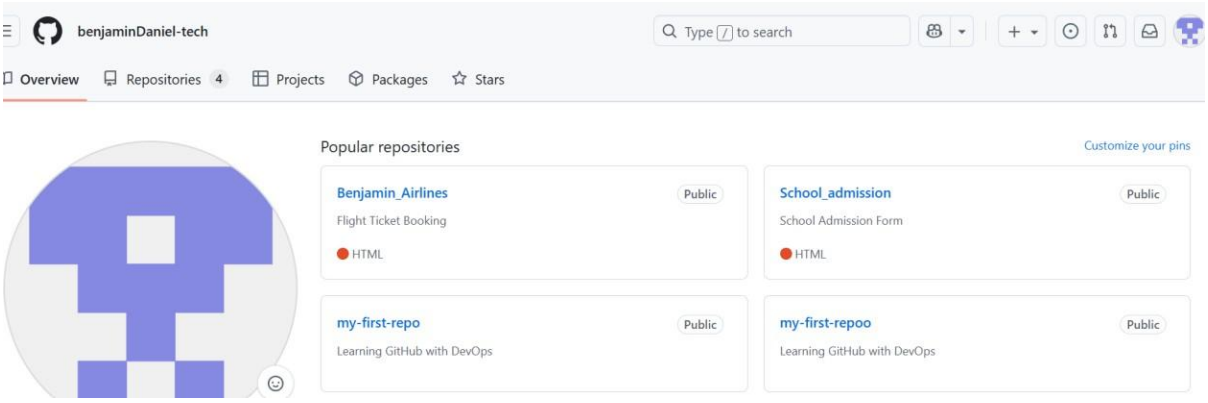
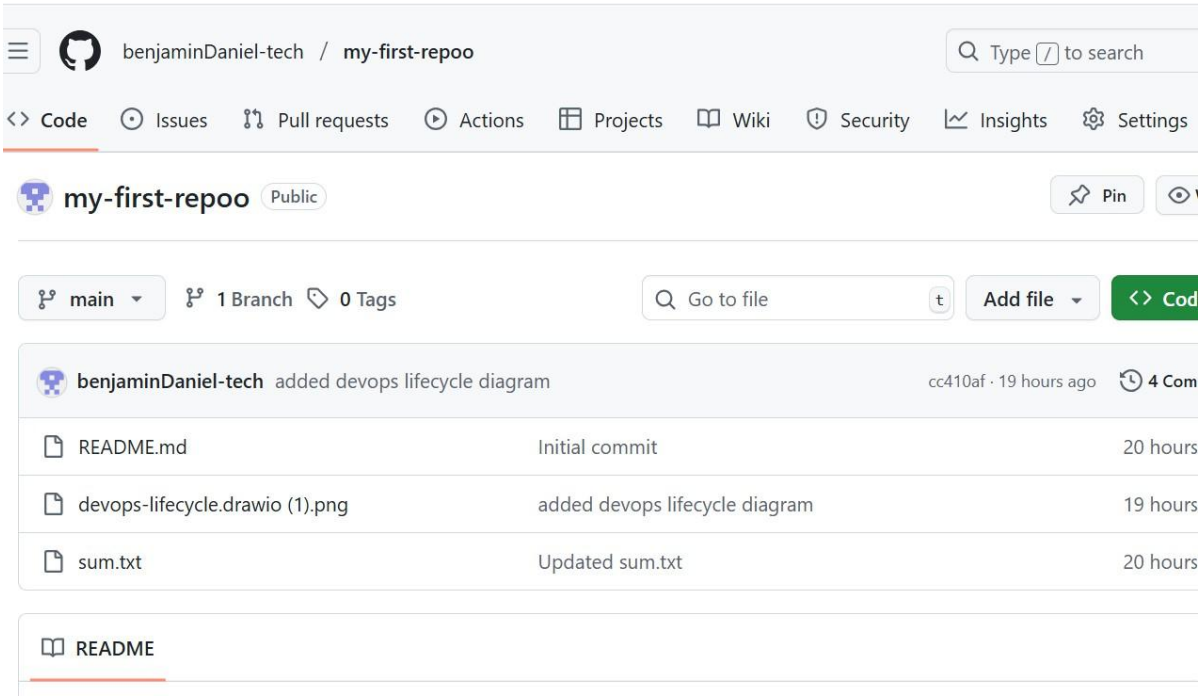
Experiment no: 7

Renaming the Repository using Github Web Interface

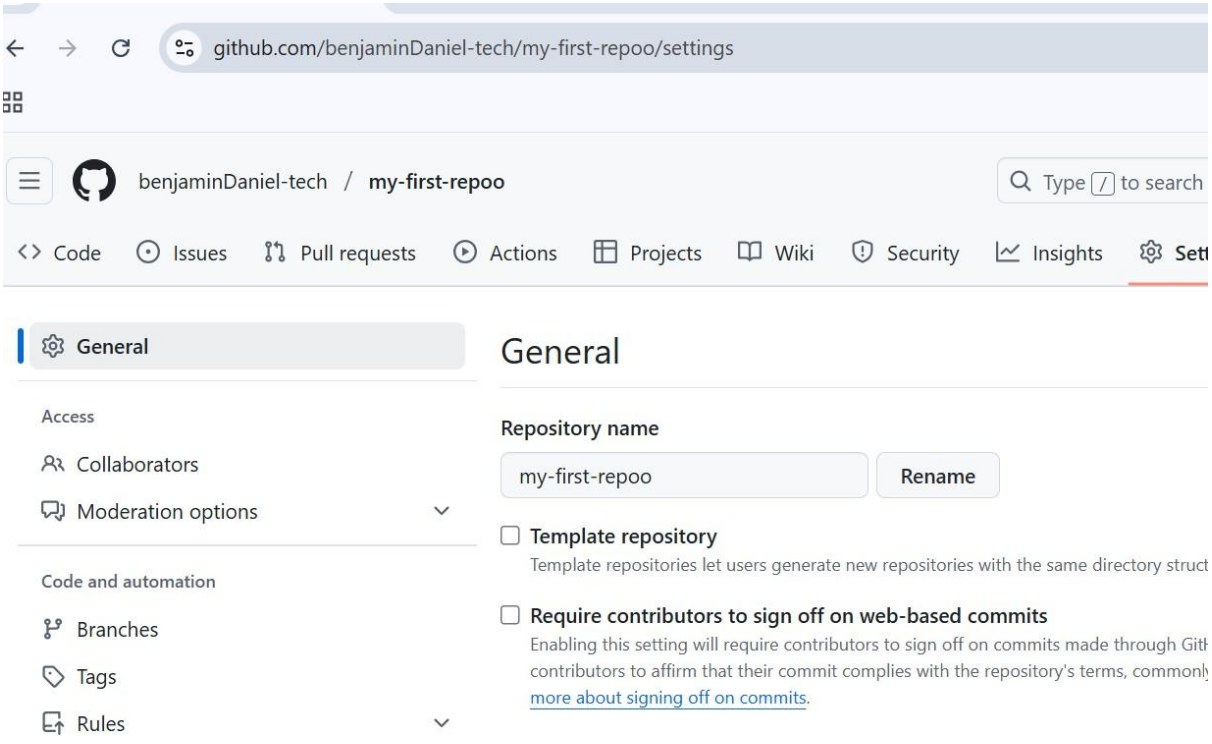
1. Select your Repository that you wanted to rename
(Wanted to Rename **4th Repo from my-first-repoo** to **my-first-repository**



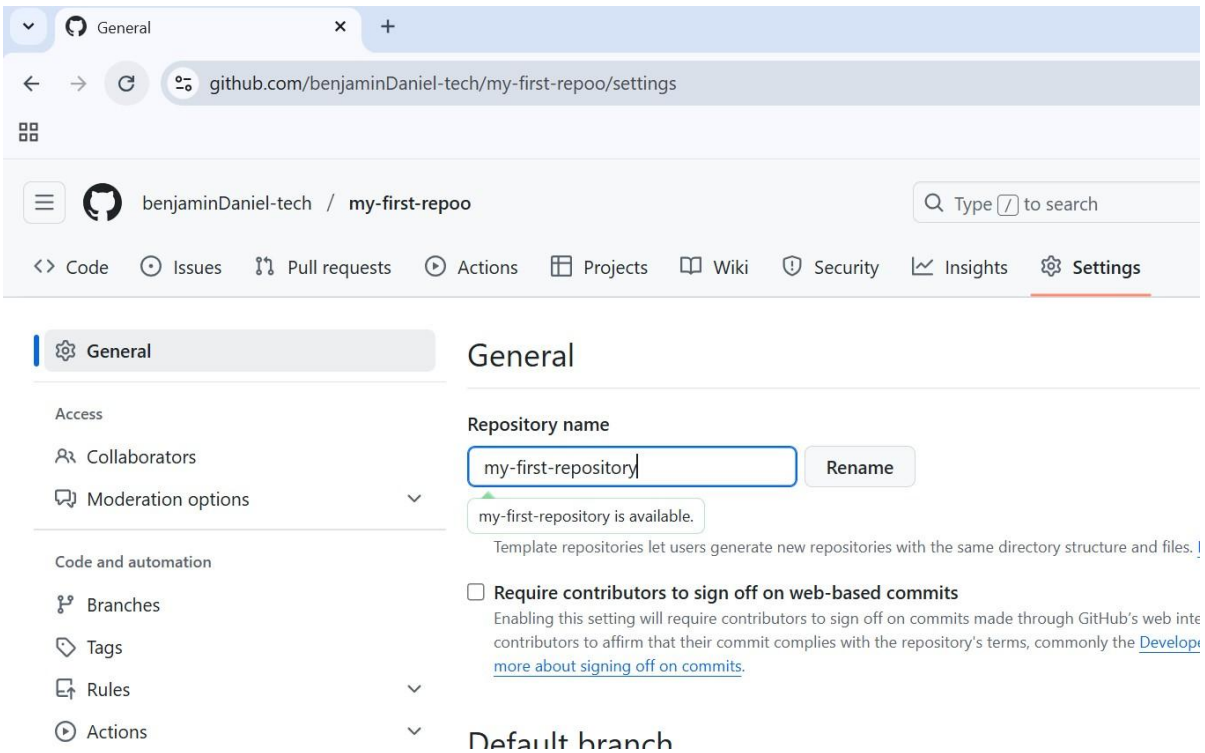
2. Goto settings



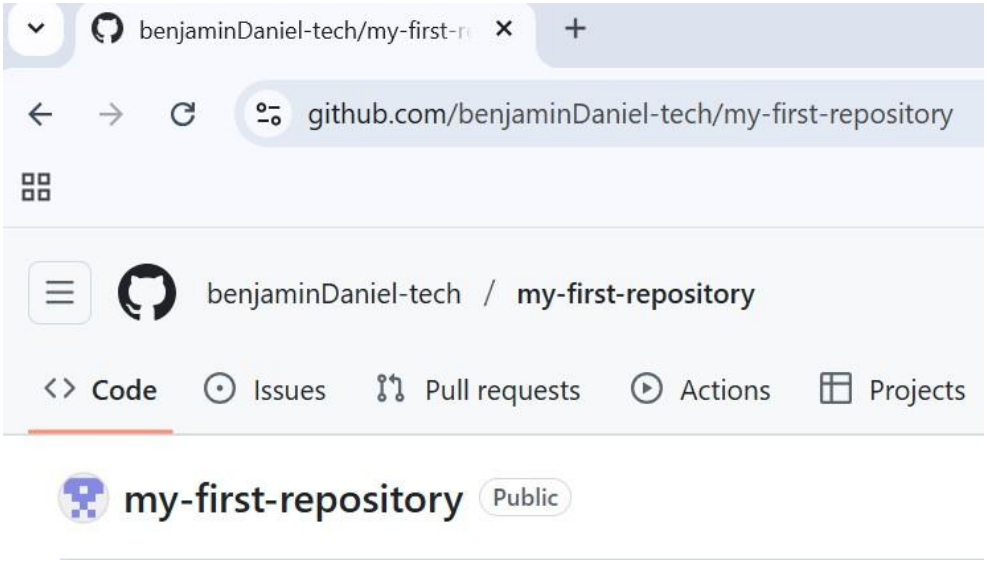
3. In General tab, at the top you will find Repository name label



4. Rename it as per your requirement and click on Rename button to apply changes



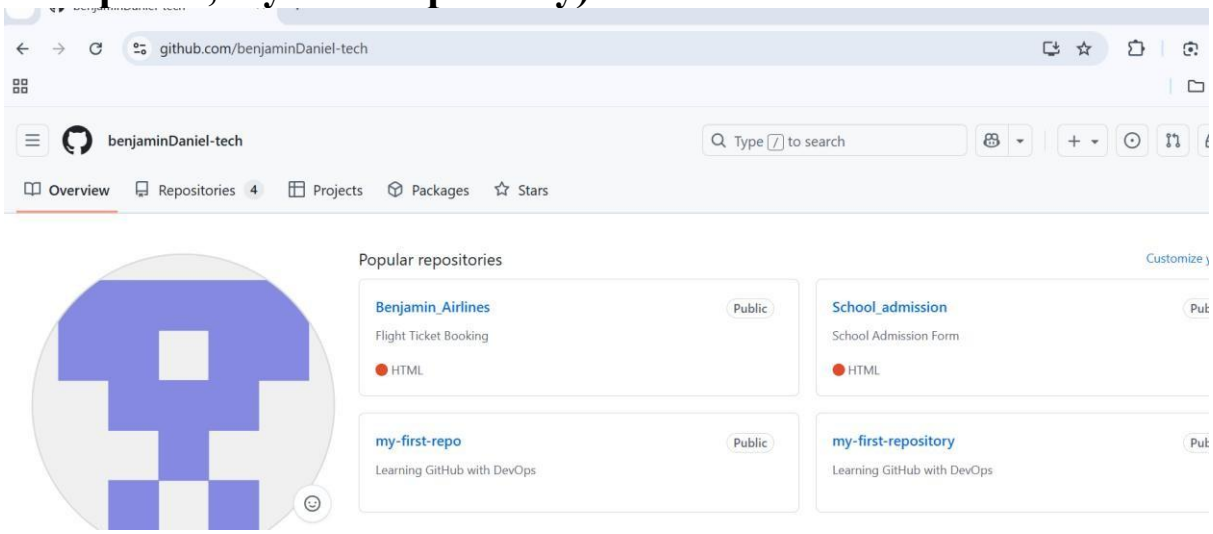
5. Updated Repository name.



