

Steps of the Github Task

Step 1: Creating the repository

✔ [git-github-training](#) is available.

Great repository names are short and memorable. Need inspiration? How about [automatic-telegram](#)?

Description (optional)

☒ **Public**
Anyone on the Internet can see this repository. You choose who can commit.

☐ **Private**
You choose who can see and commit to this repository.

Initialize this repository with:

☒ **Add a README file**
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

.gitignore template: **None**

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

License: **None**

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

This will set **main** as the default branch. Change the default name in your [settings](#).

📘 You are creating a public repository in your personal account.

Create repository

Step 2: Adding the branch protection rule

<> Code Issues Pull requests Actions Projects Wiki Security Insights **Settings**

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Rules **Beta**

Actions

Webhooks

Environments

Codespaces

Pages

Security

Code security and analysis

Deploy keys

Secrets and variables

Branch protection rule

Branch name pattern *

main

Applies to 1 branch

main

Protect matching branches

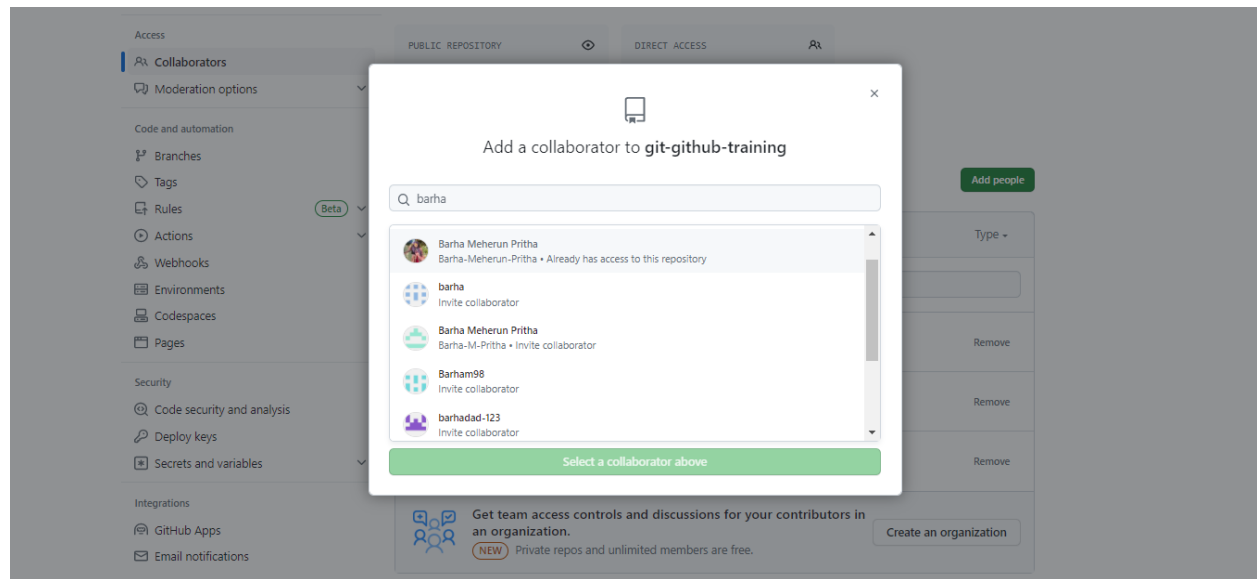
☒ **Require a pull request before merging**
When enabled, all commits must be made to a non-protected branch and submitted via a pull request before they can be merged into a branch that matches this rule.

☒ **Require approvals**
When enabled, pull requests targeting a matching branch require a number of approvals and no changes requested before they can be merged.

