Document for Task 2 : Development Technology

README.md

C: > Users > bjit > Downloads > README.md > ## Development Technology

```
## Development Technology

### Front-End

- HTML, CSS, JavaScript
- React (Front-end framework)
- Map integration libraries (e.g., Leaflet) for location-based features
- Responsive design for mobile and desktop devices


### Back-End


   1. Node.js or Python (Server-side scripting)

   2. Express.js (Web application frameworks)

   3. MongoDB or PostgreSQL (Database management)

   4. Geocoding APIs (for mapping and location data)
```

Figure 1 : Readme.md file for the development technology

```
## Features

- **Search**: Easily search for dining establishments based on location, cuisine, price range, and more.
- **Restaurant Profiles**: Detailed profiles for each restaurant, including information about the cuisine, operating hours, contact details, and
- **Menus**: Access to digital menus, helping users explore dishes before visiting the restaurant.
- **Reviews and Ratings**: Read and write reviews and ratings to share experiences with the community.
- **Map Integration**:  Integration with mapping services to provide directions to the selected restaurant.
- **User Accounts**: Create accounts to save favourite restaurants, track dining history, and receive personalized recommendations.

[Click](https://bjitacademy.com/) here for more details
```

Figure 2 : Readme.md file for the development technology(Contd.)

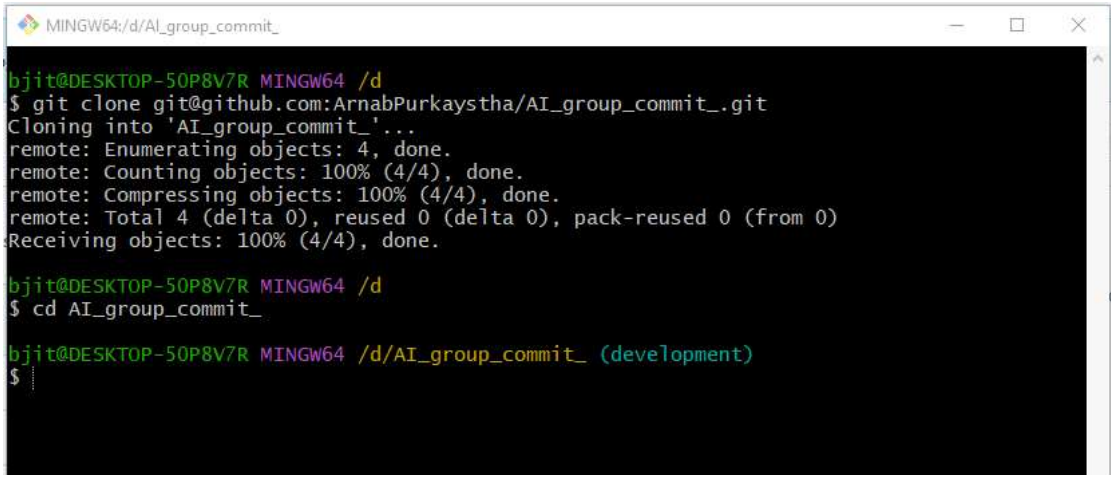


Figure 3 : git clone from repository

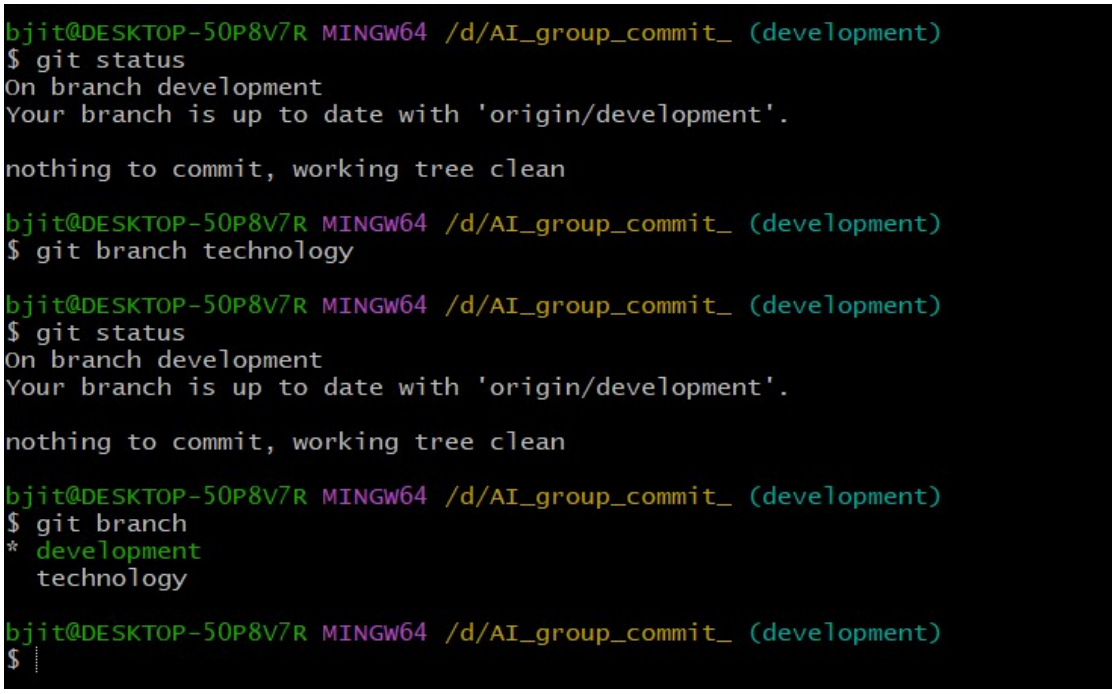


Figure 4 : new branch created technology for and status check

```
bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (development)
$ git checkout technology
Switched to branch 'technology'

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git status
On branch technology
nothing to commit, working tree clean

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$
```

Figure 5 : checkout to technology branch

```
bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (development)
$ git branch
* development
  technology

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (development)
$ git checkout technology
Switched to branch 'technology'

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git status
On branch technology
nothing to commit, working tree clean

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$ pwd
/d/AI_group_commit_
```

Figure 6 : git status check

```
bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git status
On branch technology
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")

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git add .

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git status
On branch technology
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md
```

Figure 7 : readme file modified and added to technology branch

```
bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git checkout development
M       README.md
Switched to branch 'development'
Your branch is up to date with 'origin/development'.

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (development)
$ git pull origin development
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
Unpacking objects: 100% (4/4), 1.33 KiB | 170.00 KiB/s, done.