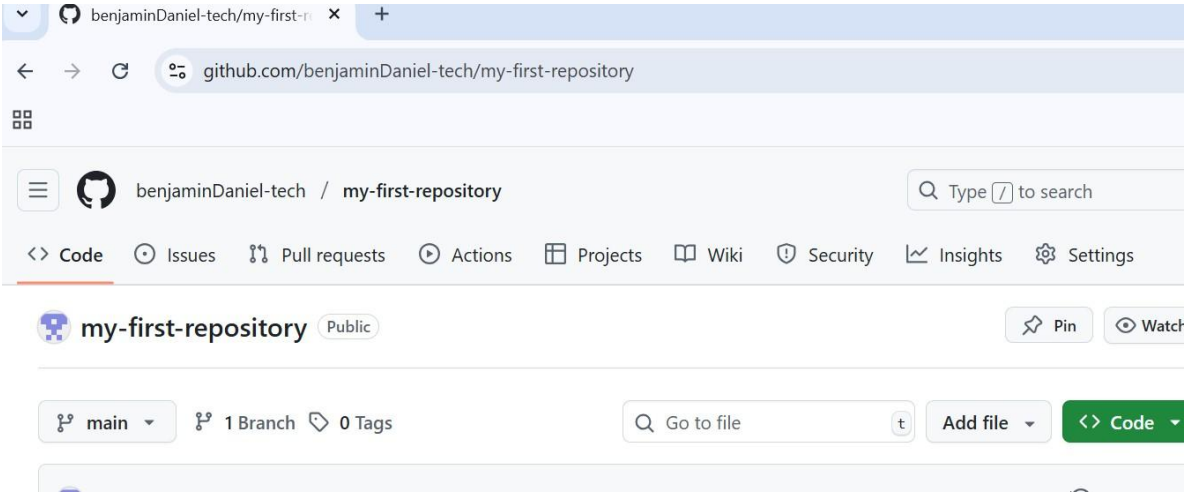
Experiment no: 8

Deletion of Repository using Github Web Interface

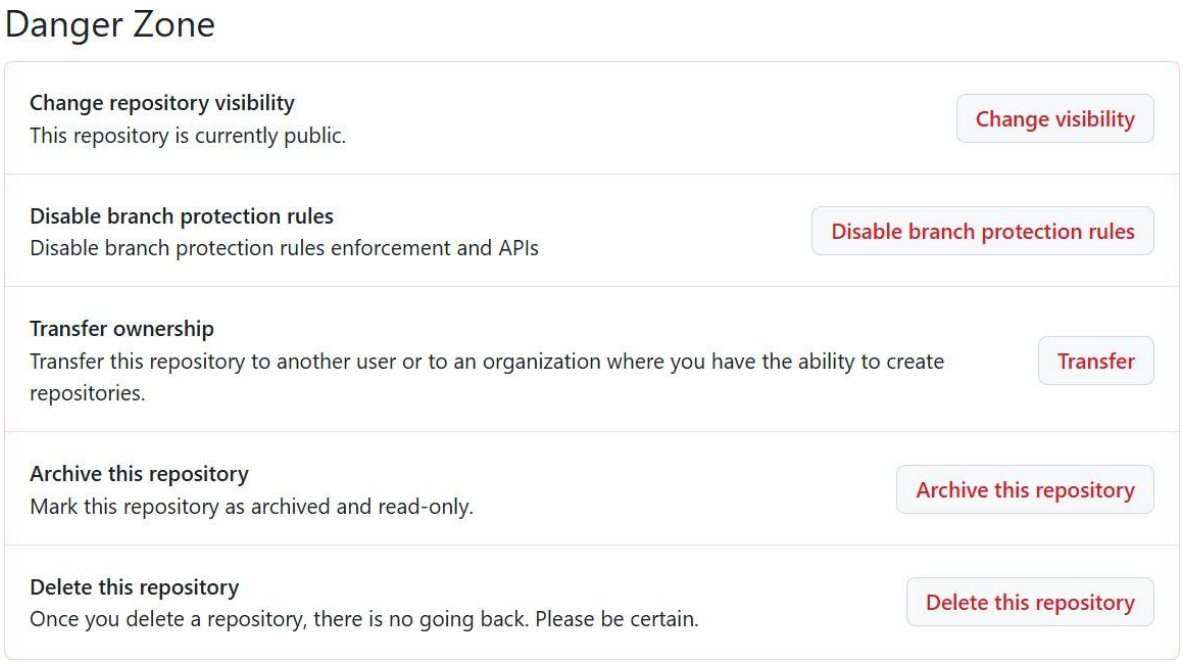
1. Select your Repository that you wanted to delete (Wanted to delete **4th Repo i.e., my-first-repository)**



2. Goto Settings

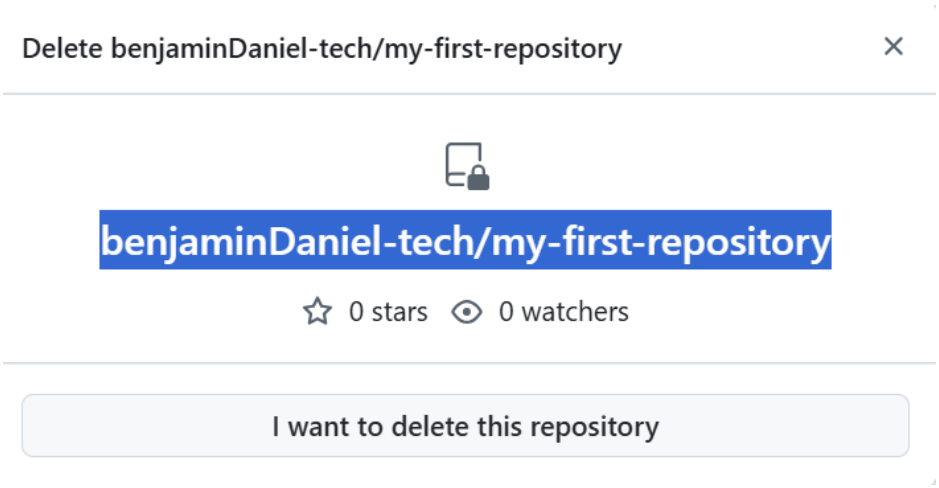


3. Scroll down and search for Danger Zone

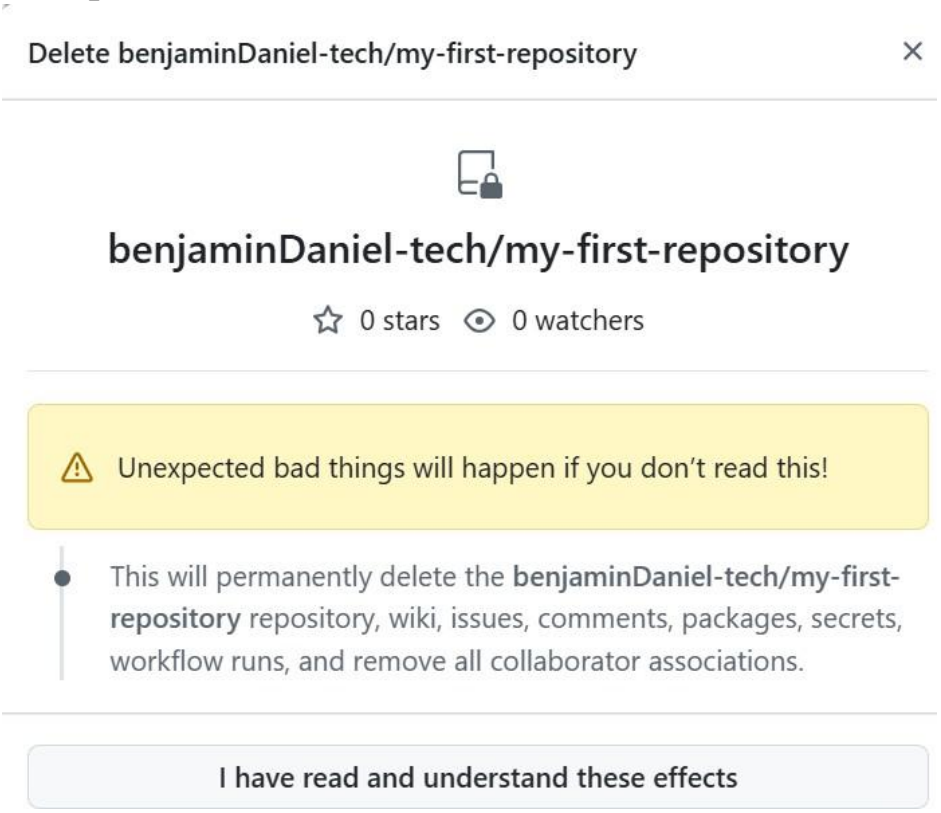


4. Choose last option to Delete this repository

5. Click on the button to delete this repository

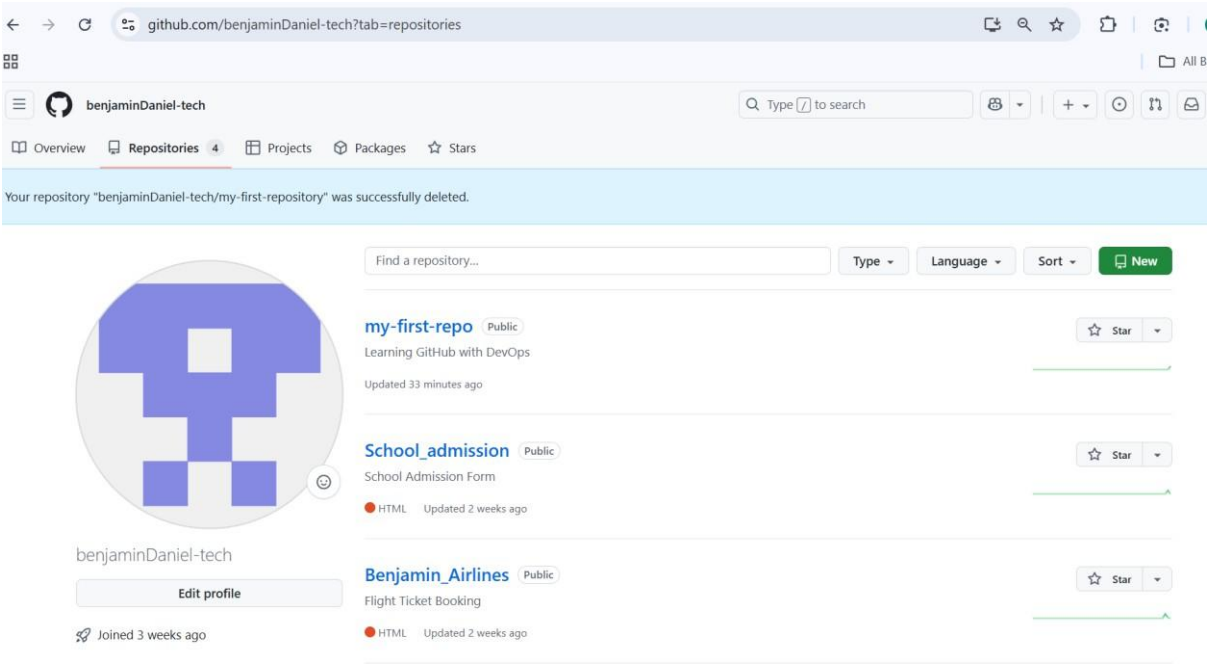


6. Accept the terms and conditions



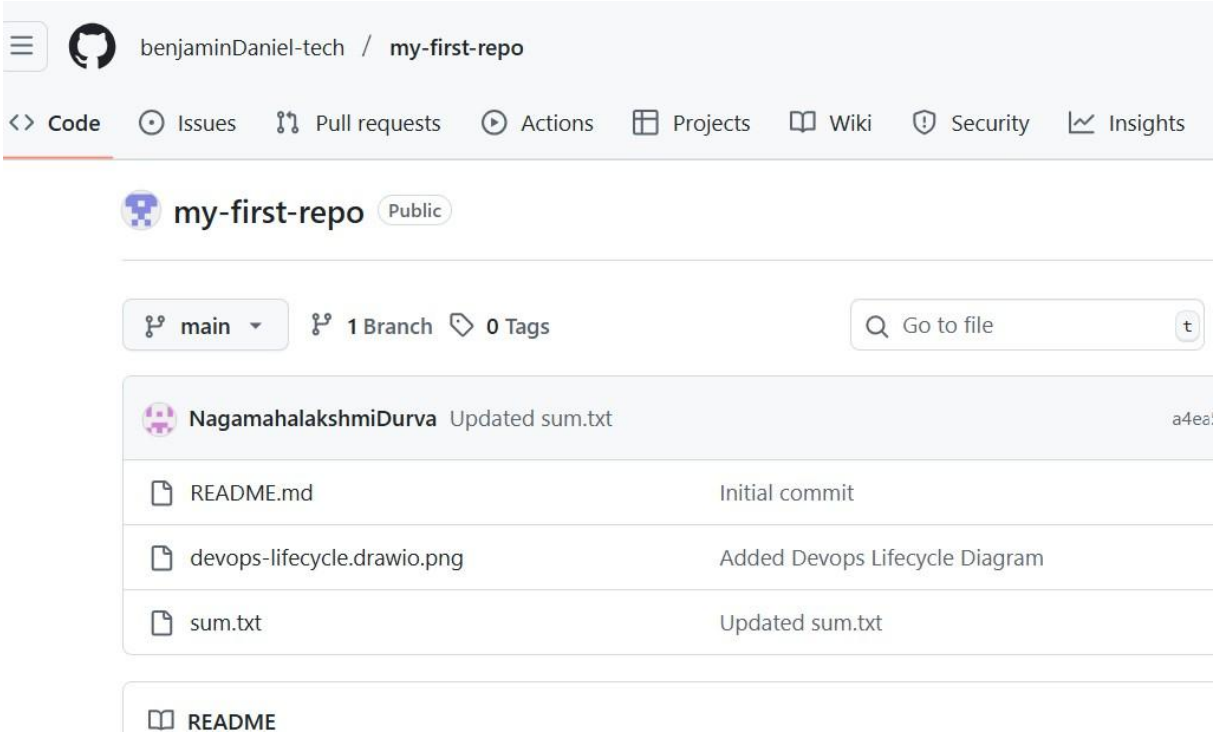
7. Confirm once again to delete it

8. Cross check all you repositories and you will notice that respective repository will be deleted from repositories list in your Github

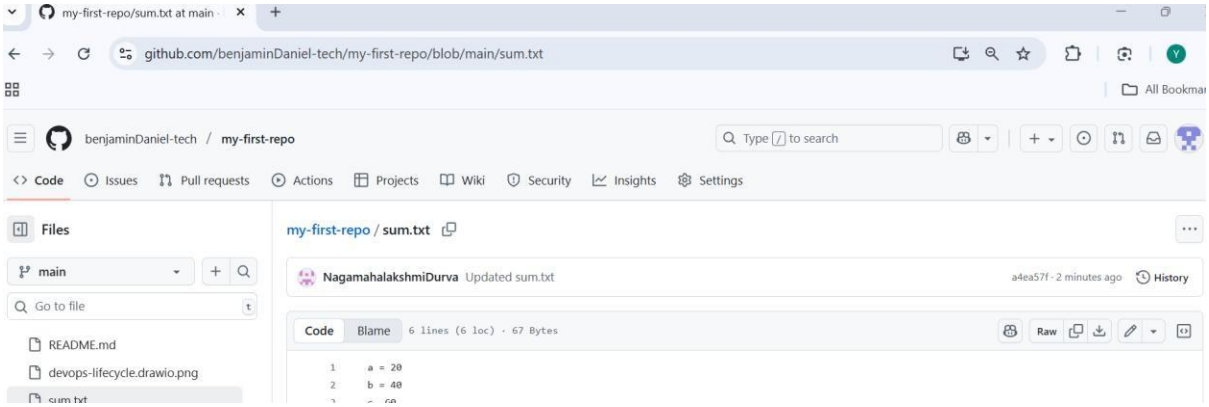


Experiment no: 9
Deletion of file from Repository using Github Web Interface

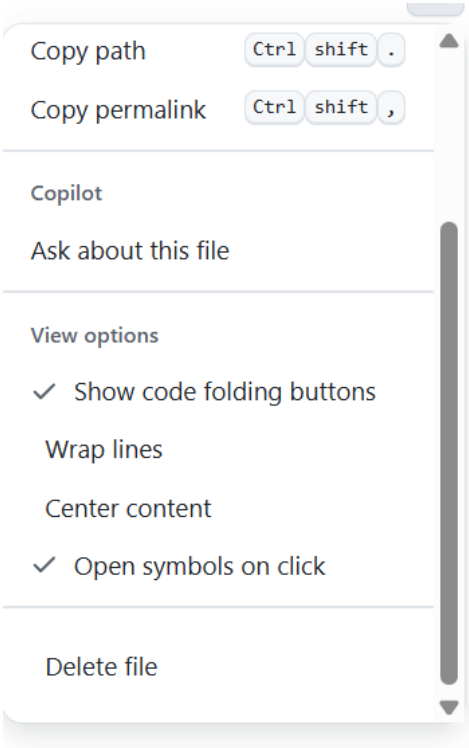
1. Select the file yon wanted to delete it from respective repo