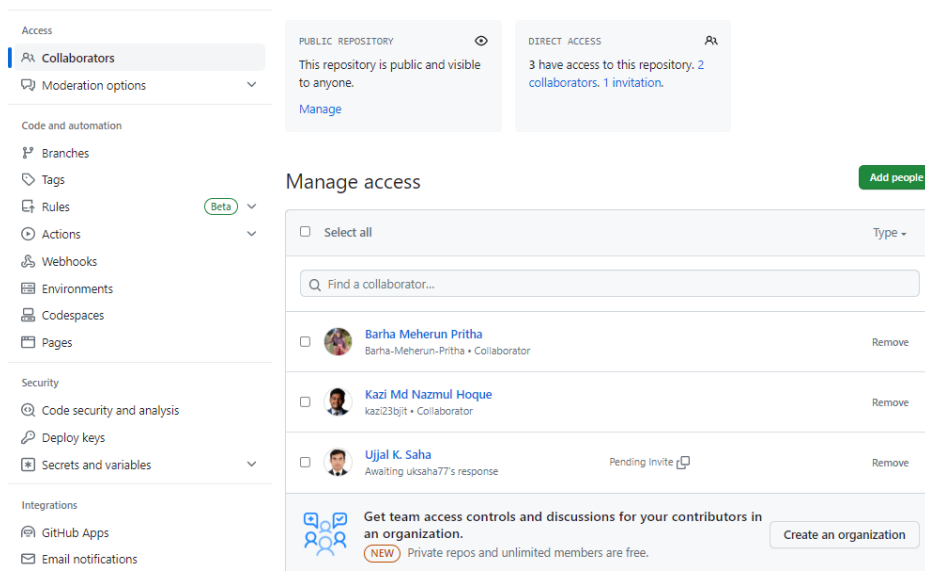
Required number of approvals before merging: **1**

☐ **Dismiss stale pull request approvals when new commits are pushed**
New reviewable commits pushed to a matching branch will dismiss pull request review approvals.

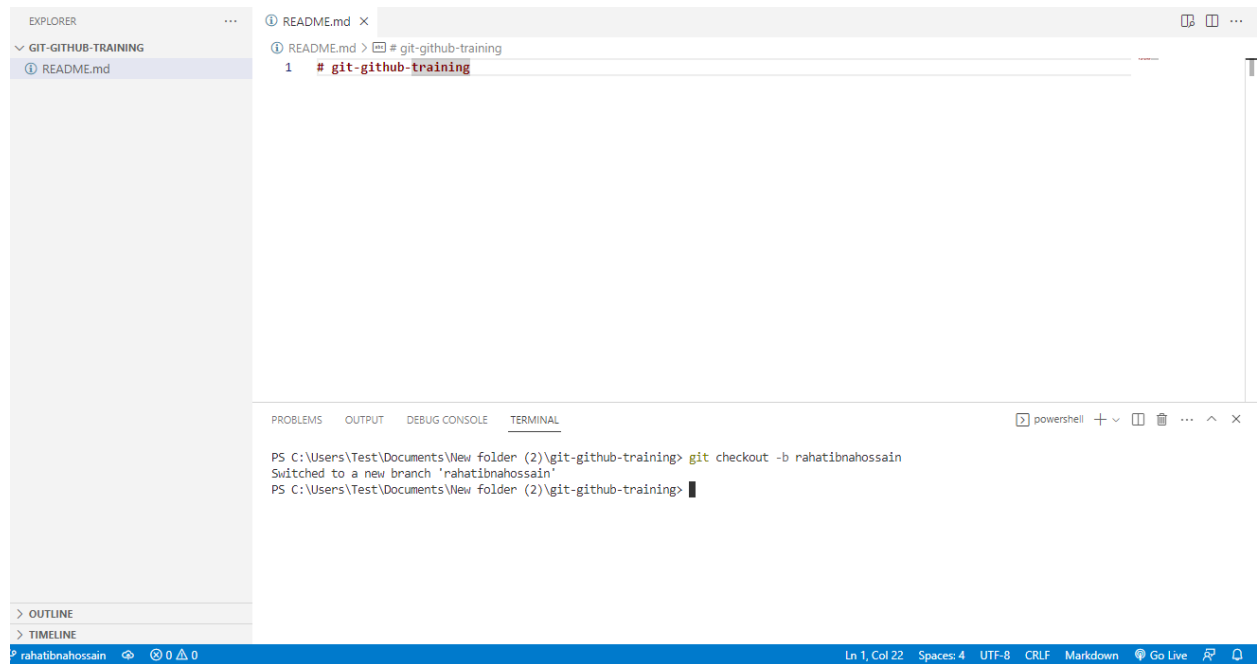
Step 3: Adding Contributors



Step 4: List of contributors



Step 5: Creating a new branch named “rahatibnahossain”



The screenshot shows the Visual Studio Code interface. The Explorer pane on the left shows a folder named 'GIT-GITHUB-TRAINING' with a file 'README.md'. The main editor area shows the 'README.md' file with the following content:

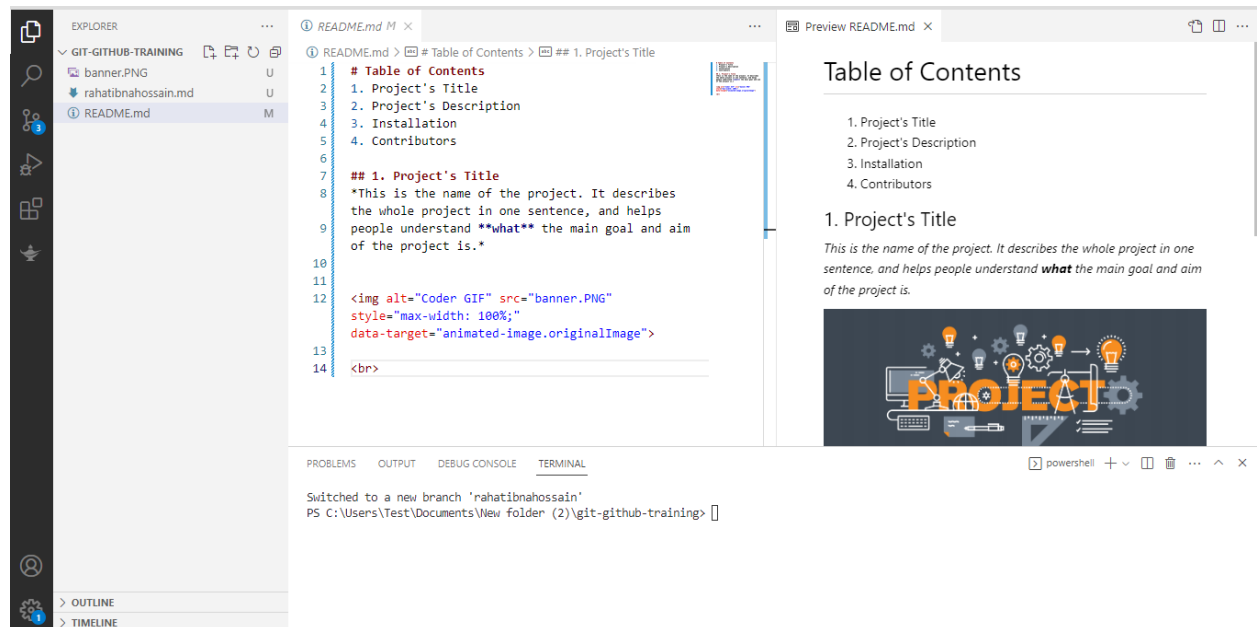
```
1 # git-github-training
```

The Terminal pane at the bottom shows the following commands and output:

```
PS C:\Users\Test\Documents\New folder (2)\git-github-training> git checkout -b rahatibnahossain
Switched to a new branch 'rahatibnahossain'
PS C:\Users\Test\Documents\New folder (2)\git-github-training>
```

The status bar at the bottom indicates the current branch is 'rahatibnahossain'.

Step 6: Completed Task 1



The screenshot shows the Visual Studio Code interface with the 'README.md' file open. The Explorer pane on the left shows the folder 'GIT-GITHUB-TRAINING' with files 'banner.PNG', 'rahatibnahossain.md', and 'README.md'. The main editor area shows the 'README.md' file with the following content:

```
1 # Table of Contents
2 1. Project's Title
3 2. Project's Description
4 3. Installation
5 4. Contributors
6
7 ## 1. Project's Title
8 *This is the name of the project. It describes
9 the whole project in one sentence, and helps
10 people understand what the main goal and aim
11 of the project is.*
12
13 
16
17 <br>
```

The Preview pane on the right shows the rendered content of the 'README.md' file, including the 'Table of Contents' and the '1. Project's Title' section. The Terminal pane at the bottom shows the following commands and output:

```
Switched to a new branch 'rahatibnahossain'
PS C:\Users\Test\Documents\New folder (2)\git-github-training>
```

The status bar at the bottom indicates the current branch is 'rahatibnahossain'.

Step 7: Checking the status

Source Control: Message (Ctrl+Enter to commit on...)