remote: Total 4 (delta 1), reused 2 (delta 0), pack-reused 0 (from 0)
From github.com:ArnabPurkaystha/AI_group_commit_
 * branch            development -> FETCH_HEAD
   4f9bcdd..85dd762  development -> origin/development
Updating 4f9bcdd..85dd762
error: Your local changes to the following files would be overwritten by merge:
        README.md
Please commit your changes or stash them before you merge.
Aborting

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (development)
$ git checkout technology
M       README.md
Switched to branch 'technology'
```

Figure 8 : After adding readme file branch is up-to date

```
bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (development)
$ git checkout technology
M       README.md
Switched to branch 'technology'

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git status
On branch technology
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md


bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git commit -m "Docs(README) : readme file updated." -m "Refs : #23456"
[technology 17618be] Docs(README) : readme file updated.
 1 file changed, 38 insertions(+)

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git log --oneline
17618be (HEAD -> technology) Docs(README) : readme file updated.
4f9bcdd (origin/main, development) Initial commit

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git checkout development
Switched to branch 'development'
Your branch is behind 'origin/development' by 2 commits, and can be fast-forwarded.
  (use "git pull" to update your local branch)
```

Figure 9 : modified readme.md file committed

```
bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (development)
$ git pull origin development
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 10 (delta 2), reused 8 (delta 2), pack-reused 0 (from 0)
Unpacking objects: 100% (10/10), 631.33 KiB | 504.00 KiB/s, done.
From github.com:ArnabPurkaystha/AI_group_commit_
 * branch            development -> FETCH_HEAD
   85dd762..31e78a4  development -> origin/development
Updating 4f9bcdd..31e78a4
Fast-forward
 README.md   |  59 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++-
 banner.jpg | Bin 0 -> 590182 bytes
 logo.jpg   | Bin 0 -> 71929 bytes
 3 files changed, 58 insertions(+), 1 deletion(-)
 create mode 100644 banner.jpg
 create mode 100644 logo.jpg
```

Figure 10 : pull origin development in git

```
bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (development)
$ git branch newtechnology

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (development)
$ git branch
* development
  newtechnology
  technology

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (development)
$ git checkout newtechnology
Switched to branch 'newtechnology'

bjit@DESKTOP-5OP8V7R MINGW64 /d/AI_group_commit_ (newtechnology)
$ git cherry-pick 17618be
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply 17618be... Docs(README) : readme file updated.
hint: After resolving the conflicts, mark them with
hint: "git add/rm <pathspec>", then run
hint: "git cherry-pick --continue".
hint: You can instead skip this commit with "git cherry-pick --skip".
hint: To abort and get back to the state before "git cherry-pick",
hint: run "git cherry-pick --abort".
hint: Disable this message with "git config advice.mergeConflict false"
```

