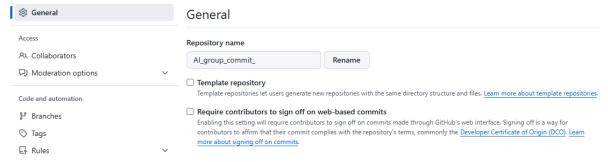
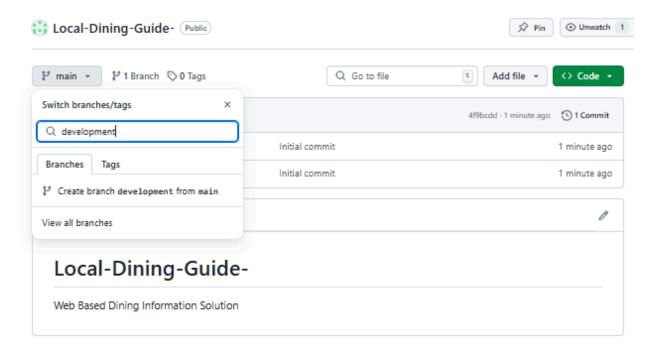


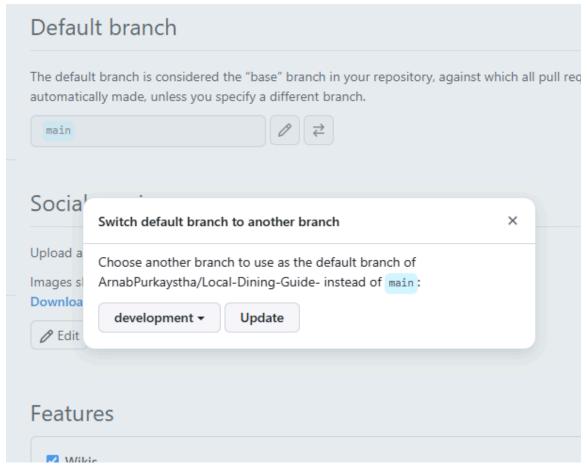
1. Create github repository



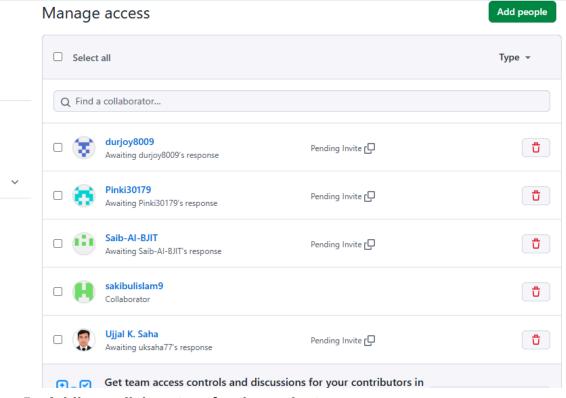
2. Rename the repertory to groupname



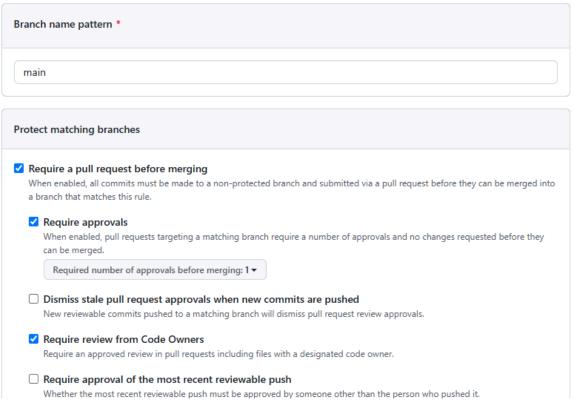
3. Create development branch in the remote repository