Commit

Changes:

- banner.PNG U
- rahatibnahossain.md U
- README.md M

README.md > # Table of Contents > ## 1. Project's Title

```
1 # Table of Contents
2 1. Project's Title
3 2. Project's Description
4 3. Installation
5 4. Contributors
6
7 ## 1. Project's Title
8 *This is the name of the project. It describes
9 the whole project in one sentence, and helps
10 people understand what the main goal and aim
11 of the project is.*
12
13 
```

Table of Contents

1. Project's Title
2. Project's Description
3. Installation
4. Contributors

1. Project's Title

*This is the name of the project. It describes the whole project in one sentence, and helps people understand **what** the main goal and aim of the project is.*

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS C:\Users\Test\Documents\New folder (2)\git-github-training> git checkout -b rahatibnahossain
Switched to a new branch 'rahatibnahossain'
PS C:\Users\Test\Documents\New folder (2)\git-github-training> git status
On branch rahatibnahossain
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

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        banner.PNG
        rahatibnahossain.md

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\Test\Documents\New folder (2)\git-github-training>
```

Step 8: Added the changes, committed, checked to the main branch and pulled for changes and everything was updated. As everything was updated no need to merge.

EXPLORER

GIT-GITHUB-TRAINING

- README.md

README.md > # git-github-training

```
1 # git-github-training
```

git-github-training

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
banner.PNG
rahatibnahossain.md

no changes added to commit (use "git add" and/or "git commit -a")
PS C:\Users\Test\Documents\New folder (2)\git-github-training> git add .
PS C:\Users\Test\Documents\New folder (2)\git-github-training> git commit -m "Git-Training-Task:Rahat Ibna Hossain" -m "Done by Rahat" -m "Refs #3 0070"
[rahatibnahossain aa01fbb] Git-Training-Task:Rahat Ibna Hossain
3 files changed, 179 insertions(+), 1 deletion(-)
create mode 100644 banner.PNG
create mode 100644 rahatibnahossain.md
PS C:\Users\Test\Documents\New folder (2)\git-github-training> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\Test\Documents\New folder (2)\git-github-training> git pull
Already up to date.
PS C:\Users\Test\Documents\New folder (2)\git-github-training>
```

Step 9: Push the branch to github

The screenshot shows the Visual Studio Code interface. On the left, the Explorer pane shows the project structure: `GIT-GITHUB-TRAINING` with files `banner.PNG`, `rahatibnahossain.md`, and `README.md`. The main editor displays the `README.md` file with the following content:

```
1 # Table of Contents
2 1. Project's Title
3 2. Project's Description
4 3. Installation
5 4. Contributors
6
7 ## 1. Project's Title
8 *This is the name of the project. It describes
9 the whole project in one sentence, and helps
10 people understand what the main goal and aim
11 of the project is.*
12
13 
```

On the right, the Preview pane shows the rendered HTML of the README, including a Table of Contents and the first section titled "1. Project's Title". At the bottom, the Terminal pane shows the following output:

```
Already up to date.
PS C:\Users\Test\Documents\New folder (2)\git-github-training> git checkout rahatibnahossain
Switched to branch 'rahatibnahossain'
PS C:\Users\Test\Documents\New folder (2)\git-github-training> git push origin rahatibnahossain
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 4 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 73.10 KiB | 284.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'rahatibnahossain' on GitHub by visiting:
remote:   https://github.com/RahatBJIT/git-github-training/pull/new/rahatibnahossain
remote:
To github.com:RahatBJIT/git-github-training.git
 * [new branch] rahatibnahossain -> rahatibnahossain
PS C:\Users\Test\Documents\New folder (2)\git-github-training>
```

Step 10: Compare and pull the request

The screenshot shows the GitHub repository page for `RahatBJIT/git-github-training`. The repository is public and has 0 stars, 1 watching, and 0 forks. The main branch is `main`, and there are 2 branches and 0 tags. The repository has a README file, which is displayed in the main content area with the title `git-github-training`. The right sidebar shows the repository's metadata, including the README, stars, watching, forks, releases, and packages. The bottom of the page shows the repository's URL and the option to compare and pull the request.

