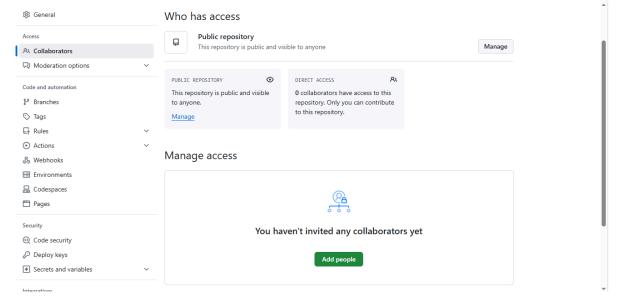
Sharif Hasan

Employee ID: 30194
Team Name: BJIT Force
Role: Team Leader

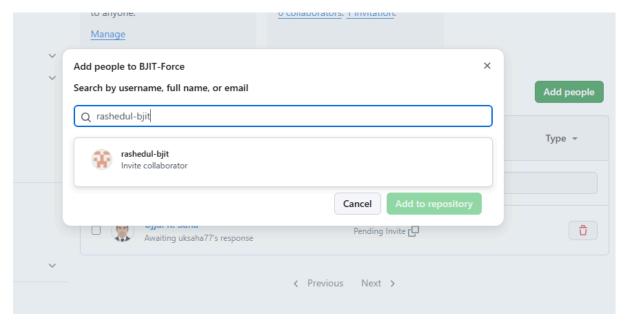
Member Number: Group Member 1

Create a new repository A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.	
Required fields are marked with	an asterisk (*).
Owner *	Repository name *
dev-sharif-hasan ▼	BJIT Force
	▼ Your new repository will be created as BJIT-Force. The repository name can only contain ASCII letters, digits, and the characters ., -, and The repository name can only contain ASCII letters, digits, and the characters ., -, and The repository name can only contain ASCII letters, digits, and the characters ., -, and The repository name can only contain ASCII letters, digits, and the characters ., -, and The repository name can only contain ASCII letters, digits, and the characters ., -, and The repository name can only contain ASCII letters, digits, and the characters ., -, and The repository name can only contain ASCII letters, digits, and the characters The repository name can only contain ASCII letters, digits, and the characters The repository name can only contain ASCII letters, digits, and the characters The repository name can only contain ASCII letters, digits, and the characters The repository name can only contain ASCII letters, digits, and the characters The repository name can only contain ASCII letters, digits, and the characters The repository name can only contain ASCII letters, digits, and the characters The repository name can only contain ASCII letters The repository name can only contain ASCII letters .
Great repository names are sho	ort and memorable. Need inspiration? How about scaling-potato ?
Description (optional)	
Local Dining Guide project	
Initialize this repository with: Add a README file	ng description for your project. <u>Learn more about READMEs.</u>
Add .gitignore	
.gitignore template: Node 🔻	
Choose which files not to track from	a a list of templates. <u>Learn more about ignoring files.</u>
	and can't do with your code. <u>Learn more about licenses.</u> fault branch. Change the default name in your <u>settings</u> .
③ You are creating a public re	epository in your personal account.
	Create repository

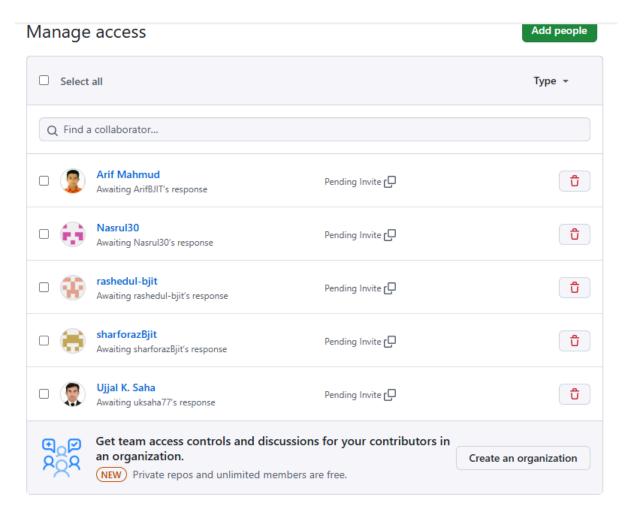
01. Creating the github repository that includes a single Readme.md file.