4. set develop branch as default branch

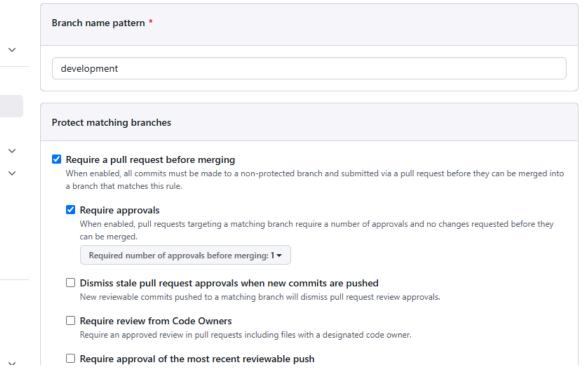


5. Adding collaborators for the project



6. Setting branch protection rule for main branch

Branch protection rule



7. Setting branch protection rule for development branch

MINGW64:/d/git_exam/Al_group_commit_

```
BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam

$ git clone git@github.com:ArnabPurkaystha/AI_group_commit_.git
Cloning into 'AI_group_commit_'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.

BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam

$ cd AI_group_commit_

BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (development)

$ git status
On branch development
Your branch is up to date with 'origin/development'.

nothing to commit, working tree clean

BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (development)

$ jit@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (development)

$ jit@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (development)
```

8. Clone remote repository and check git status

```
BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (development)
$ git checkout -b initial_readme
Switched to a new branch 'initial_readme'
 BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (initial_readme)
$ git status
On branch initial_readme
Changes not staged for commit:

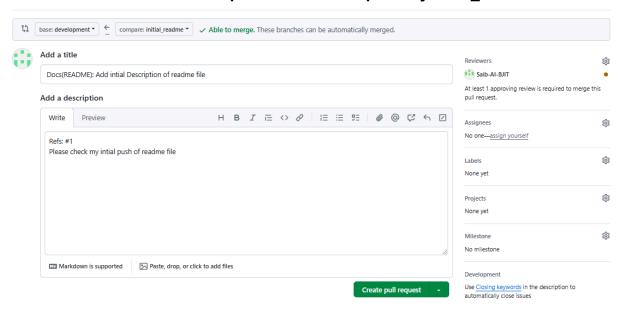
(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)
no changes added to commit (use "git add" and/or "git commit -a")
 3JIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (initial_readme)
$ git add .
BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (initial_readme)
$ git commit -m "Docs(README): Add intial Description of readme file" -m "Refs: #1"
[initial_readme 1b188ed] Docs(README): Add intial Description of readme file
1 file changed, 4 insertions(+), 1 deletion(-)
 Name
                                            Date modified
       .git
                                            25/11/2024 12:43
                                                                File folder
       LICENSE
                                            25/11/2024 12:36
                                                                File
                                                                                        2 KB
       README.md
                                            25/11/2024 12:44
                                                                MD File
                                                                                        1 KB
                                                             *README.md - Notepad
                                                                                                                                    File Edit Format View Help
                                                            # Local Dining Guide
                                                            Web Based Dining Information Solution
                                                            Welcome to the Local Dining Guide project! This web-based software
                                                            solution is designed to provide users with comprehensive dining
                                                            information, making it easy for them to explore and discover local
                                                            restaurants, cafes, and eateries. Whether you're a food enthusiast
                                                            looking for new culinary experiences or a traveller seeking the best
                                                            dining spots in town, Local Dining Guide has got you covered.
                                                                                  Ln 5, Col 372
                                                                                                     100% Windows (CRLF)
                                                                                                                              UTF-8
```

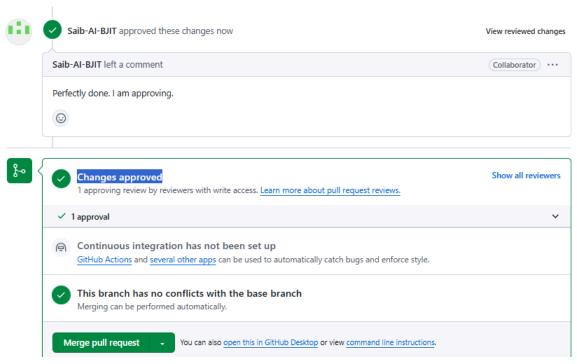
9. create a new branch named inital_readme, edit readme.md for initial description and add it to staging area and commit.

```
T@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (initial_readme)
$ git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.
 JIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (development)
$ git checkout initial_readme
Switched to branch 'initial_readme'
 JIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (initial_readme)
On branch initial_readme
nothing to commit, working tree clean
BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (initial_readme) $ git push -u origin initial_readme
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 593 bytes | 593.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
 remote:
remote: Create a pull request for 'initial_readme' on GitHub by visiting:
                https://github.com/ArnabPurkaystha/AI_group_commit_/pull/new/initial_readme
remote:
remote:
JIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (initial_readme)
```