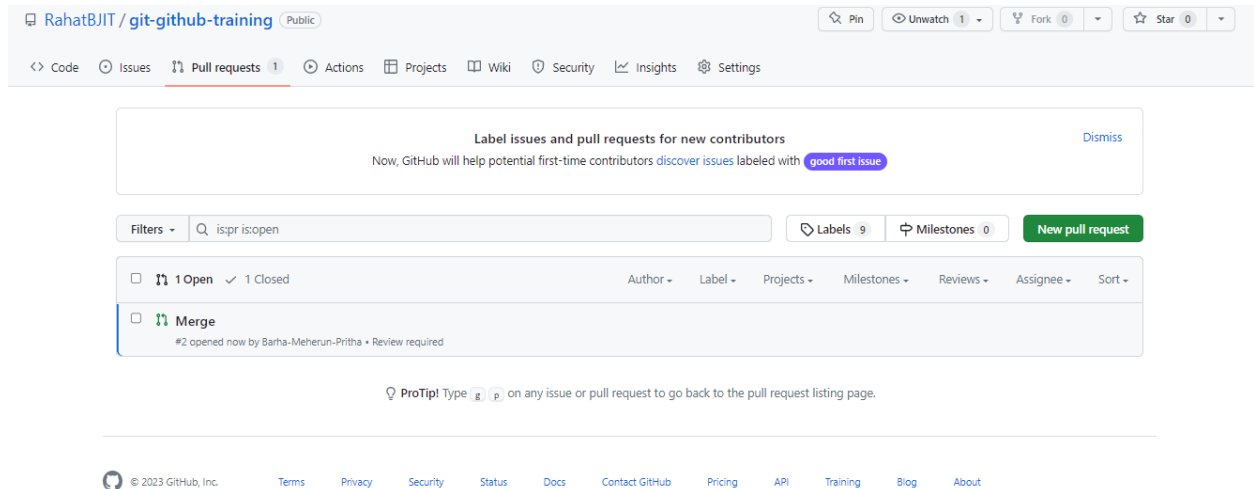
Step 11: Create the PR and assign it. As I am the team leader I did not request to any one.

The screenshot shows the GitHub 'Open a pull request' page. At the top, there's a navigation bar with links to Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below this, the heading 'Open a pull request' is followed by a subtext: 'Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).' The main area has a dropdown for 'base: main' and a dropdown for 'compare: rahatibnahossain', with a green checkmark and text 'Able to merge. These branches can be automatically merged.' Below this is a text area for the pull request title, currently containing 'Git-Training-Task:Rahat Ibna Hossain'. To the right of the title are tabs for 'Write' and 'Preview', and a rich text editor toolbar. The description area contains the text 'Done by Rahat' and 'Refs #30070'. Below the description is a green button labeled 'Create pull request'. On the right side, there are sections for 'Reviewers' (No reviews—at least 1 approving review is required.), 'Assignees' (Assign up to 10 people to this pull request. Type or choose a user.), and 'Suggestions' (A list of users including RahatBJIT, Barha-Meherun-Pritha, kazi23bjit, and uksaha77). At the bottom right, there's a 'Development' section with a note about closing keywords.

Step 12: Merge it to main and delete the branch

The screenshot shows the GitHub pull request history and merge details. At the top, there's a navigation bar with links to Conversation, Commits, Checks, and Files changed. Below this, the heading 'Git-Training-Task:Rahat Ibna Hossain' is followed by a subtext: 'RahatBJIT merged 1 commit into main from rahatibnahossain 1 minute ago'. The main area shows a list of actions: 'RahatBJIT commented 4 minutes ago' (Done by Rahat, Refs #30070), 'RahatBJIT self-assigned this 3 minutes ago', 'RahatBJIT merged commit safec2 into main 1 minute ago' (with a 'Revert' button), and 'RahatBJIT deleted the rahatibnahossain branch now' (with a 'Restore branch' button). On the right side, there are sections for 'Reviewers' (No reviews), 'Assignees' (RahatBJIT), 'Labels' (None yet), 'Projects' (None yet), 'Milestone' (No milestone), 'Development' (Successfully merging this pull request may close these issues. None yet), and 'Notifications' (Customize).

Step 13: Merge the request from a contributor



The screenshot shows the GitHub interface for the repository `RahatBJIT / git-github-training`. The `Pull requests` tab is selected, showing 1 pull request. A banner at the top encourages labeling issues and pull requests for new contributors. The pull request list shows a merge request by Barha-Meherun-Pritha, which is open and requires a review. The footer contains the GitHub logo, copyright information, and various links like Terms, Privacy, Security, Status, Docs, Contact GitHub, Pricing, API, Training, Blog, and About.

