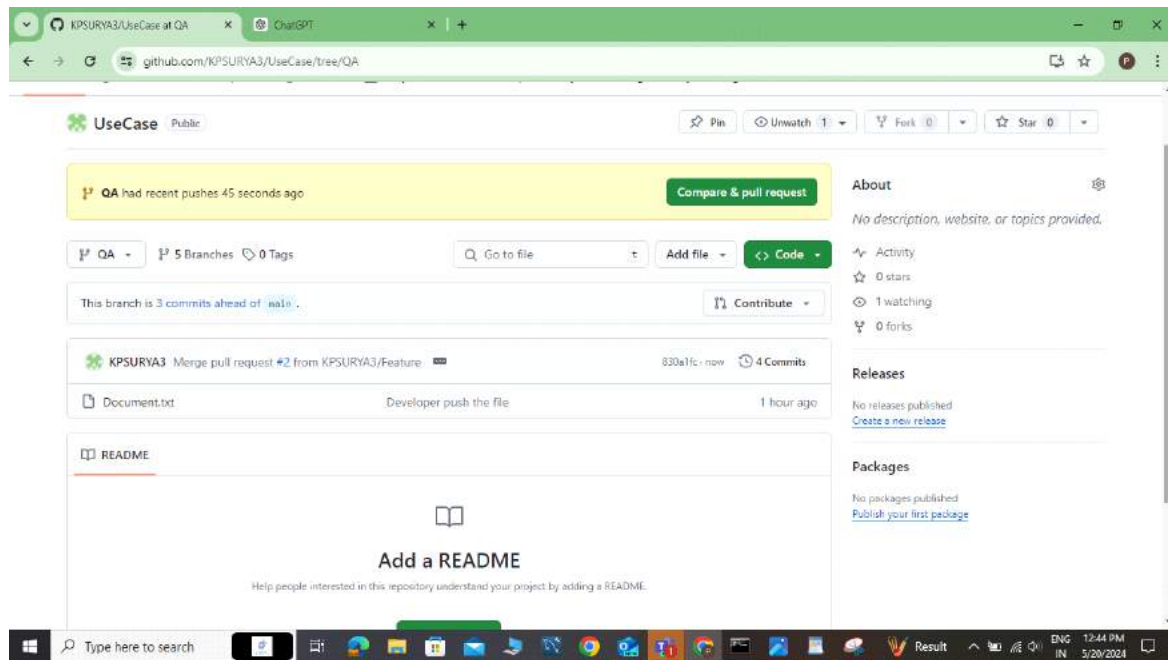- Now we are saw the document file in Feature branch.

- Next same steps are followed , Feature branch to QA branch .

- Now all the files are pushed into QA branch . In this push , there are some conditions . The conditions are rebase or pull request .

- First click the pull request option , then click new pull request , now change base and compare branch. so **base --- QA branch , compare --- Feature .**

- Next click create pull request and if you want reviewers then you will click reviewer and select some reviewers.
- If you select reviewers , the reviews are give some comments or approval . Next you can merge ,you will click merge pull request or the reviewers are merged .

- And successfully merged pull request to Feature branch .

- Now we are saw the document file in Feature branch.

- Next step the QA team successfully verified , then the QA branch push into Release branch .
- We are follow condition , the condition is it accepts pull request some specific people .
- Now Successfully merged to Release branch.