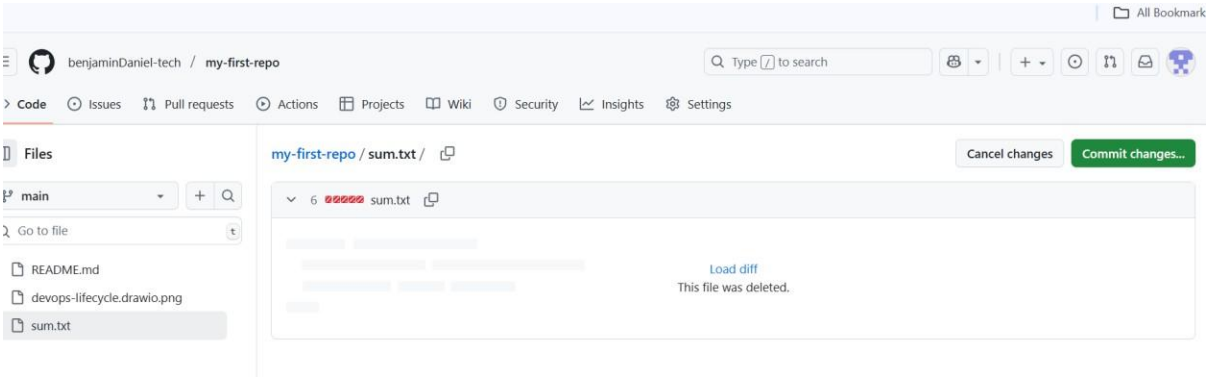
2. Click on the file, again click on **More file actions …**

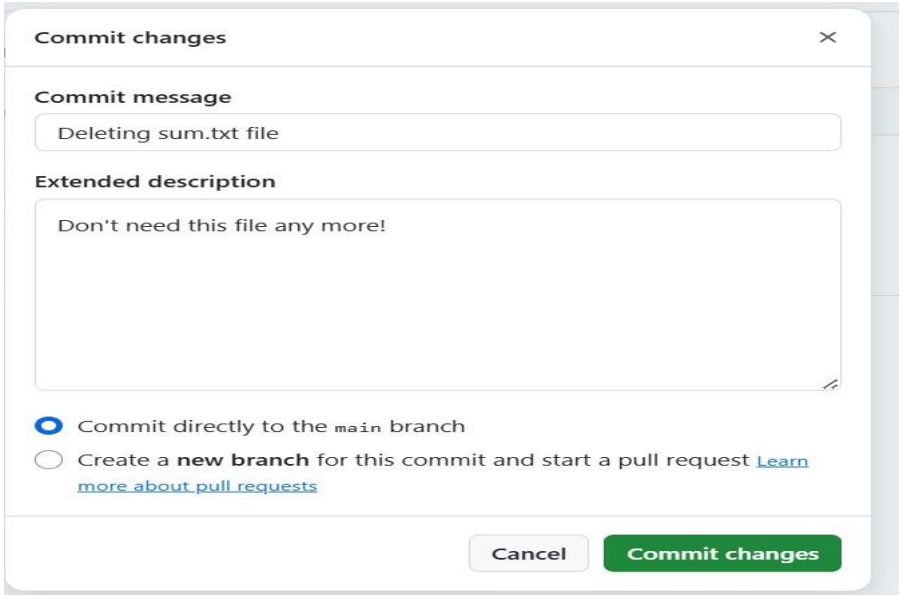


3. Click on Delete file option

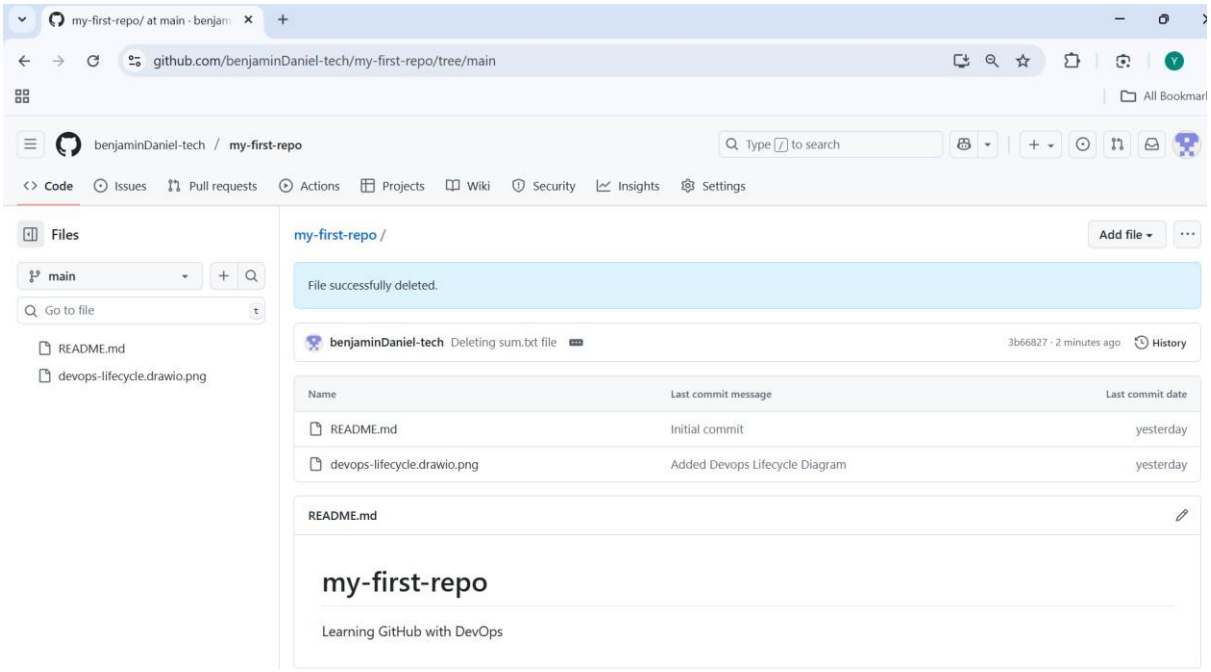


4. Now click on Commit changes button and type Commit message and some description and finally click on commit changes button to apply changes.





5. You will see that particular file will be deleted completely from your repository.



Experiment 10:

Design a DevOps lifecycle that could be applied to a Food Delivery App like Zomato, Swiggy, or Uber Eats.

Experiment 11:

Design and build a basic Web Application based on your own idea using a shared GitHub repository with 2 team members collaborating.

Issue:

An Issue is like a ticket or task card inside your GitHub repository. It's used to:

- Report bugs (errors/problems in code).
- Request new features (something you want added).
- Ask questions or give suggestions.
- Track work items (tasks to be done).

Issues can be created before, during or even after collaboration:

Before collaboration:

- Setting clear tasks/goals → new collaborators immediately know what needs to be worked on.
- Avoiding confusion → instead of asking “what should I do?”, they can just check the Issues tab.
- Providing history & context → even if someone joins later, they can see what problems/features were identified.

You (or the repo owner) can create issues to define tasks, report bugs, or plan features before inviting collaborators.
Example: You create an issue like "Add login page" so that when collaborators join, they already see what needs to be done.

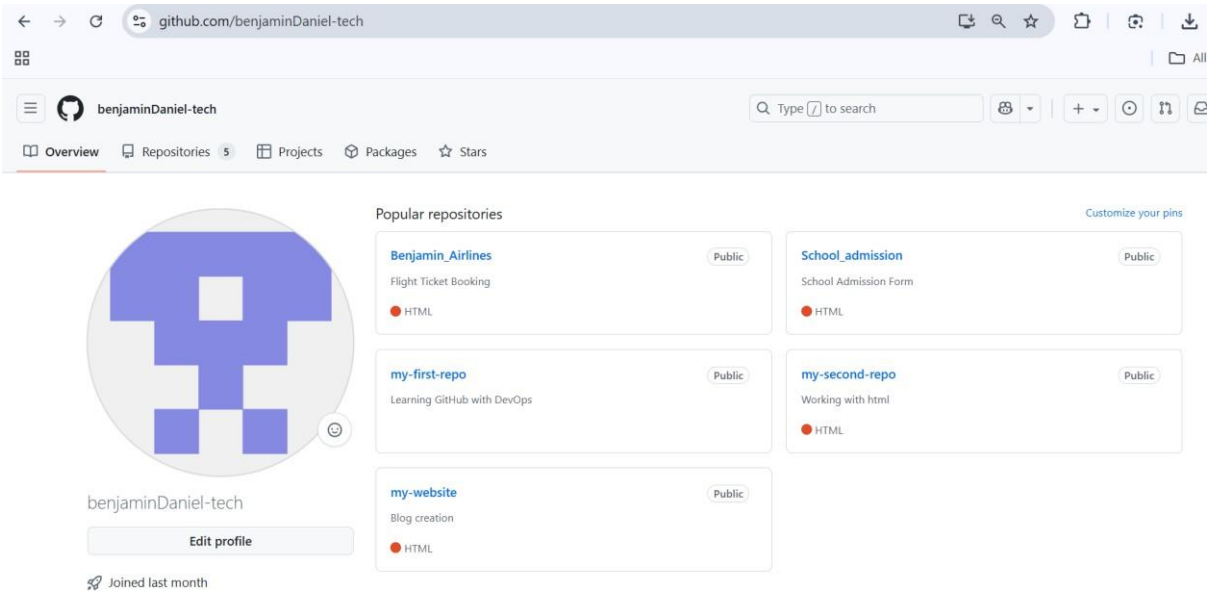
During collaboration:
Issues are commonly created while working together. Team members raise issues to track bugs, feature requests, or improvements as the project evolves.

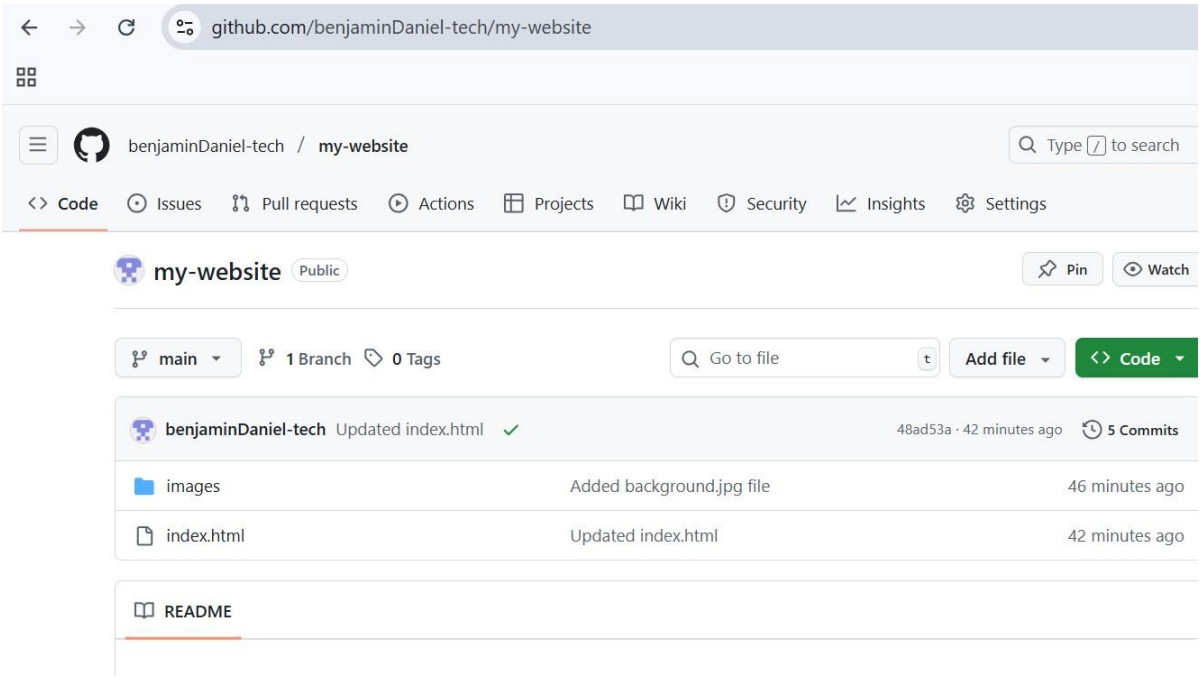
After collaboration:
Even after the main work is done, issues can still be created to suggest future enhancements, maintenance tasks, or document problems found later.

It just acts as a tracking system, and anyone with access (owner, collaborators, or even external contributors, depending on repo settings) can create or comment on issues anytime.