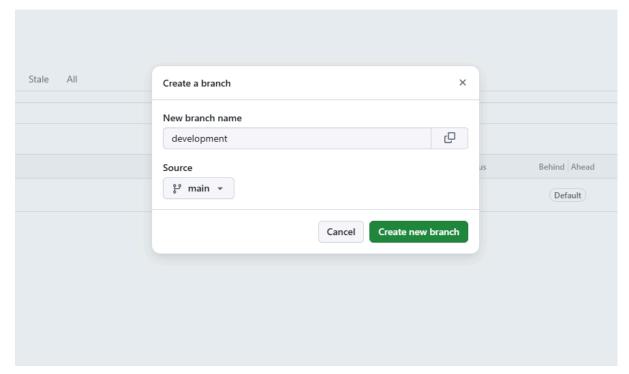
02. Adding the collaborators.



3. Searching for collaborators.



4. Finished adding the collaborators (Invitations are pending).



5. Creating a development branch.

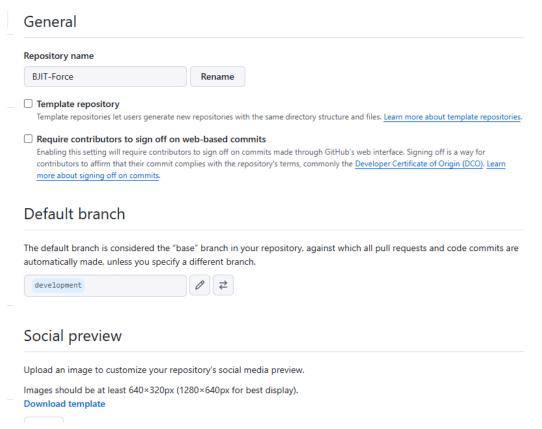
Branch name pattern *		
development		
Protect matching branches		
✓ Require a pull request before merging When enabled, all commits must be made to a non-protected branch and submitted via a pull request before they can be merged into a branch that matches this rule.		
Require approvals When enabled, pull requests targeting a matching branch require a number of approvals and no changes requested before they can be merged.		
Required number of approvals before merging: 2 ▼ Dismiss stale pull request approvals when new commits are pushed New reviewable commits pushed to a matching branch will dismiss pull request review approvals.		
Require review from Code Owners Require an approved review in pull requests including files with a designated code owner. Require approval of the most recent reviewable push Whether the most recent reviewable push must be approved by someone other than the person who pushed it.		
Require status checks to pass before merging Choose which status checks must pass before branches can be merged into a branch that matches this rule. When enabled, commits must first be pushed to another branch, then merged or pushed directly to a branch that matches this rule after status checks have passed.		
✓ Do not allow bypassing the above settings The above settings will apply to administrators and custom roles with the "bypass branch protections" permission.		
Rules applied to everyone including administrators		
Allow force pushes Permit force pushes for all users with push access.		
Allow deletions Allow users with push access to delete matching branches.		

Create

6. Setting Branch Protection rule for development branch

Branch name pattern *	
main	
Protect matching branches	
✓ Require a pull request before merging When enabled, all commits must be made to a non-protected branch and submitted via a pull request before they can be merged into a branch that matches this rule.	
Require approvals When enabled, pull requests targeting a matching branch require a number of approvals and no changes requested before they can be merged.	
Required number of approvals before merging: 4 ▼ Dismiss stale pull request approvals when new commits are pushed New reviewable commits pushed to a matching branch will dismiss pull request review approvals.	
Require review from Code Owners Require an approved review in pull requests including files with a designated code owner.	
Require approval of the most recent reviewable push Whether the most recent reviewable push must be approved by someone other than the person who pushed it.	
Require status checks to pass before merging Choose which status checks must pass before branches can be merged into a branch that matches this rule. When enabled, commits must first be pushed to another branch, then merged or pushed directly to a branch that matches this rule after status checks have	

7. Setting branch protection rules for the main branch.



8. Setting the development branch as default

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop

$ git clone git@github.com:dev-sharif-hasan/BJIT-Force.git
Cloning into 'BJIT-Force'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.

BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop

$ |
```

9. Cloning the repository into the local machine.

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (development)

$ git pull origin development

From github.com:dev-sharif-hasan/BJIT-Force

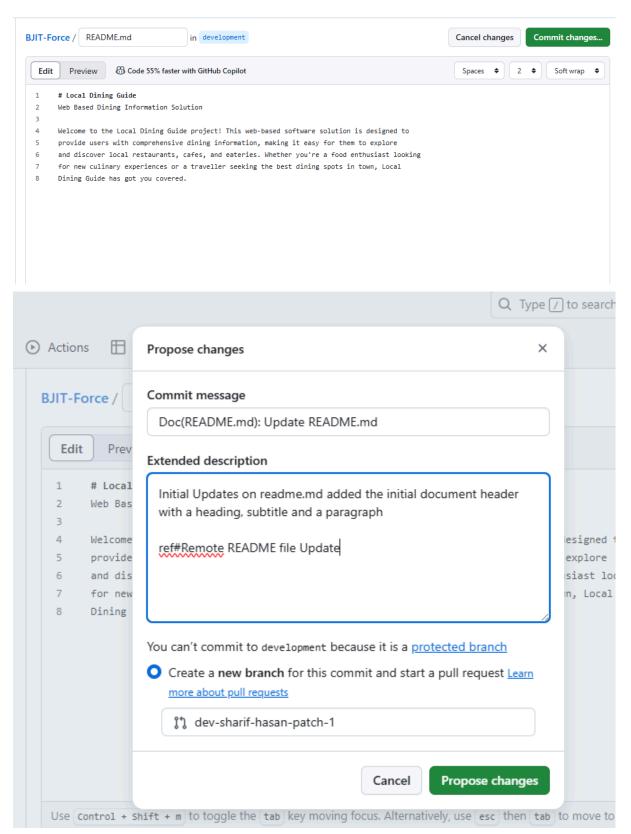
* branch development -> FETCH_HEAD

Already up to date.

BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (development)

$ |
```

10. Pulling the latest updates from the remote development branch as best practice.



11. Initial Readme.md update and commit (as team leader).

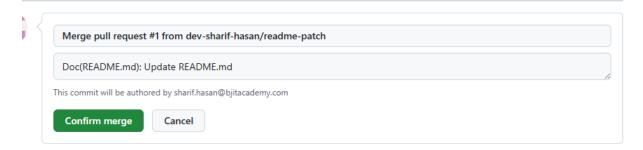
Open a pull request The change you just made was written to a new branch named readme-patch. Create a pull request below to propose these changes. Learn more the base: development → ← compare: readme-patch → Able to merge. These branches can be automatically merged. Add a title Doc(README.md): Update README.md Add a description Write Preview H B I = ◇ Ø | 1 = 9 = Ø @ Ø ♦ ✓ ✓ Initial Updates on readme.md added the initial document header with a heading, subtitle and a paragraph ref#Remote README file Update

Paste, drop, or click to add files

Markdown is supported

12. Opening the pull request for readme.md update. (as team leader) dev-sharif-hasan requested review from Nasrul30, rashedul-bjit, sharforazBjit and ArifBJIT now Show all reviewers Review required At least 2 approving reviews are required by reviewers with write access. Learn more about pull request reviews. A 4 pending reviewers Merging is blocked Merging can be performed automatically with 2 approving reviews. Merge pull request ▼ You can also open this in GitHub Desktop or view command line instructions Add a comment $\mathsf{H} \; \mathsf{B} \; I \; \mathrel{\mathrel{\sqsubseteq}} \; \Leftrightarrow \; \mathscr{O} \; \mid \; \mathrel{\mathrel{\sqsubseteq}} \; \mathrel{\mathrel{\sqsubseteq}} \; \mathrel{\mathrel{\sqsubseteq}} \; \mathrel{\mathrel{\sqsubseteq}} \;$ Write Preview Add your comment here...