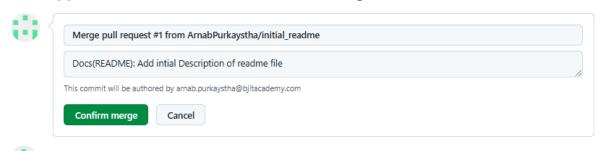
10. Push initial readme description to remote repository inital_readme branch



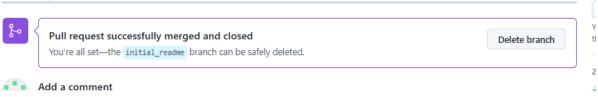
11. Create a pull request and add reviewer.



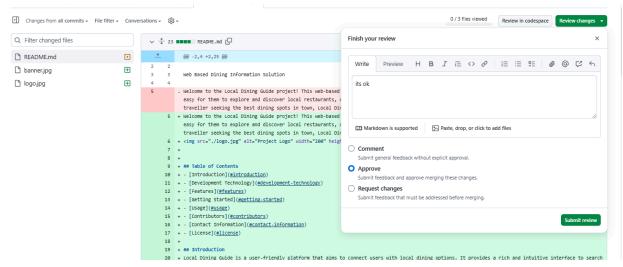
12. Code approved so as i am the owner i will merge the code



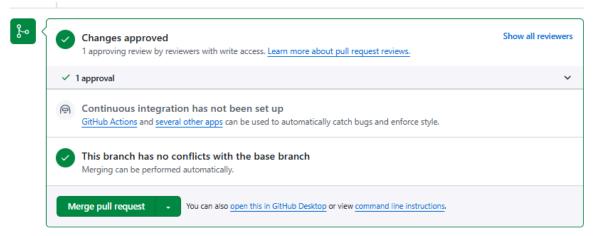
13. Confirmation of merging.



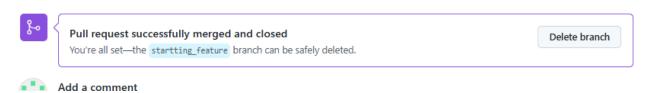
14. Merging done so delete the branch as it is unnecessary