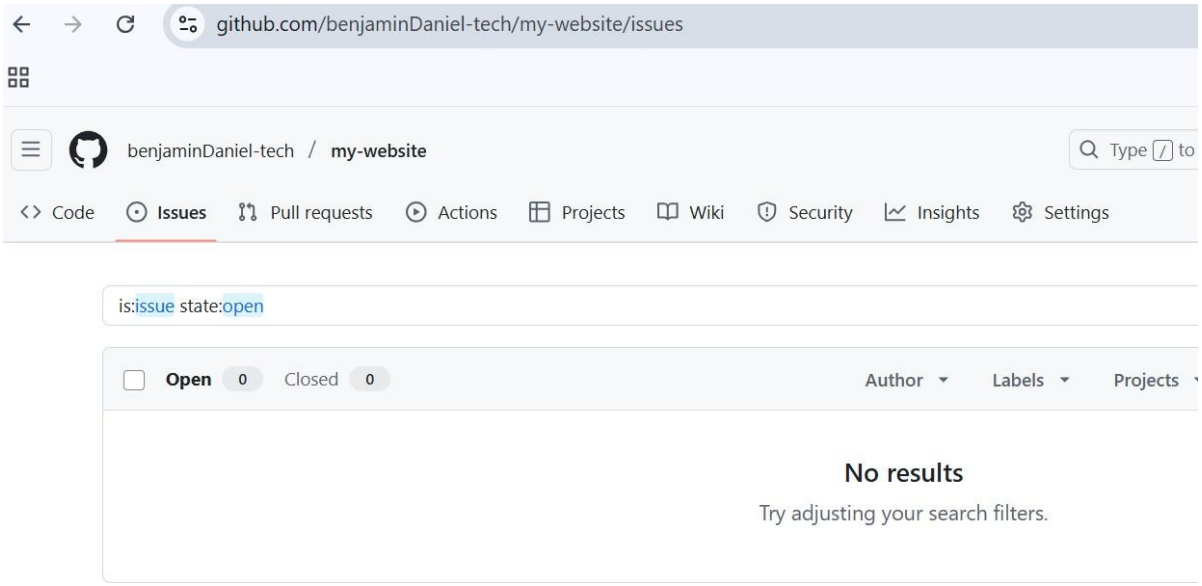
Creating and Managing Issues:

1. **Go to the GitHub repository.**

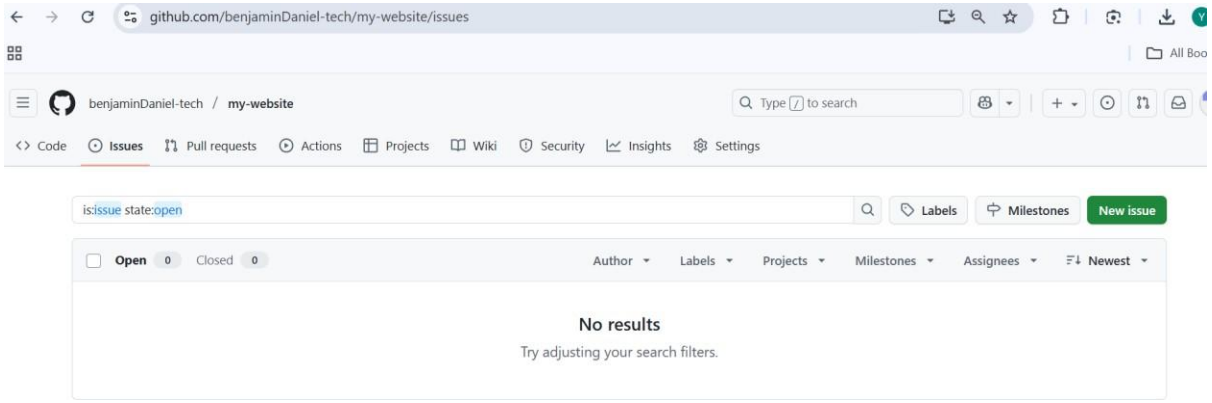




2. **At the top, click the “Issues” tab.**



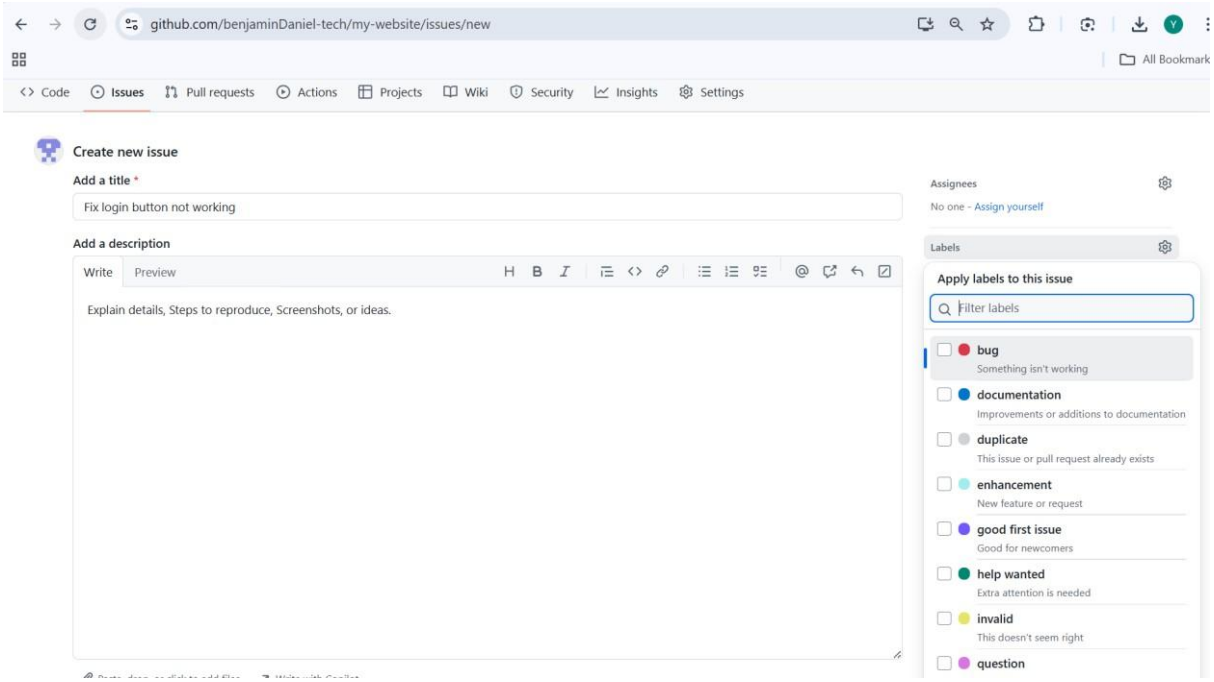
3. **Click “New Issue” (green button).**

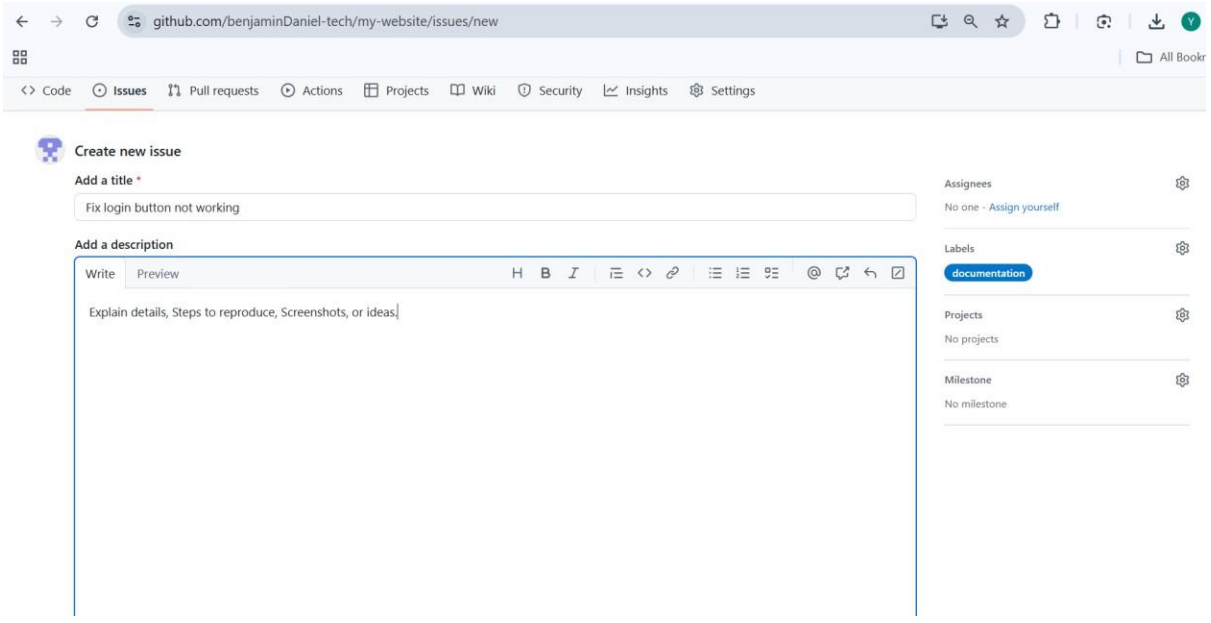


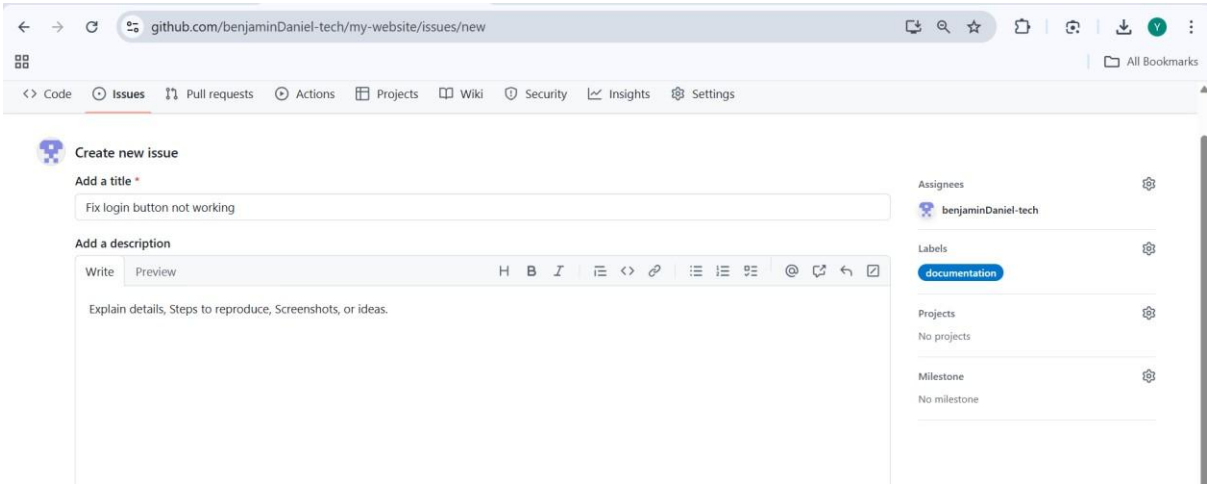
4. Fill out:

Title: short and clear (e.g., “Fix login button not working”). Description: explain details, steps to reproduce, screenshots, or ideas. (Optional) Add:

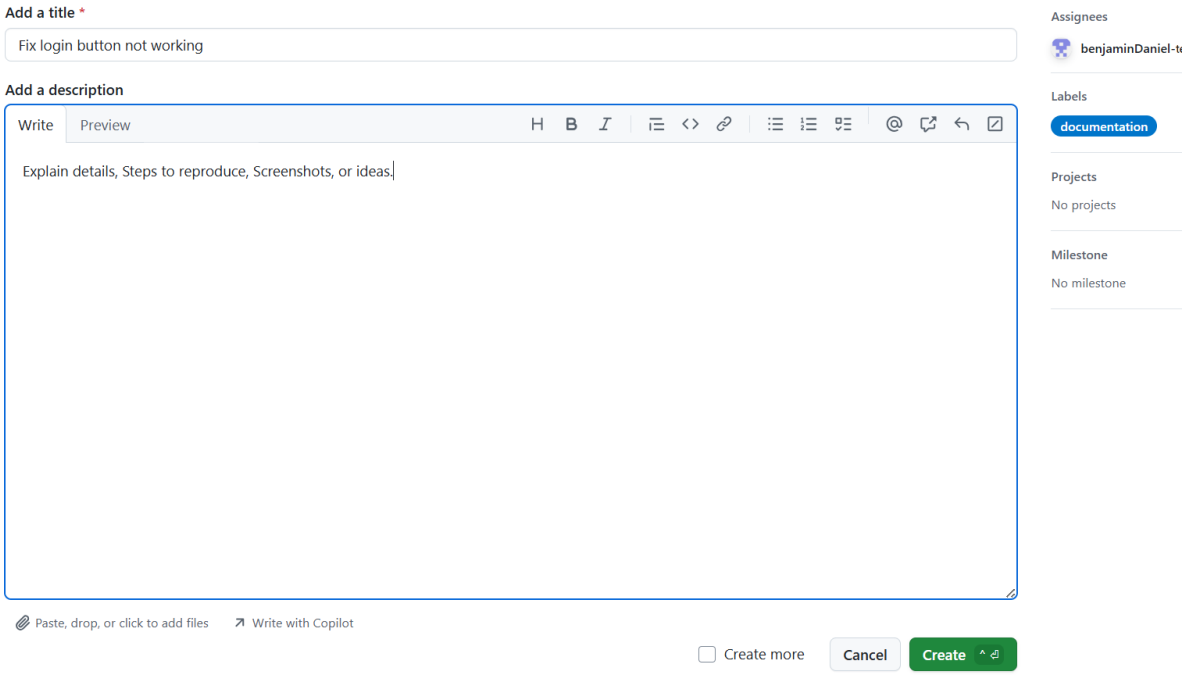
- Labels (e.g., bug, documentation, enhancement).
- Assignees (person responsible).
- Milestones (deadline).


github.com/benjaminDaniel-tech/my-website/issues/new
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Create new issue
Add a title *
Fix login button not working
Add a description
Write
Preview
Explain details, Steps to reproduce, Screenshots, or ideas.
Assignees
No one - Assign yourself
Labels
Apply labels to this issue
Filter labels
bug
Something isn't working
documentation
Improvements or additions to documentation
duplicate
This issue or pull request already exists
enhancement
New feature or request
good first issue
Good for newcomers
help wanted
Extra attention is needed
invalid
This doesn't seem right
question

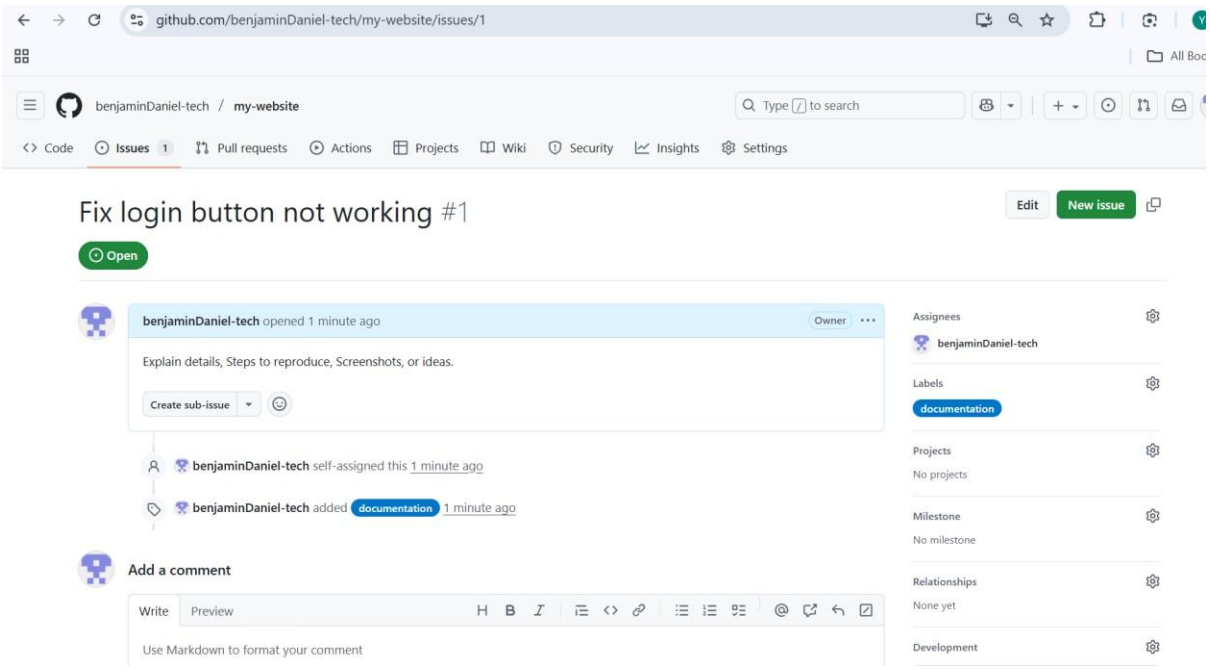

github.com/benjaminDaniel-tech/my-website/issues/new
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Create new issue
Add a title *
Fix login button not working
Add a description
Write
Preview
Explain details, Steps to reproduce, Screenshots, or ideas.
Assignees
No one - Assign yourself
Labels
documentation
Projects
No projects
Milestone
No milestone