13. Waiting for review from at least 2 members. (as team leader)



14. Merging the initial readme update after review from the reviewers. (As team leader)

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (development)

$ git checkout -b task1update

Switched to a new branch 'task1update'

BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update)

$ |
```

15. Switching to a new working branch.

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update)
$ git status
On branch task1update
nothing to commit, working tree clean

BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update)
$ |
```

16. Status of the new working directory.

```
![BJIT logo](https://bjitgroup.com/static/svg/common/bjit-logo2.svg)
## Table of Contents
* Introduction
* evelopment Technology
* Features
* Getting Started
* Usage
* Contributors
* Contact Information
Local Dining Guide is a user-friendly platform that aims to connect users with local dining
options. It provides a rich and intuitive interface to search for restaurants, view their menus,
read reviews, and get directions. With a focus on enhancing the dining experience, this
software solution strives to bridge the gap between diners and local eateries.
![Blogger](https://img.shields.io/badge/Blogger-FF5722?style=for-the-badge&logo=blogger&logoColor=white) ![PhpStorm](https:
## License
*This project is licensed under the [MIT License](https://www.bjitacademy.com/).*
```



Table of Contents

- Introduction
- evelopment Technology
- Features
- Getting Started

17. Updated Readme.md as per the format provided. Editing starts from line 0.

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (tasklupdate)

$ git status
On branch tasklupdate
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-FSBB960 MINGW64 ~/Desktop/BJIT-Force (tasklupdate)

$ git add .

BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (tasklupdate)

$ |
```

18. Adding the modified Readme.md to the staging area.

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update)
$ git commit -m 'Doc(README.md): Updated README.md top section' -m 'Readme.md topmost section is modifiled by @dev-sharif-hasan as per requirements given in the requirement pdf. Markdown is us ed to maintain proper documentation' -m 'ref:#Group Member 1 Task'
[task1update 378c02a] Doc(README.md): Updated README.md top section
1 file changed, 20 insertions(+), 2 deletions(-)
```

19. Committing with conventional commit syntax maintained.

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update)

$ git log --oneline

378c02a (HEAD -> task1update) Doc(README.md): Updated README.md top section

905a5d9 (origin/main, origin/development, origin/HEAD, development) Initial commit

BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update)

$ |
```

20. Commit log in online format.

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (main)
$ git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (development)
$ git pull origin development
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (4/4), 2.15 KiB | 137.00 KiB/s, done.
From github.com:dev-sharif-hasan/BJIT-Force
   branch development -> FETCH_HEAD
905a5d9..eb390a4 development -> origin/development
 * branch
Updating 905a5d9..eb390a4
Fast-forward
README.md | 10 +++++++
1 file changed, 8 insertions(+), 2 deletions(-)
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (development)
```

21. Pulling development branch from remote repository, that contains works by the team leader.

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (development)

$ git checkout -b task1update_final

Switched to a new branch 'task1update_final'

BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update_final)

$ |
```

22. Switching to a new branch (task1update final) for conflict resolution if happened.

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update_final)

$ git cherry-pick 378c02a
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply 378c02a... Doc(README.md): Updated README.md top section
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"

BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update_final|CHERRY-PICKING)

$ |
```

23. Cherry picking failure due to conflict.

```
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.
![BJIT logo](https://bjitgroup.com/static/s/vg/common/bjit-logo2.svg)
## Table of Contents
* Introduction
* evelopment Technology
* Features
* Getting Started
* Usage
* Contributors
* Contact Information
## Introduction
Local Dining Guide is a user-friendly platform that aims to connect users with local dining
options. It provides a rich and intuitive interface to search for restaurants, view their menus,
read reviews, and get directions. With a focus on enhancing the dining experience, this
software solution strives to bridge the gap between diners and local eateries.
```

24. Resolving the conflict by removing the markers.

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update_final|CHERRY-PICKING)

$ git add .

BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update_final|CHERRY-PICKING)

$ |
```

25. Adding the README.md file after resolving conflict.

```
GJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (development)
$ git pull origin development
 remote: Enumerating objects: 6, done.
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (4/4), 2.15 KiB | 137.00 KiB/s, done.
Doc(README.md): Updated README.md top section
Readme.md topmost section is modifiled by @dev-sharif-hasan as per requirements given in the req
uirement pdf. Markdown is used to maintain proper documentation
 ef:#Group Member 1 Task
 # Conflicts:
 # If this is not correct, please run
# git update-ref -d CHERRY_PICK_HEAD
```

26. Console after the cherry-pick continue command