Figure 11 : new branch newtechnology is created as local branch

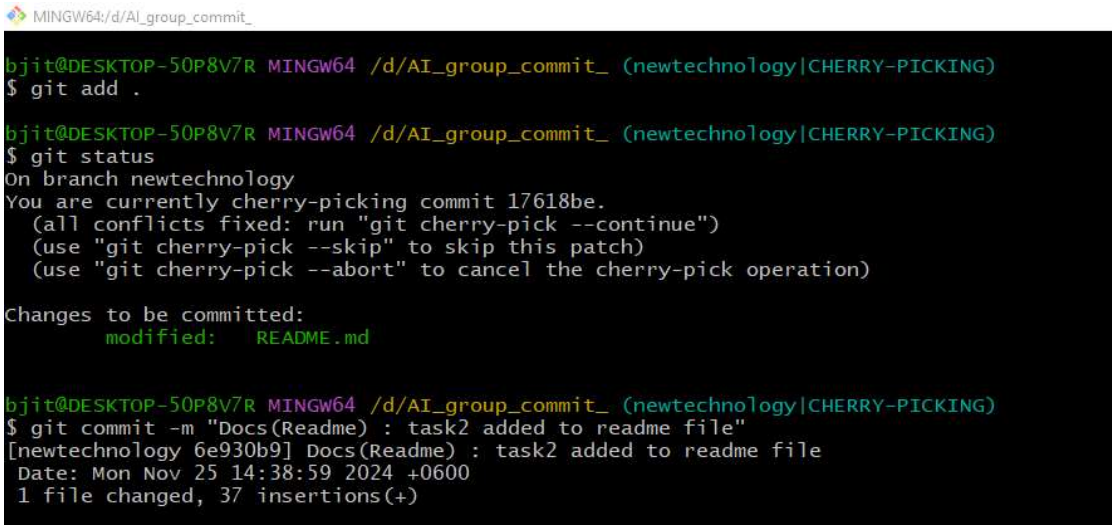


Figure 12 : modified readme file is added in newtechnology branch

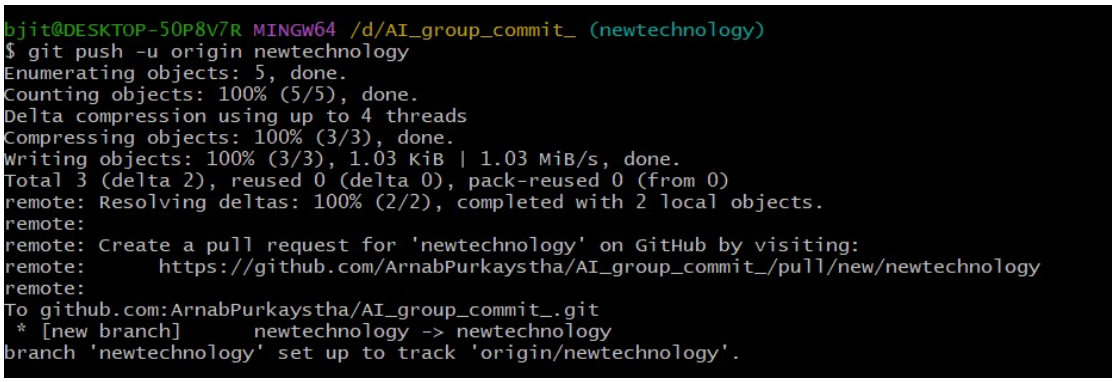


Figure 13 : push to newtechnology to merge in remote repository