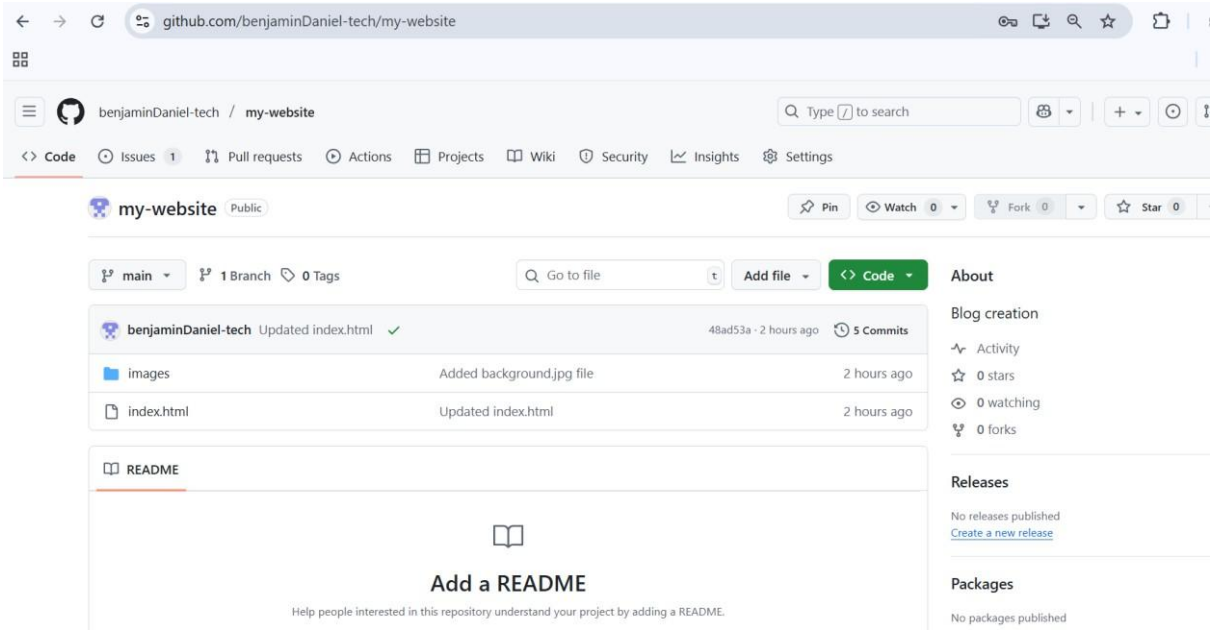

github.com/benjaminDaniel-tech/my-website/issues/new
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Create new issue
Add a title *
Fix login button not working
Add a description
Write
Preview
Explain details, Steps to reproduce, Screenshots, or ideas.
Assignees
benjaminDaniel-tech
Labels
documentation
Projects
No projects
Milestone
No milestone

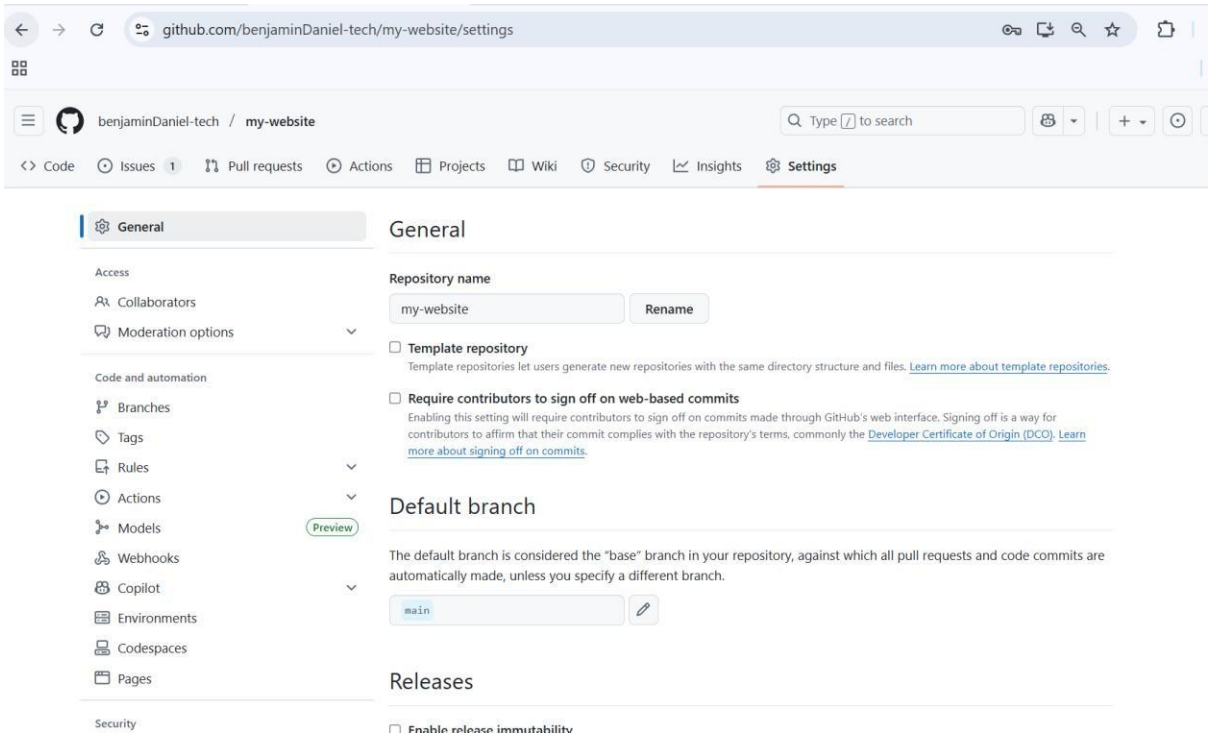
5. **Click on create button to create a new issue.**

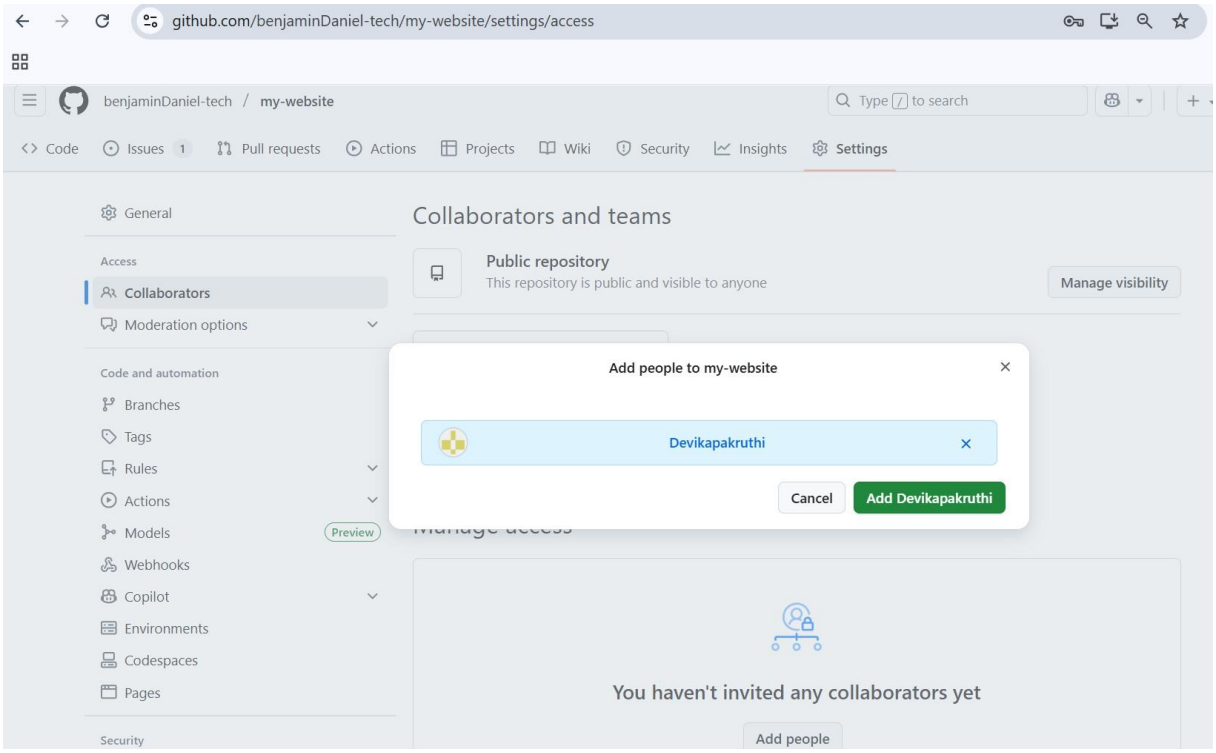


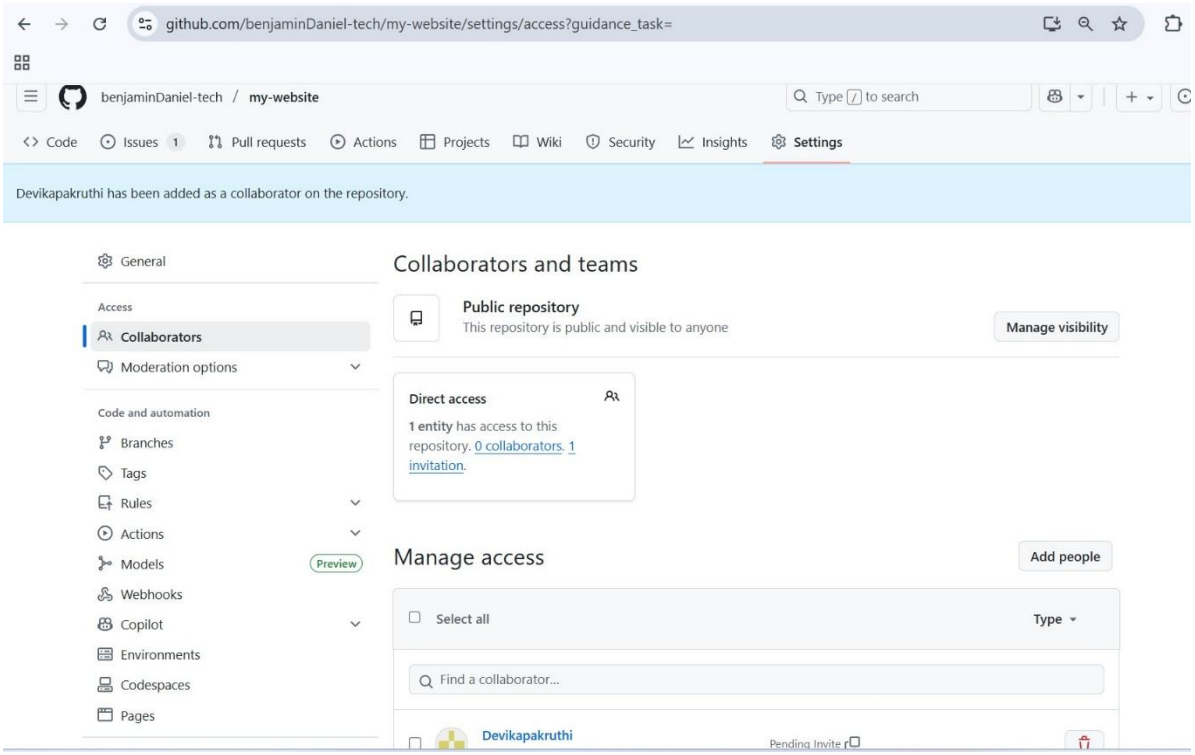
Now, your issue will be created and added to the Issues tab of the repository.

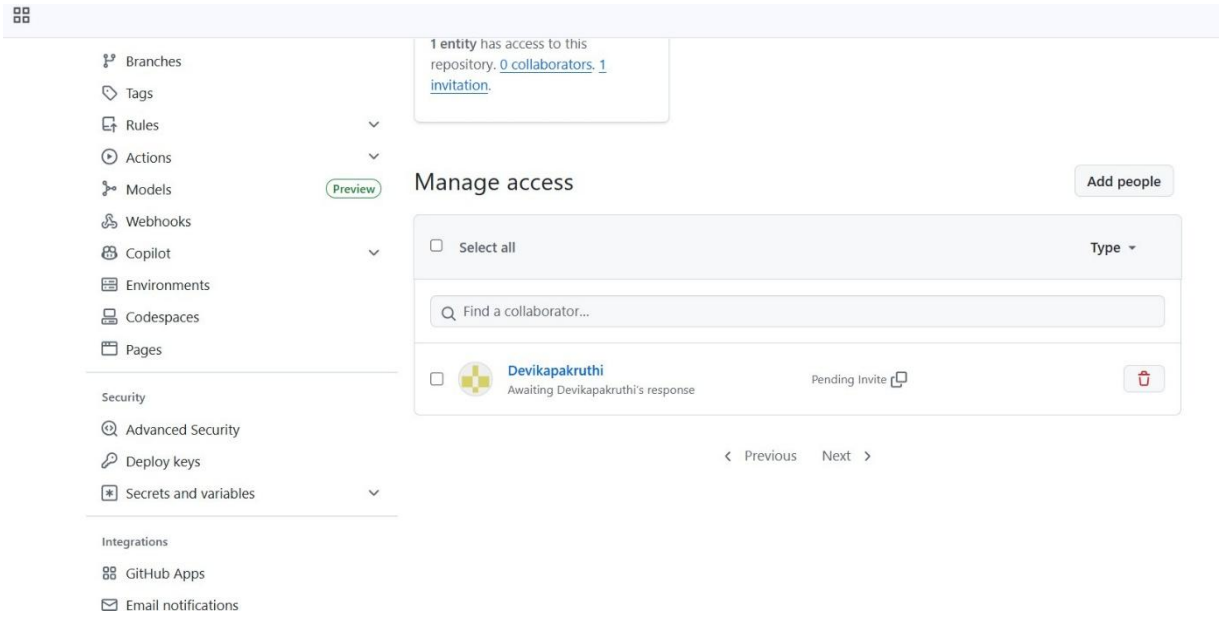


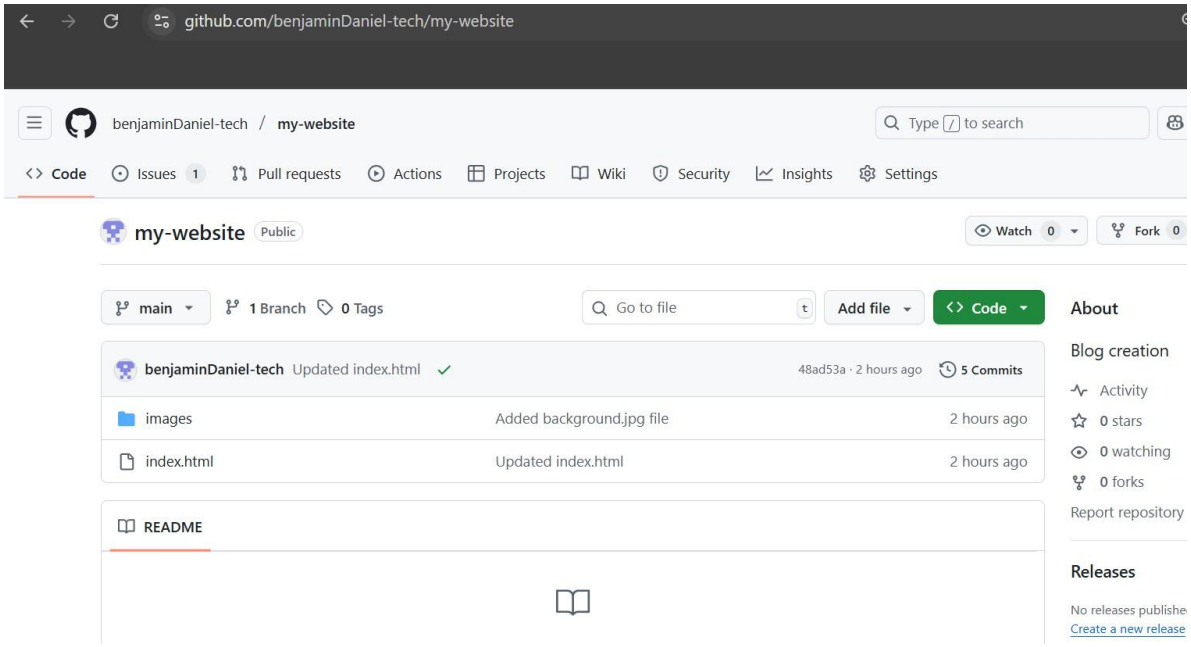

github.com/benjaminDaniel-tech/my-website
benjaminDaniel-tech / my-website
Type / to search
Code
Issues 1
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
my-website
Public
Pin
Watch 0
Fork 0
Star 0
main
1 Branch
0 Tags
Go to file
t
Add file
Code
About
Blog creation
benjaminDaniel-tech Updated index.html
48ad53a · 2 hours ago
5 Commits
images
Added background.jpg file
2 hours ago
index.html
Updated index.html
2 hours ago
Activity
0 stars
0 watching
0 forks
README
Releases
No releases published
Create a new release
Add a README
Help people interested in this repository understand your project by adding a README.
Packages
No packages published