```
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update_final)
$ git log --oneline
8db22e5 (HEAD -> task1update_final) Doc(README.md): Updated README.md top section eb390a4 (origin/development, origin/HEAD, development) Merge pull request #1 from dev-sharif-has
an/readme-patch
66f00c2 Doc(README.md): Update README.md
905a5d9 (origin/main, main) Initial commit
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update_final)
```

27. Cherry pick successful

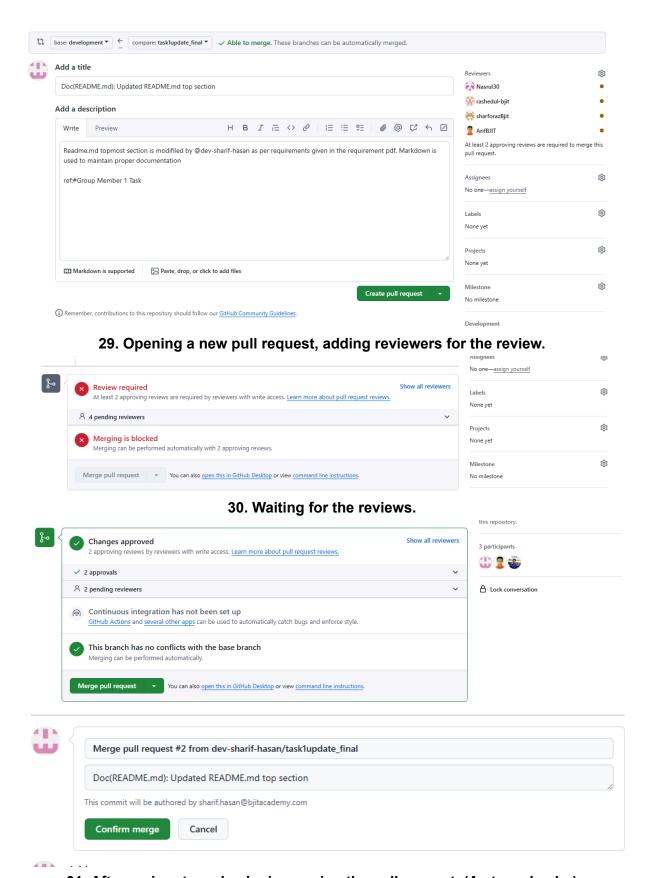
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update_final)

remote: remote:

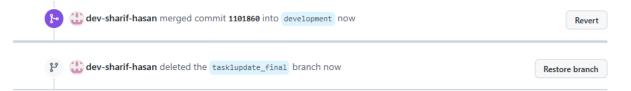
```
$ git push origin task1update_final
                  SBB960 MINGW64 ~/Desktop/BJIT-Force (task1update_final)
$ git push origin task1update_final
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 1.13 KiB | 1.13 MiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'task1update_final' on GitHub by visiting:
```