Label issues and pull requests for new contributors
Now, GitHub will help potential first-time contributors [discover issues](#) labeled with `good first issue`

Filters Labels 9 Milestones 0 [New pull request](#)

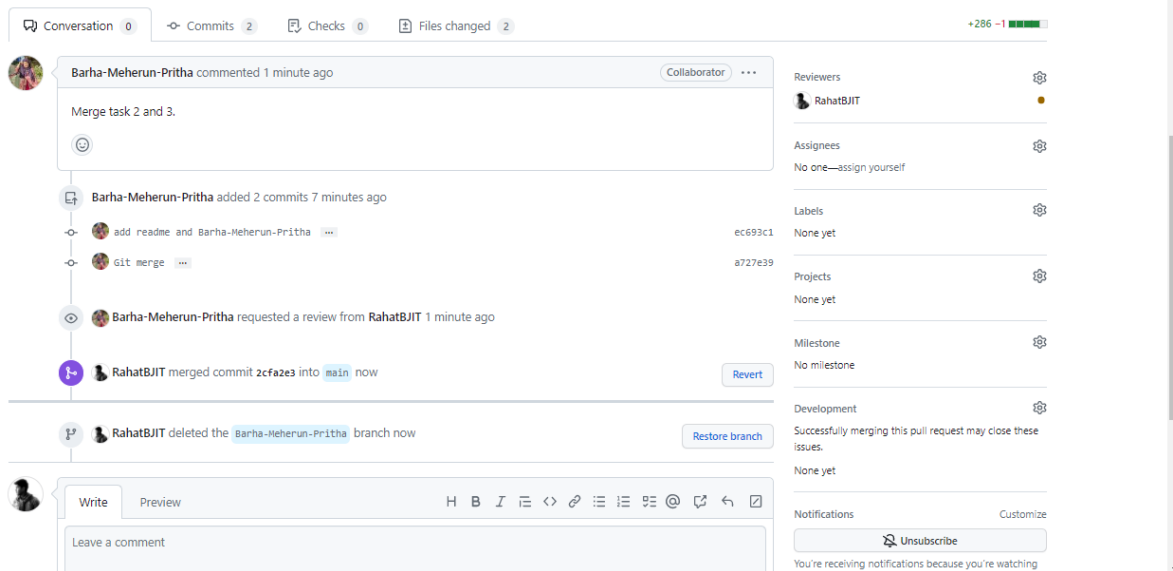
1 Open 1 Closed Author Label Projects Milestones Reviews Assignee Sort

☐ Merge
#2 opened now by Barha-Meherun-Pritha • Review required

ProTip! Type `g` `p` on any issue or pull request to go back to the pull request listing page.

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Step 14: Merge the branch and delete it.



The screenshot shows the conversation and commit history for a pull request. The conversation includes a comment from Barha-Meherun-Pritha asking to merge tasks 2 and 3, and a response from RahatBJIT stating that the branch has been deleted. The commit history shows two commits: 'add readme and Barha-Meherun-Pritha' and 'Git merge'. The right sidebar shows the pull request details, including reviewers, assignees, labels, projects, milestones, and development status.

Conversation 0 Commits 2 Checks 0 Files changed 2 +286 -1

Barha-Meherun-Pritha commented 1 minute ago Collaborator
Merge task 2 and 3.

Barha-Meherun-Pritha added 2 commits 7 minutes ago
add readme and Barha-Meherun-Pritha
Git merge

Barha-Meherun-Pritha requested a review from RahatBJIT 1 minute ago

RahatBJIT merged commit `zcfaze3` into `main` now [Revert](#)

RahatBJIT deleted the `Barha-Meherun-Pritha` branch now [Restore branch](#)

Write Preview [H](#) [B](#) [I](#) [E](#) [<>](#) [@](#) [↩](#) [↪](#)

Leave a comment

Reviewers
RahatBJIT

Assignees
No one—assign yourself

Labels
None yet

Projects
None yet

Milestone
No milestone

Development
Successfully merging this pull request may close these issues.
None yet

Notifications
[Unsubscribe](#) Customize
You're receiving notifications because you're watching

Step 15: Merge from another


Conversation 0

Commits 3

Checks 0

Files changed 2

+64 -0




kazi23bjit commented 1 minute ago

Collaborator


...

Added task 4.

😊




kazi23bjit added 3 commits 1 hour ago




My Profile README

84f0f23




kazi Nazmul: Commit for my part

756cb7e




Added task 4

6b2731e




kazi23bjit requested a review from RahatBJIT 1 minute ago



RahatBJIT merged commit c661683 into main now


Revert



RahatBJIT deleted the kazi-new-branch branch now

Restore branch

Reviewers



RahatBJIT

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

Notifications











Customize

Unsubscribe

You're receiving notifications because you're watching

Write

Preview

H B I          

1 issue's comment