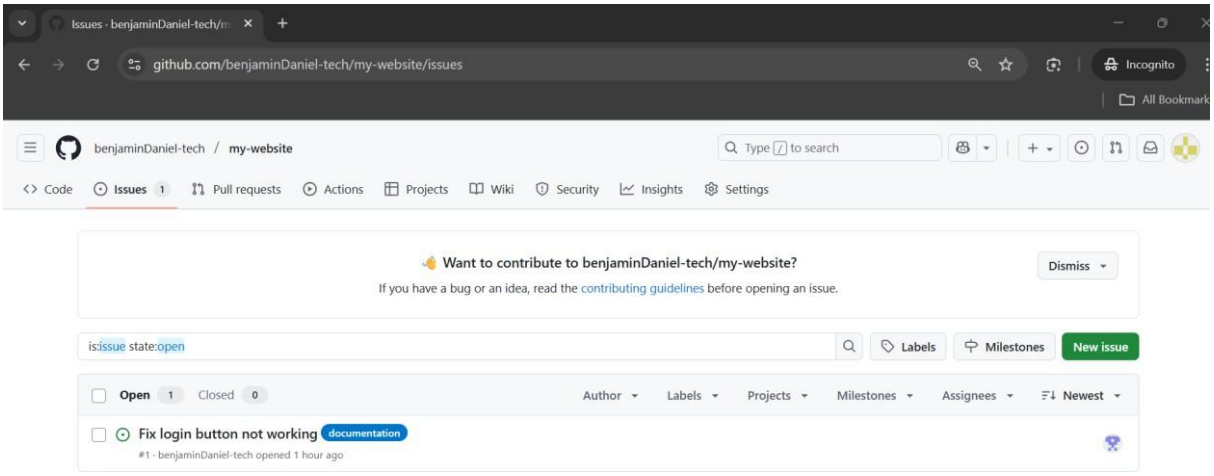

github.com/benjaminDaniel-tech/my-website/settings
benjaminDaniel-tech / my-website
Type / to search
Code
Issues 1
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
General
Access
Collaborators
Moderation options
Code and automation
Branches
Tags
Rules
Actions
Models
Preview
Webhooks
Copilot
Environments
Codespaces
Pages
Security
General
Repository name
my-website
Rename
Template repository
Template repositories let users generate new repositories with the same directory structure and files. Learn more about template repositories.
Require contributors to sign off on web-based commits
Enabling this setting will require contributors to sign off on commits made through GitHub's web interface. Signing off is a way for contributors to affirm that their commit complies with the repository's terms, commonly the Developer Certificate of Origin (DCO). Learn more about signing off on commits.
Default branch
The default branch is considered the "base" branch in your repository, against which all pull requests and code commits are automatically made, unless you specify a different branch.
main
Releases
Enable release immutability

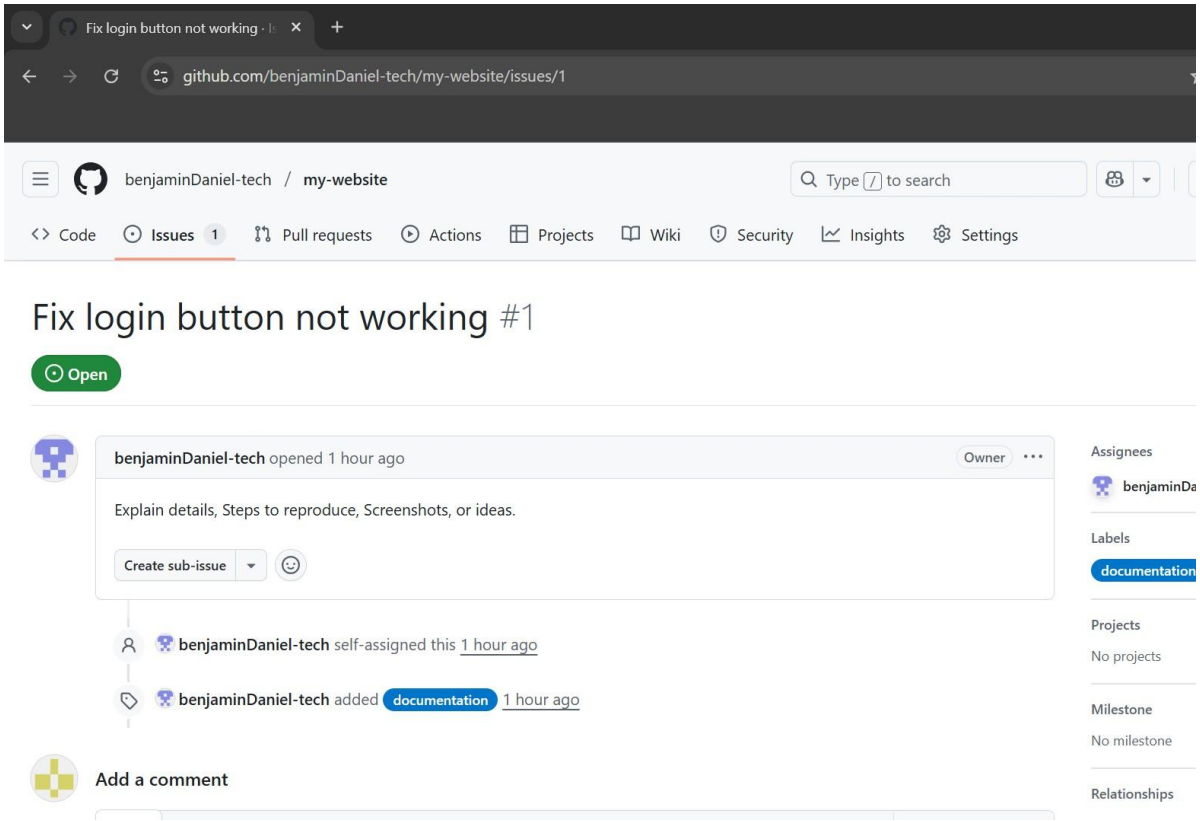

github.com/benjaminDaniel-tech/my-website/settings/access
benjaminDaniel-tech / my-website
Type / to search
Code
Issues 1
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
General
Access
Collaborators
Moderation options
Code and automation
Branches
Tags
Rules
Actions
Models
Preview
Webhooks
Copilot
Environments
Codespaces
Pages
Security
Collaborators and teams
Public repository
This repository is public and visible to anyone
Manage visibility
Add people to my-website
Devikapakruthi
Cancel
Add Devikapakruthi
You haven't invited any collaborators yet
Add people

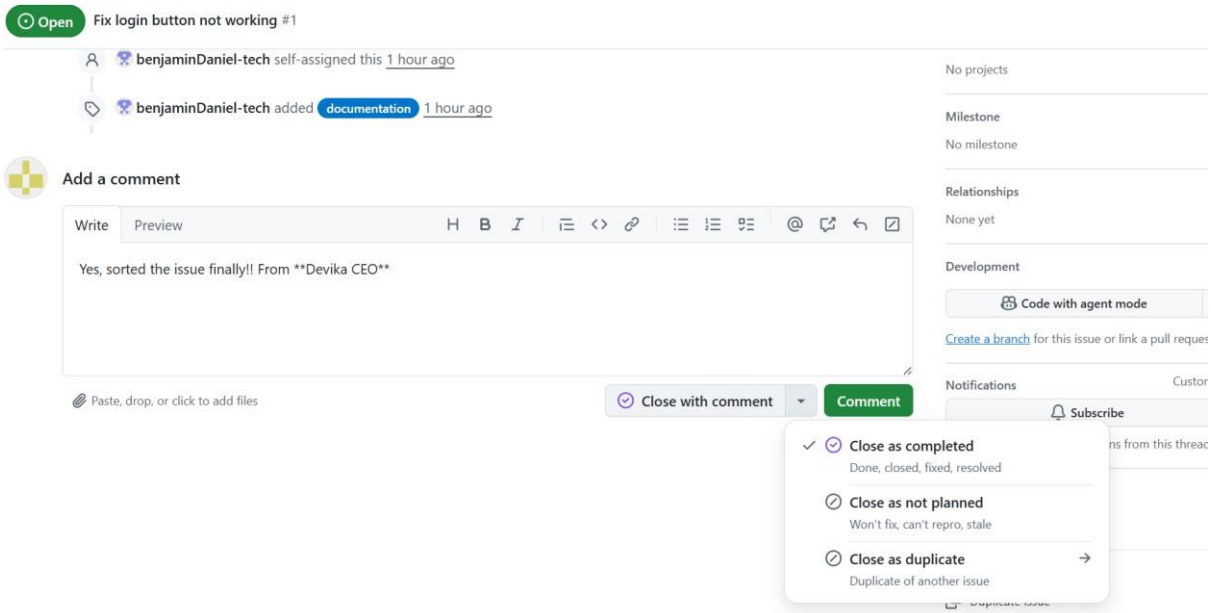

github.com/benjaminDaniel-tech/my-website/settings/access?guidance_task=
benjaminDaniel-tech / my-website
Type / to search
Code
Issues 1
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Devikapakruthi has been added as a collaborator on the repository.
General
Access
Collaborators
Moderation options
Code and automation
Branches
Tags
Rules
Actions
Models
Preview
Webhooks
Copilot
Environments
Codespaces
Pages
Collaborators and teams
Public repository
This repository is public and visible to anyone
Manage visibility
Direct access
1 entity has access to this repository. 0 collaborators. 1 invitation.
Manage access
Add people
Select all
Type
Find a collaborator...
Devikapakruthi
Pending Invite

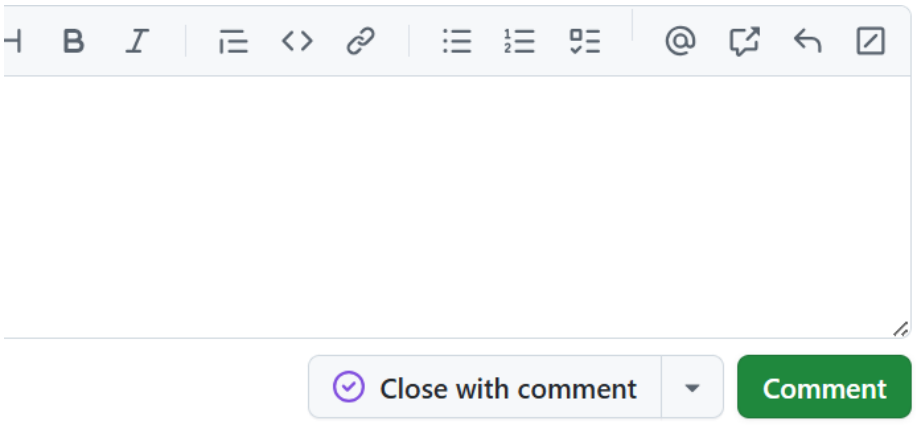

Branches
Tags
Rules
Actions
Models
Preview
Webhooks
Copilot
Environments
Codespaces
Pages
Security
Advanced Security
Deploy keys
Secrets and variables
Integrations
GitHub Apps
Email notifications
1 entity has access to this repository. 0 collaborators, 1 invitation.
Manage access
Add people
Select all
Type
Find a collaborator...
Devikapakruthi
Awaiting Devikapakruthi's response
Pending Invite
Previous
Next

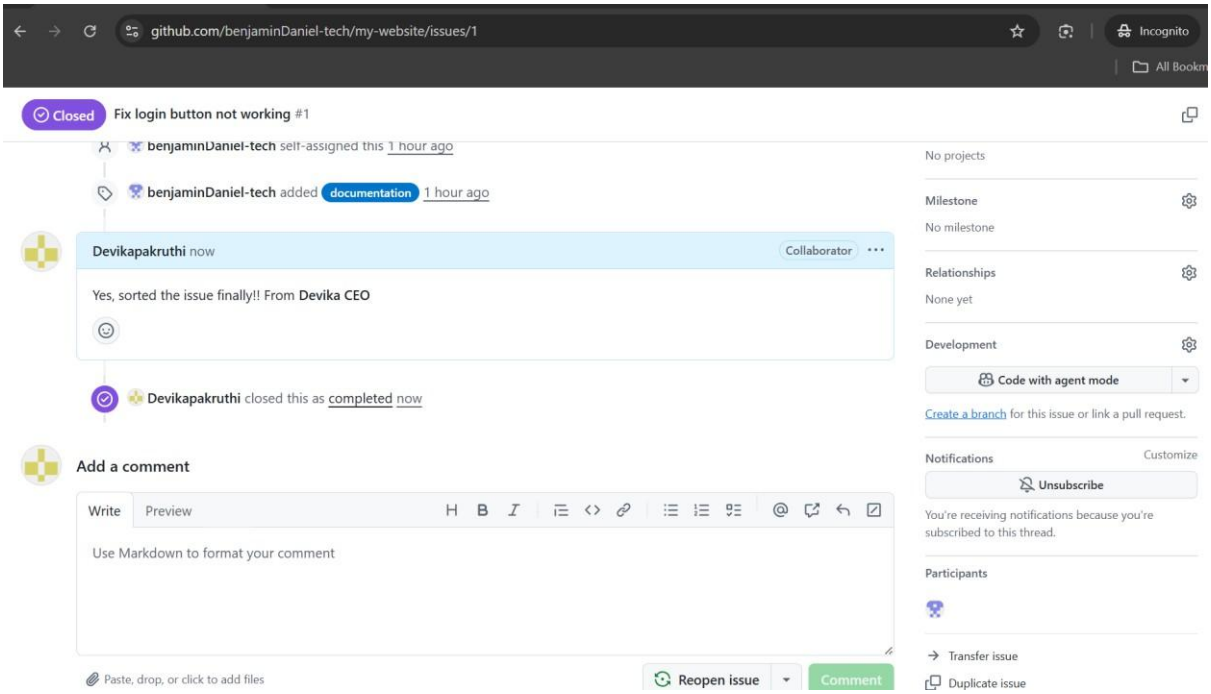

github.com/benjaminDaniel-tech/my-website
benjaminDaniel-tech / my-website
Type / to search
Code
Issues 1
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
my-website
Public
Watch 0
Fork 0
main
1 Branch
0 Tags
Go to file
t
Add file
Code
About
Blog creation
Activity
0 stars
0 watching
0 forks
Report repository
benjaminDaniel-tech Updated index.html
48ad53a · 2 hours ago
5 Commits
images
Added background.jpg file
2 hours ago
index.html
Updated index.html
2 hours ago
README
Releases
No releases publishe
Create a new release