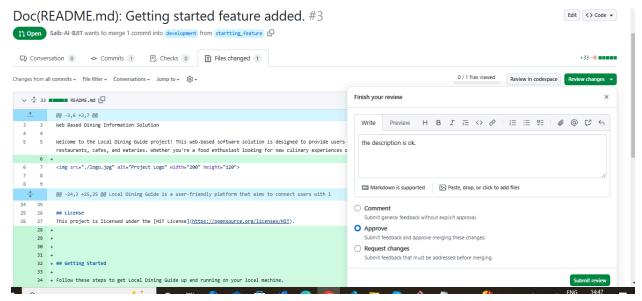
15. Approve sakib ul islam's request



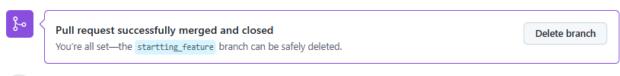
16. merge sakibs code to development



17. Delete sakibs created branch

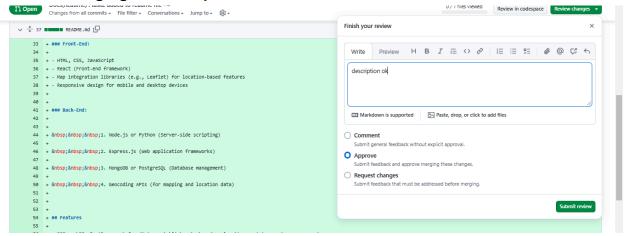


16. Approving saib ahmed's code

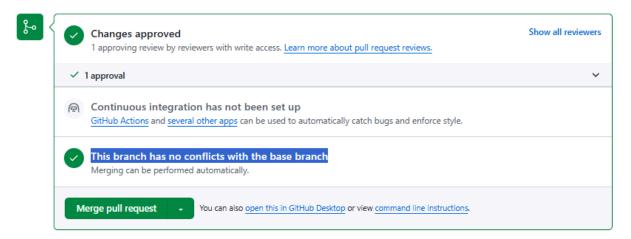


Add a comment

18. After merging to development delete saib ahmed's branch



19. Approve pinki akhter's code



20. Merge pinki akhters added description and also deleted the branch

```
JIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (initial_readme)
$ git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.
 JIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (development)
 git checkout -b usage_contributor
Switched to a new branch 'usage_contributor'
 JIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (usage_contributor)
 git status
n branch usage_contributor
Changes not staged for commit:

(use "git add <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

modified: README.md
no changes added to commit (use "git add" and/or "git commit -a")
 JIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (usage_contributor)
  git add README.md
BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (usage_contributor)

$ git commit -m "Docs(README): added usage and contributor description" -m "Refs: #2219"
[usage_contributor 624c3a5] Docs(README): added usage and contributor description

1 file changed, 17 insertions(+)
 JIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (usage_contributor)
 git log --oneline
   c3a5 (HEAD -> usage_contributor) Docs(README): added usage and contributor description
 f9bcdd (origin/main, origin/development, origin/HEAD, development) Initial commit
```

21. Create separate brach for my task (group member 4) edit readme file.. Add changes and commit changes copy the head sha id.

```
#31TMDESKTOP-363E037 MINOW64 /d/git_exam/Al_group_commit_ (usage_contributor)
$ git checkout development
$ switched to branch 'development'
Your branch is up to date with 'origin/development'.

#31TMDESKTOP-363E037 MINOW64 /d/git_exam/Al_group_commit_ (development)
$ git pull origin development
remote: Enumerating objects: 19, done.
remote: Compressing objects: 100% (13/13), done.
remote: Compressing objects: 100% (13/13), done.
remote: Compressing objects: 100% (13/13), done.
remote: Total 15 (delta 4), reused 9 (delta 2), pack-reused 0 (from 0)
Unpacking objects: 100% (15/15), 634.02 kim | $77.00 Kim/s, done.
From gittub.com:ArnabPurkaystha/Al_group_commit_
* branch
* development -> FETCH_HEAD
* 4f9bcdd.er/66a68 development -> origin/development
Updating 4f9bcdd.er/66a68 development -> origin/development

#BADME.md | 96 ***
#BADME.md |
```

22. Go to development, pull it from origin and create a new branch and cheryypick the copied head of added task

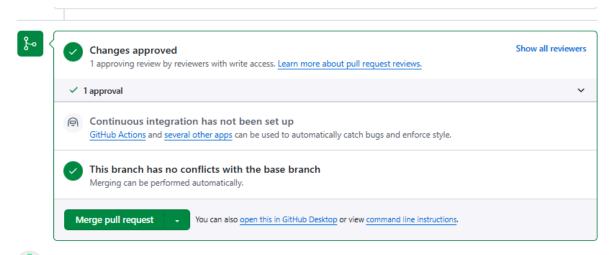
```
BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (usage_contributor_task|CHERRY-PICKING)
$ git add .

BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (usage_contributor_task|CHERRY-PICKING)
$ git commit -m "AC

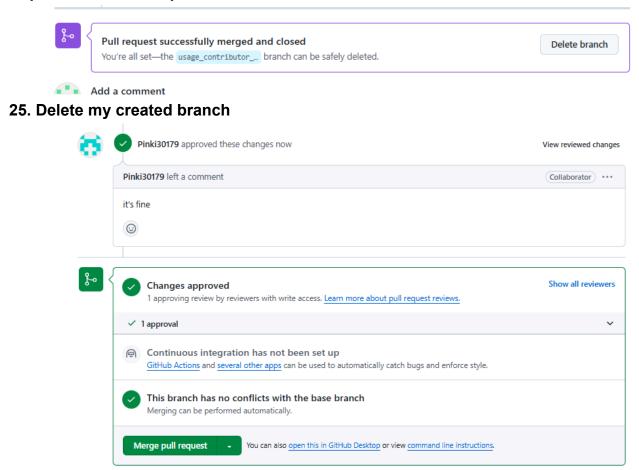
BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (usage_contributor_task|CHERRY-PICKING)
$ git commit -m "Docs(READWE): added usage and contributor description"
[usage_contributor_task 977dc8d] Docs(READWE): added usage and contributor description
Date: Mon Nov 25 15:05:52 2024 +0600
1 file changed, 16 insertions(+), 3 deletions(-)

BJIT@DESKTOP-363ED37 MINGW64 /d/git_exam/AI_group_commit_ (usage_contributor_task)
$ git push -u origin usage_contributor_task
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compression using up to 8 delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote: https://github.com/ArnabPurkaystha/AI_group_commit_/pull/new/usage_contributor_task
To github.com:ArnabPurkaystha/AI_group_commit_.git
```