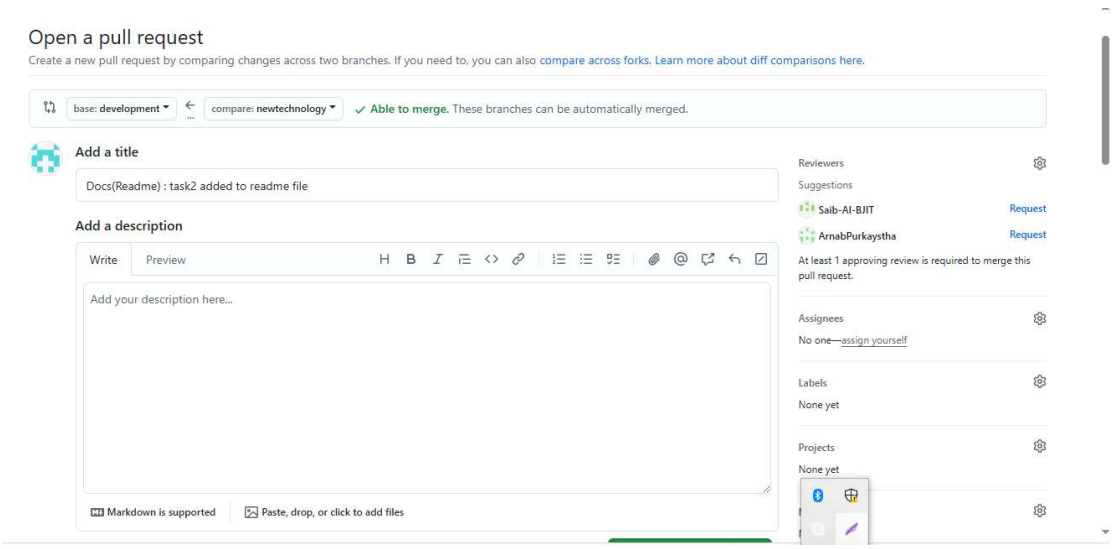


Figure 14 : compare and pull request to review teh modified file

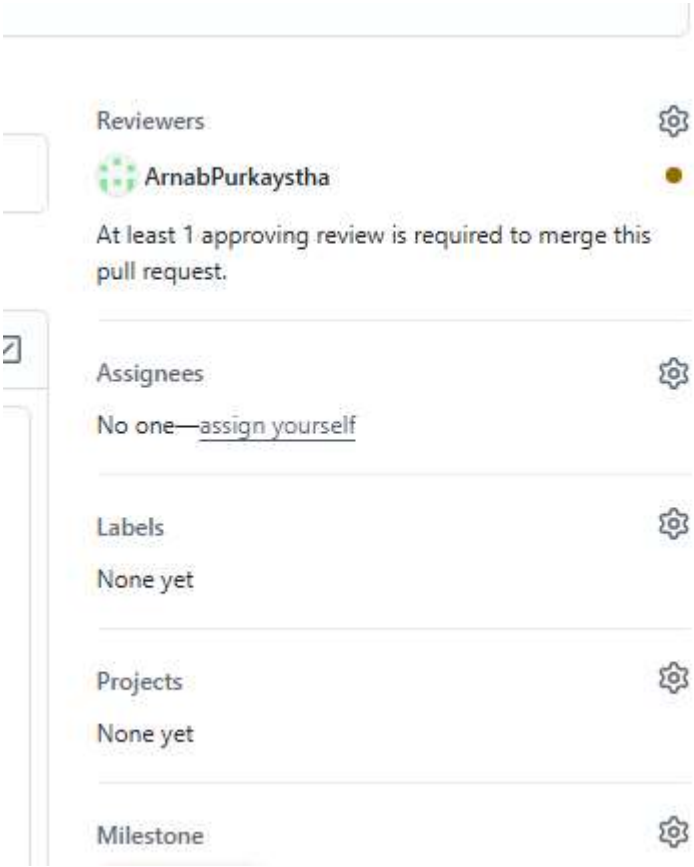


Figure 15 : reviewer is selected to review modified files

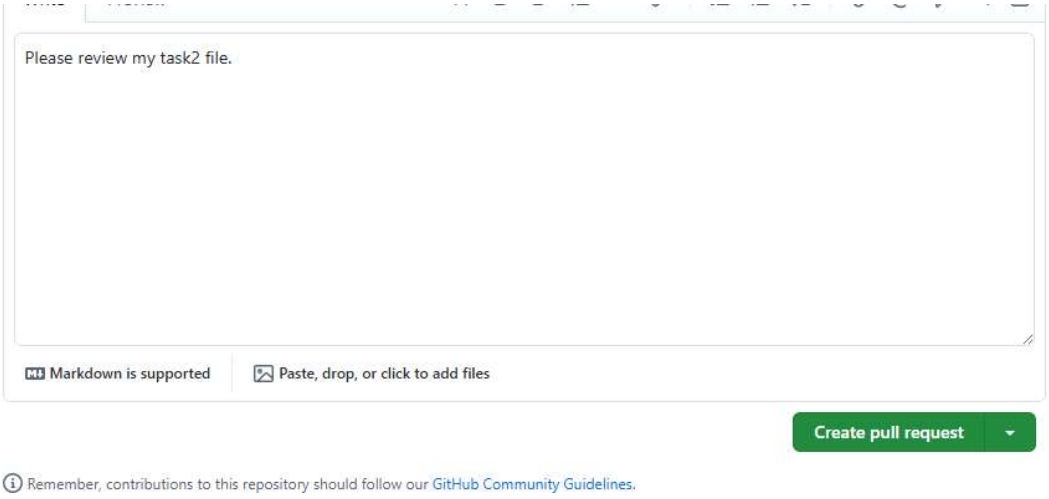