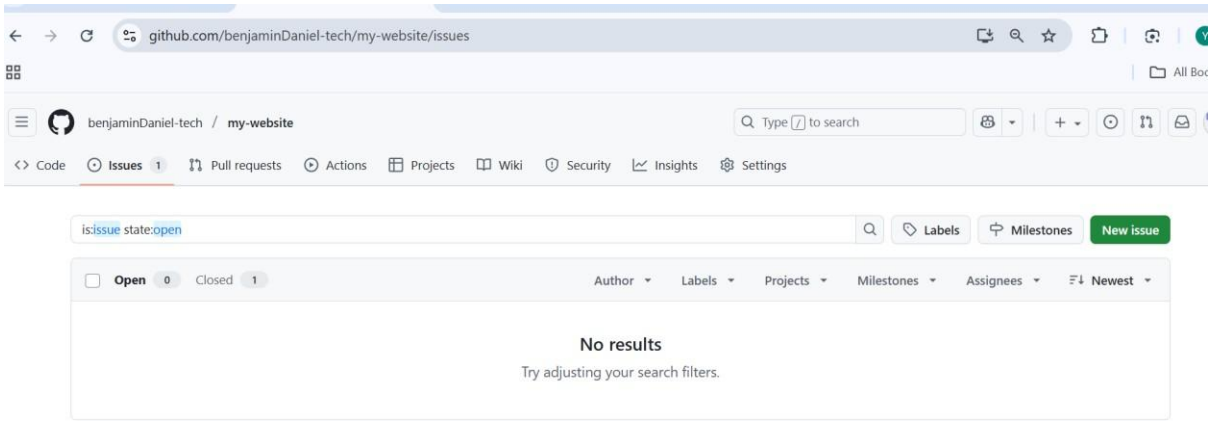

Issues · benjaminDaniel-tech/m
github.com/benjaminDaniel-tech/my-website/issues
Incognito
All Bookmark
benjaminDaniel-tech / my-website
Type / to search
Code
Issues 1
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Want to contribute to benjaminDaniel-tech/my-website?
Dismiss
If you have a bug or an idea, read the contributing guidelines before opening an issue.
is:issue state:open
Labels
Milestones
New issue
Open 1
Closed 0
Author
Labels
Projects
Milestones
Assignees
Newest
Fix login button not working
documentation
#1 · benjaminDaniel-tech opened 1 hour ago

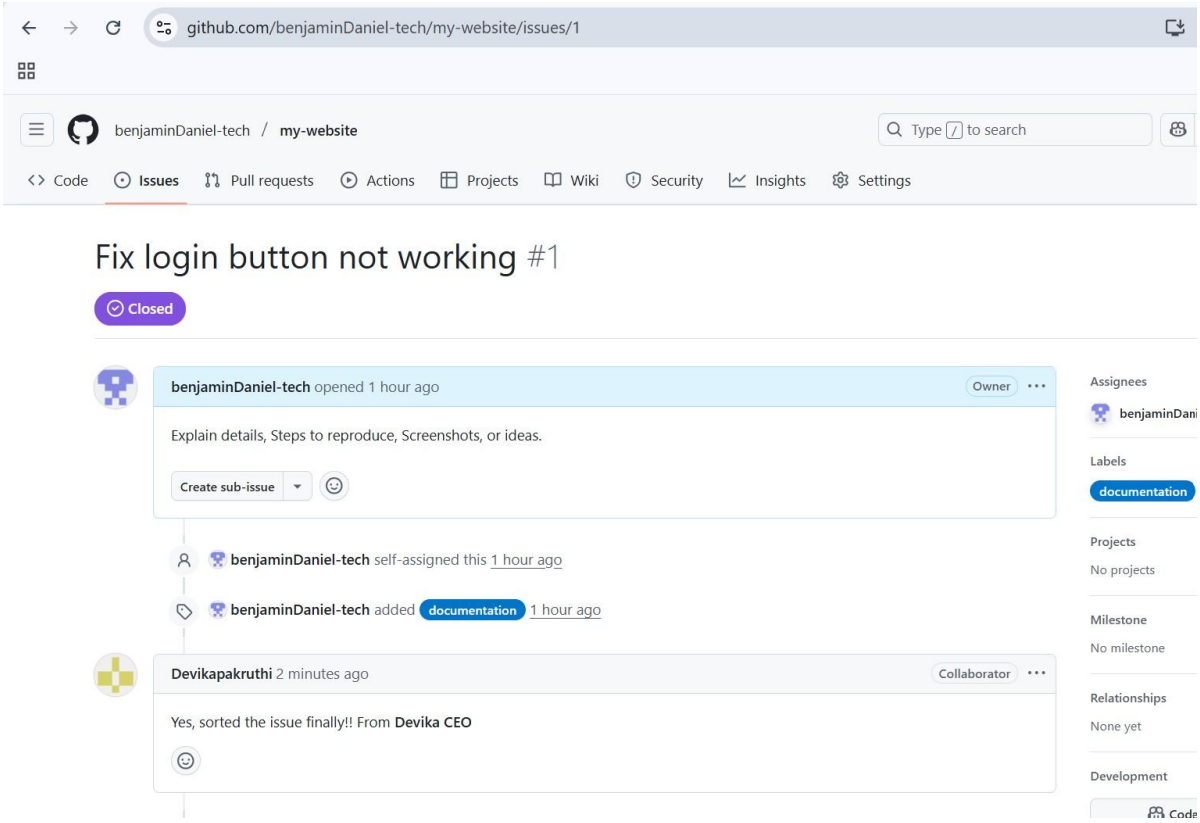

Fix login button not working · I
github.com/benjaminDaniel-tech/my-website/issues/1
benjaminDaniel-tech / my-website
Type / to search
Code
Issues 1
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Fix login button not working #1
Open
benjaminDaniel-tech opened 1 hour ago
Owner
Explain details, Steps to reproduce, Screenshots, or ideas.
Create sub-issue
benjaminDaniel-tech self-assigned this 1 hour ago
benjaminDaniel-tech added documentation 1 hour ago
Add a comment
Assignees
benjaminDa
Labels
documentation
Projects
No projects
Milestone
No milestone
Relationships


Open
Fix login button not working #1
benjaminDaniel-tech self-assigned this 1 hour ago
benjaminDaniel-tech added documentation 1 hour ago
No projects
Milestone
No milestone
Relationships
None yet
Development
Code with agent mode
Create a branch for this issue or link a pull reques
Notifications
Custor
Subscribe
Add a comment
Write
Preview
Yes, sorted the issue finally!! From **Devika CEO**
Paste, drop, or click to add files
Close with comment
Comment
Close as completed
Done, closed, fixed, resolved
Close as not planned
Won't fix, can't repro, stale
Close as duplicate
Duplicate of another issue


Close with comment
Comment


github.com/benjaminDaniel-tech/my-website/issues/1
Incognito
Closed
Fix login button not working #1
benjaminDaniel-tech self-assigned this 1 hour ago
benjaminDaniel-tech added documentation 1 hour ago
Devikapakruthi now
Collaborator
Yes, sorted the issue finally!! From Devika CEO
Devikapakruthi closed this as completed now
Add a comment
Write
Preview
Use Markdown to format your comment
Paste, drop, or click to add files
Reopen issue
Comment
No projects
Milestone
No milestone
Relationships
None yet
Development
Code with agent mode
Create a branch for this issue or link a pull request.
Notifications
Customize
Unsubscribe
You're receiving notifications because you're subscribed to this thread.
Participants
Transfer issue
Duplicate issue


github.com/benjaminDaniel-tech/my-website/issues
benjaminDaniel-tech / my-website
Type / to search
Code
Issues 1
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
is:issue state:open
Labels
Milestones
New issue
Open 0
Closed 1
Author
Labels
Projects
Milestones
Assignees
Newest
No results
Try adjusting your search filters.


github.com/benjaminDaniel-tech/my-website/issues/1
benjaminDaniel-tech / my-website
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Fix login button not working #1
Closed
benjaminDaniel-tech opened 1 hour ago
Owner
Explain details, Steps to reproduce, Screenshots, or ideas.
Create sub-issue
benjaminDaniel-tech self-assigned this 1 hour ago
benjaminDaniel-tech added documentation 1 hour ago
Devikapakruthi 2 minutes ago
Collaborator
Yes, sorted the issue finally!! From Devika CEO
Assignees
benjaminDani
Labels
documentation
Projects
No projects
Milestone
No milestone
Relationships
None yet
Development

Experiment-12

GitHub Pull Requests (PRs):

- A **Pull Request** is a request to merge code changes from one branch into another (often from a "feature" branch into "main").
- It is used for **code review, discussions, and approvals before merging.**
- Think of a PR as saying:

"I made these changes. Please review them before we add them to the main project."

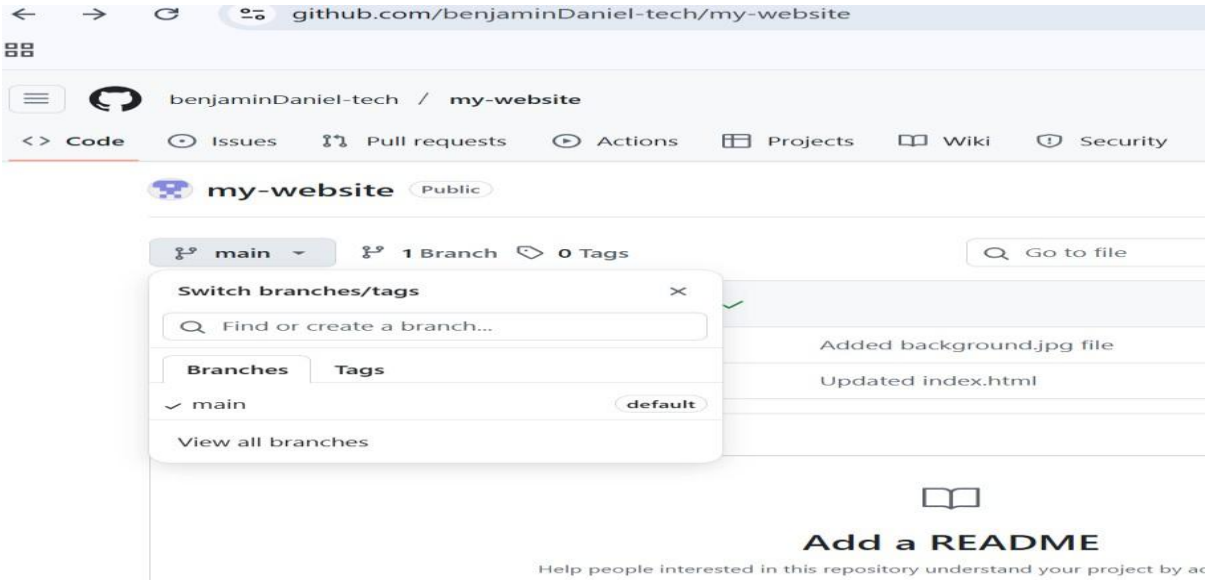
Use:

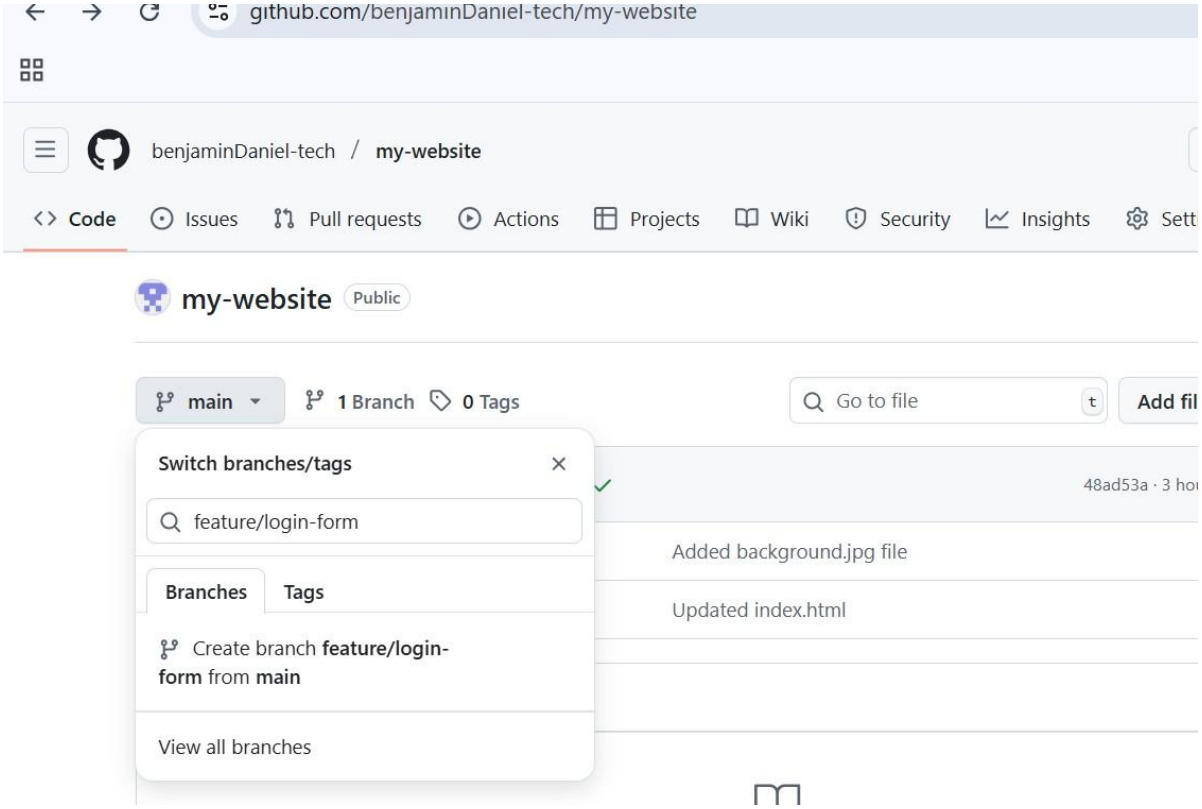
- Prevents mistakes by **reviewing code before merging.**
- Creates a **clear history** of who changed what and why.
- It avoids risky changes to important branches.