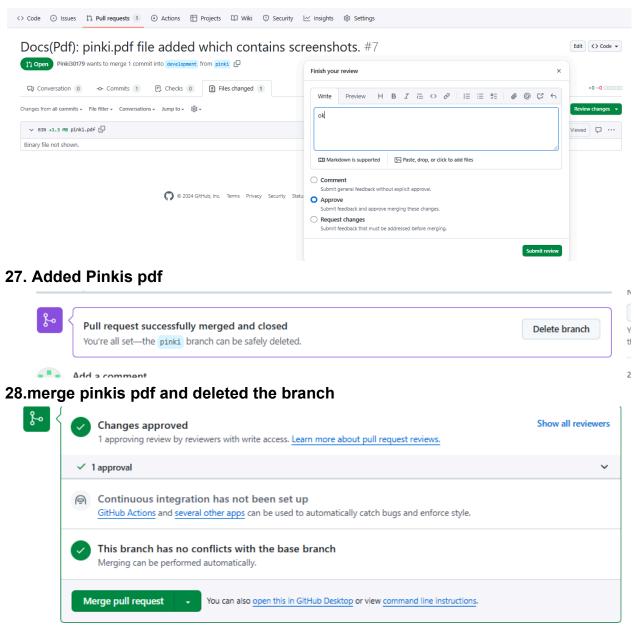
23. Resolve conflict by accepting all changes. Add commit and then push to origin branch named usage_contributor_task



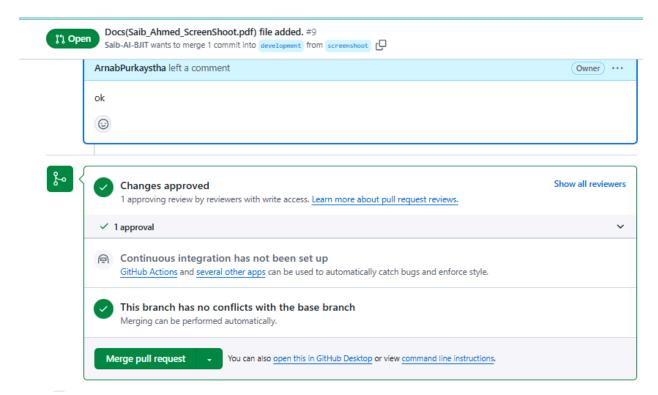
24. My code was requested to pinki she has approved it so i merge the pull request to the development branch.



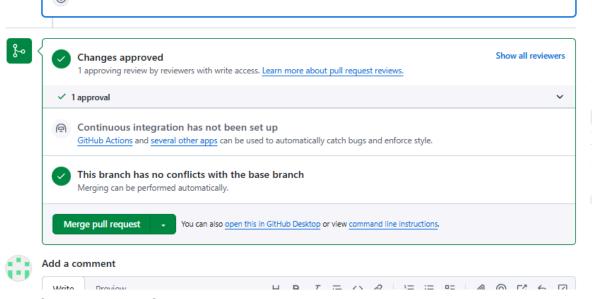
26. Added durjoy basaks code which was approved by pinki



29. Same process for sakib's pdf addition



30. Repeated the same process for saib's pdf



31. Same for durjoy's pdf