Figure 16 : pull request is created to merge to development branch

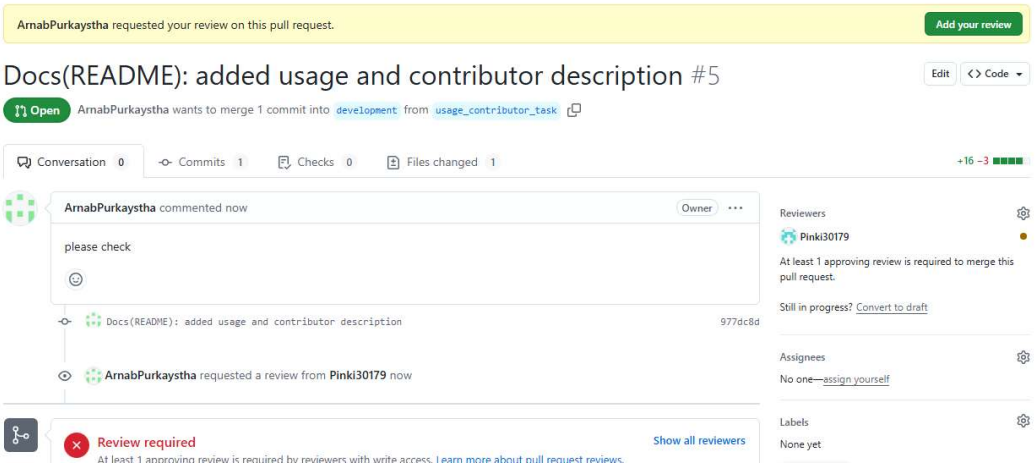
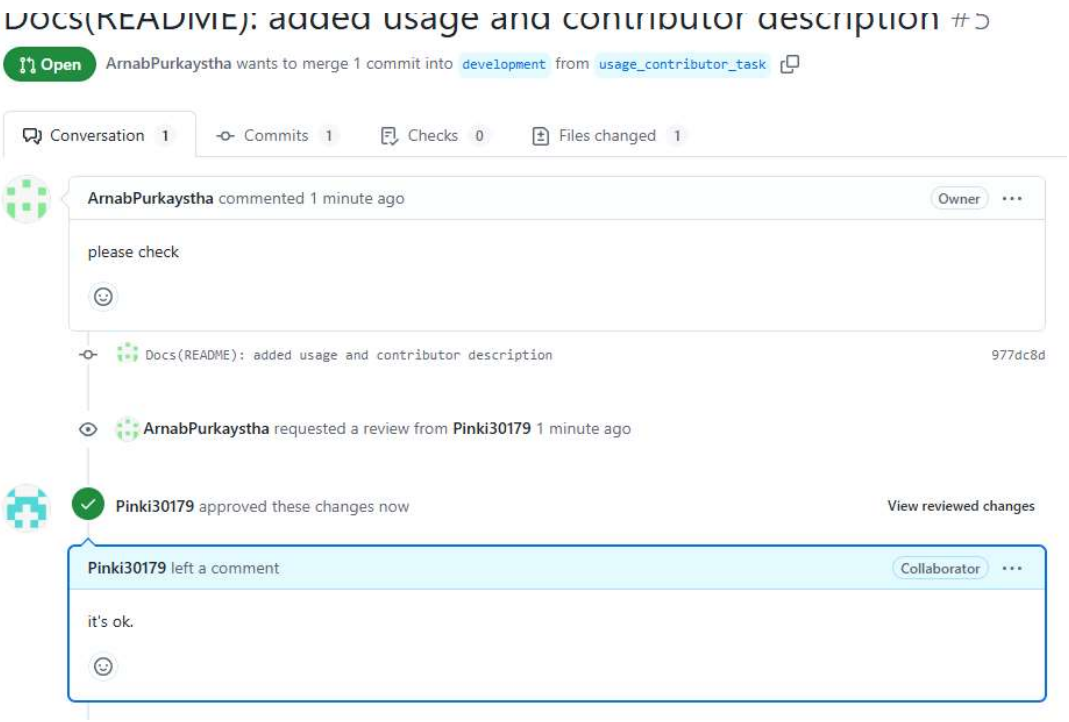


Figure 17 : reviwing other member's code



code 18 : After approval branch is added to development branch