```
https://github.com/dev-sharif-hasan/BJIT-Force/pull/new/task1update_final
To github.com:dev-sharif-hasan/BJIT-Force.git
* [new branch]
                    task1update_final -> task1update_final
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (task1update_final)
```

28. Pushing the branch to the remote respiratory



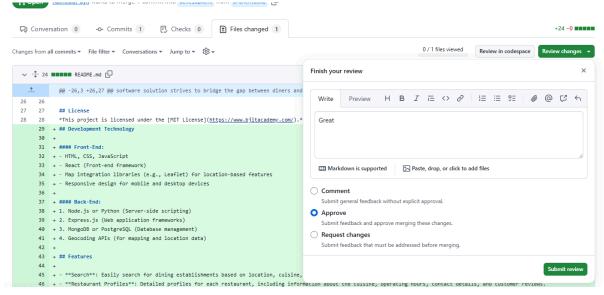
31. After review, team leader is merging the pull request. (As team leader)



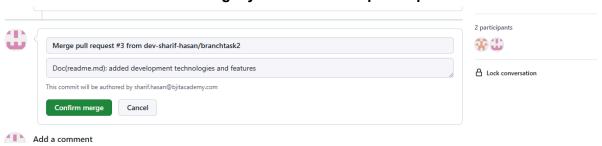
32. The branch is deleted after the merge. (As team leader)

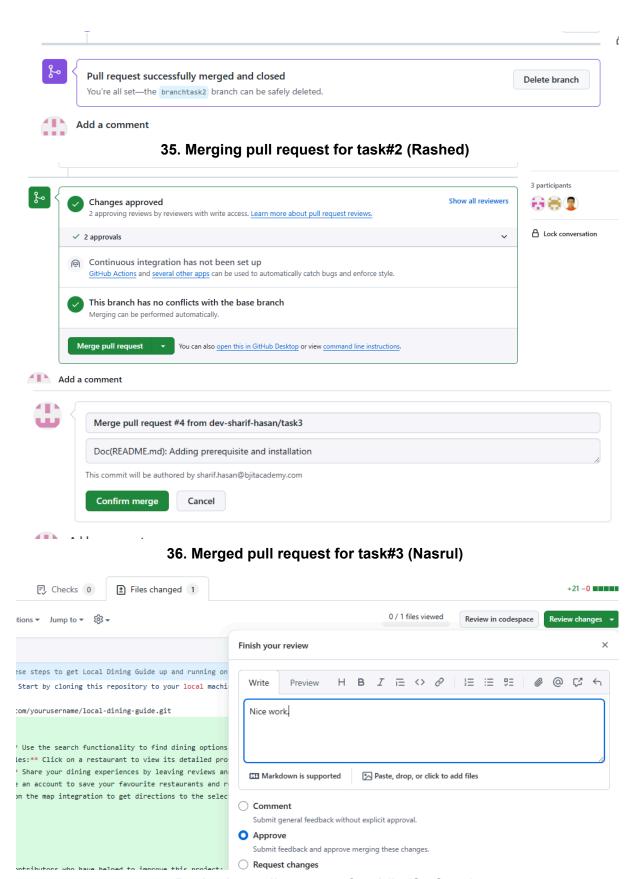
```
JIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (development)
 git pull origin development
remote: Enumerating objects: 1, done.
remote: Counting objects: 100\% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (1/1), 926 bytes | 231.00 KiB/s, done.
From github.com:dev-sharif-hasan/BJIT-Force
                   development -> FETCH_HEAD
 * branch
  eb390a4..1101860 development -> origin/development
Updating eb390a4..1101860
Fast-forward
1 file changed, 20 insertions(+)
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (development)
$ git branch -d task1update_final
Deleted branch task1update_final (was 8db22e5).
BJIT@DESKTOP-FSBB960 MINGW64 ~/Desktop/BJIT-Force (development)
```

33. Pulling the updates in the development branch then deleting the local working branch.

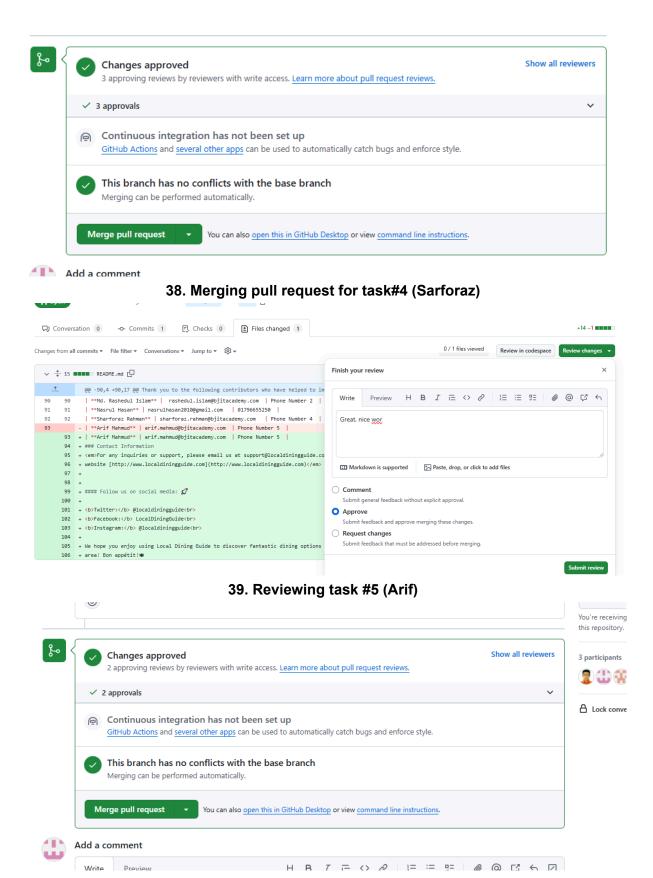


34. Reviewing my team members pull request.





37. Reviewing pull request of task#4 (Sarforaz).



40. Merging pull request for task#5 (Arif)