Creating and Using Pull Requests:

Create a branch

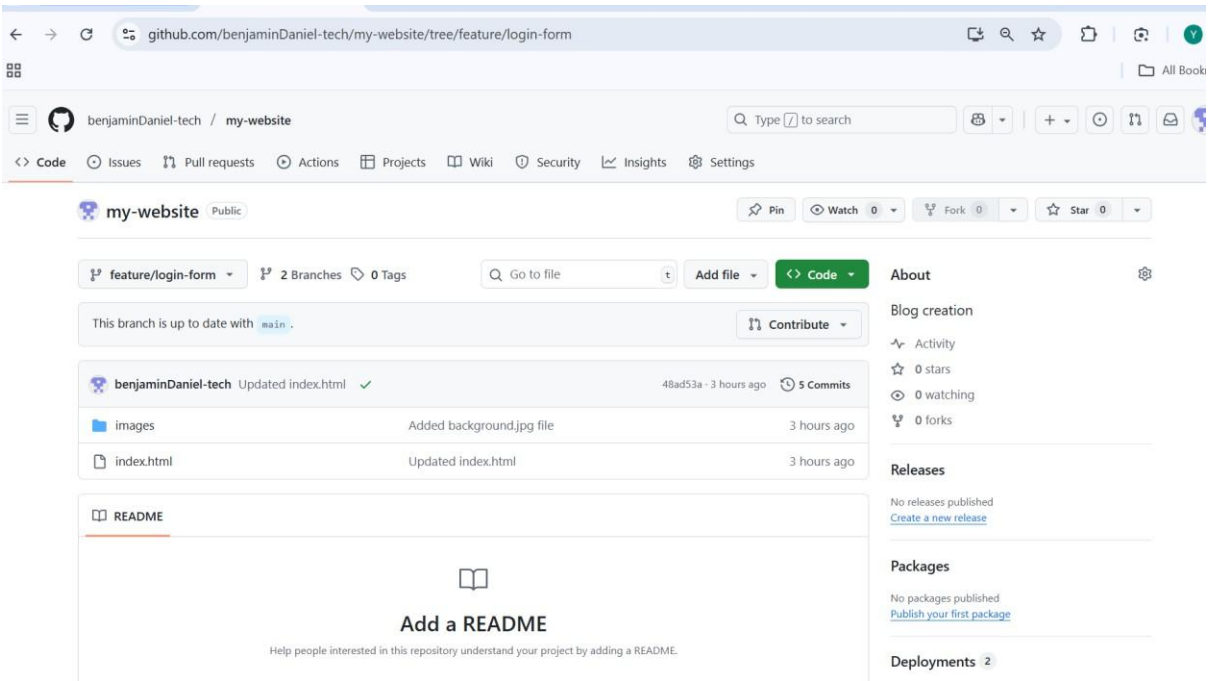
- Create a new branch from main (or the target branch).
- Name it clearly (e.g., feature/login-form)





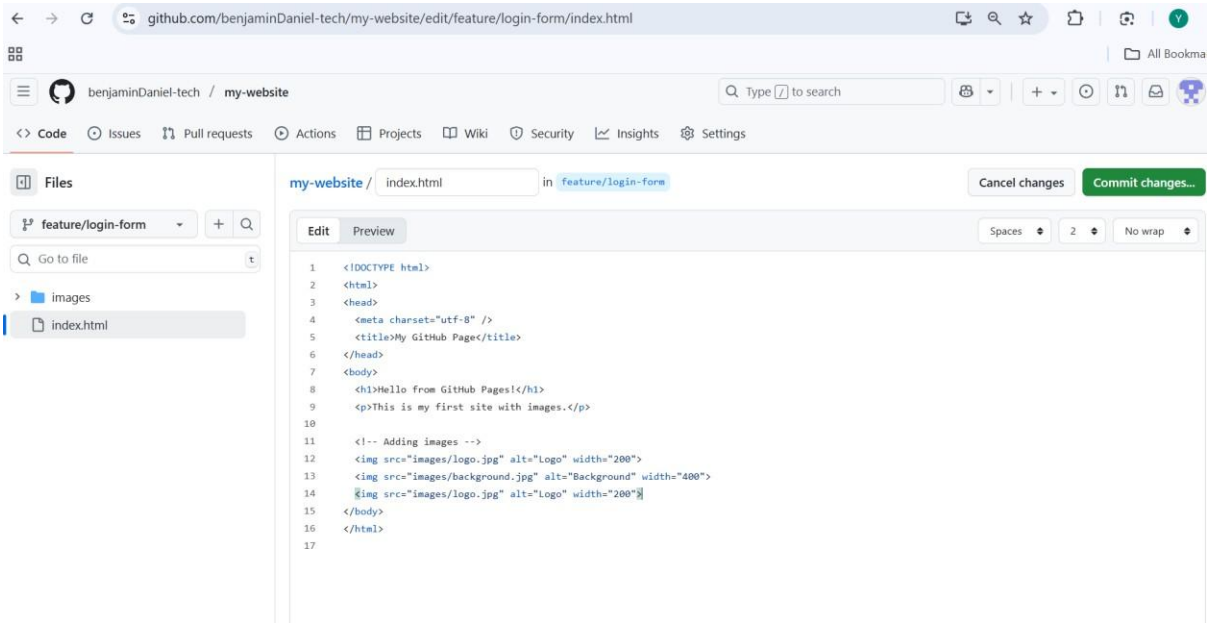
Switch to the branch

- **Ensure your working copy is on that branch.**

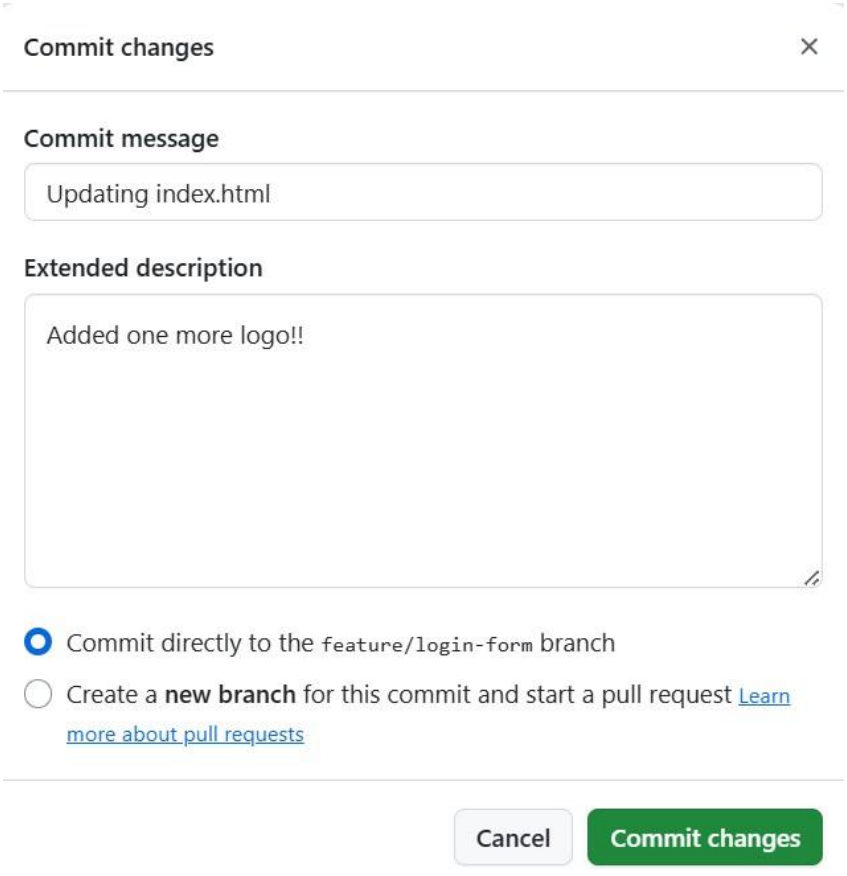


Make your changes

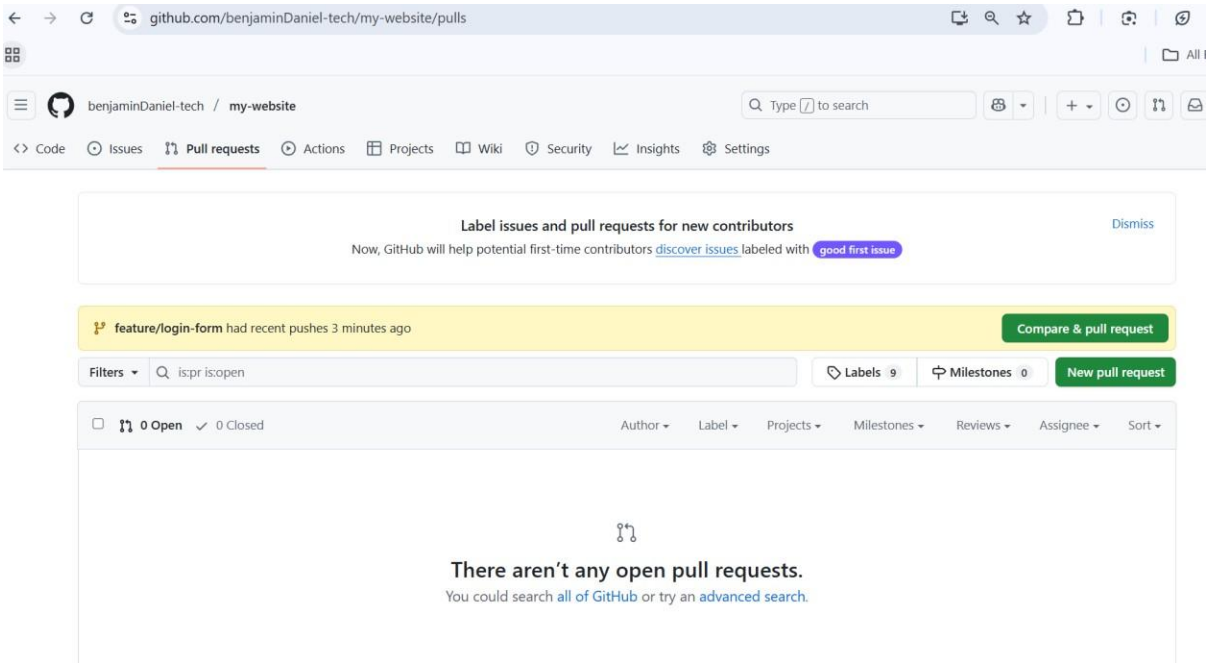
- Edit files in GitHub web editor.
- Keep changes focused to one purpose per branch.



Commit frequently with clear messages



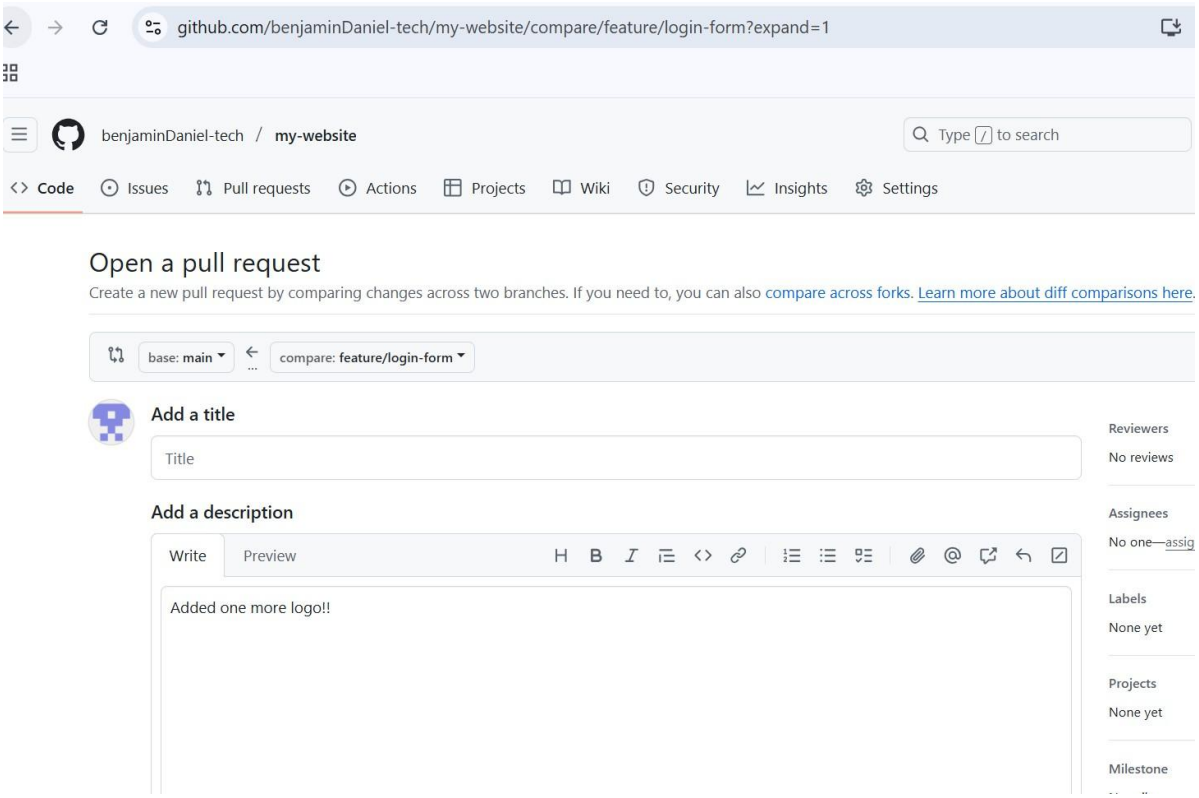
Create a Pull Request:
On the yellow box, you see “feature/login-form had recent pushes 3 minutes ago” and a green button “Compare & pull request”.
*Click that button.



You’ll be taken to a **Pull Request form:**

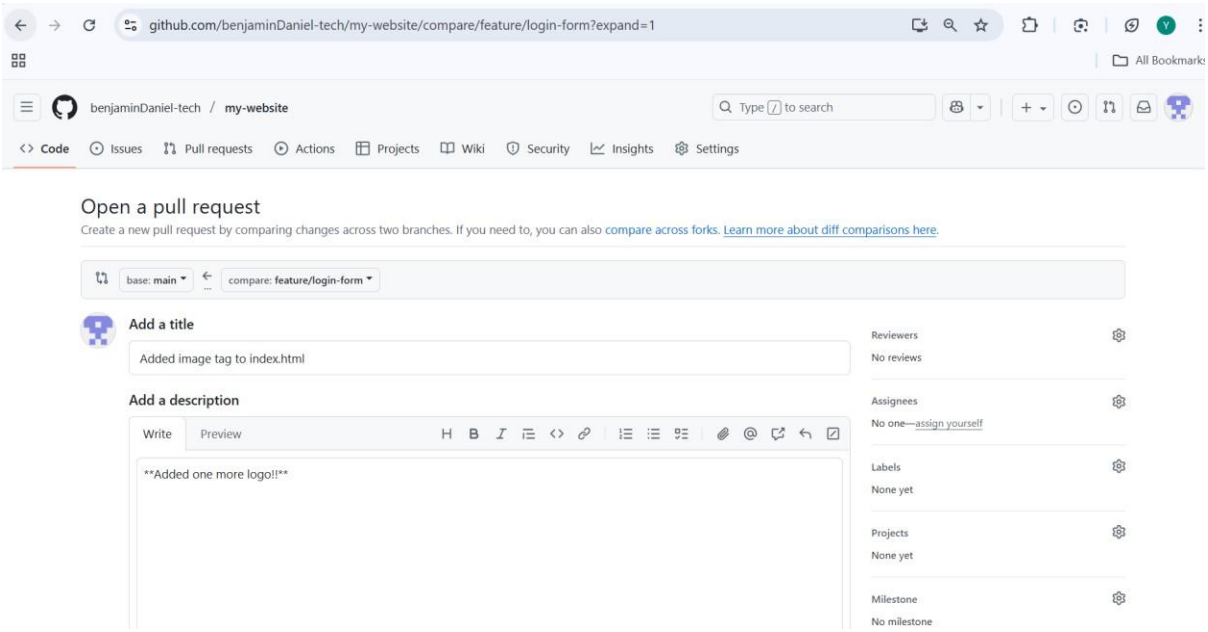
- **Base branch:** main (where you want to merge changes).
- **Compare branch:** feature/login-form (your new branch with changes). Make sure it says something like:

base: main ← compare: feature/login-form

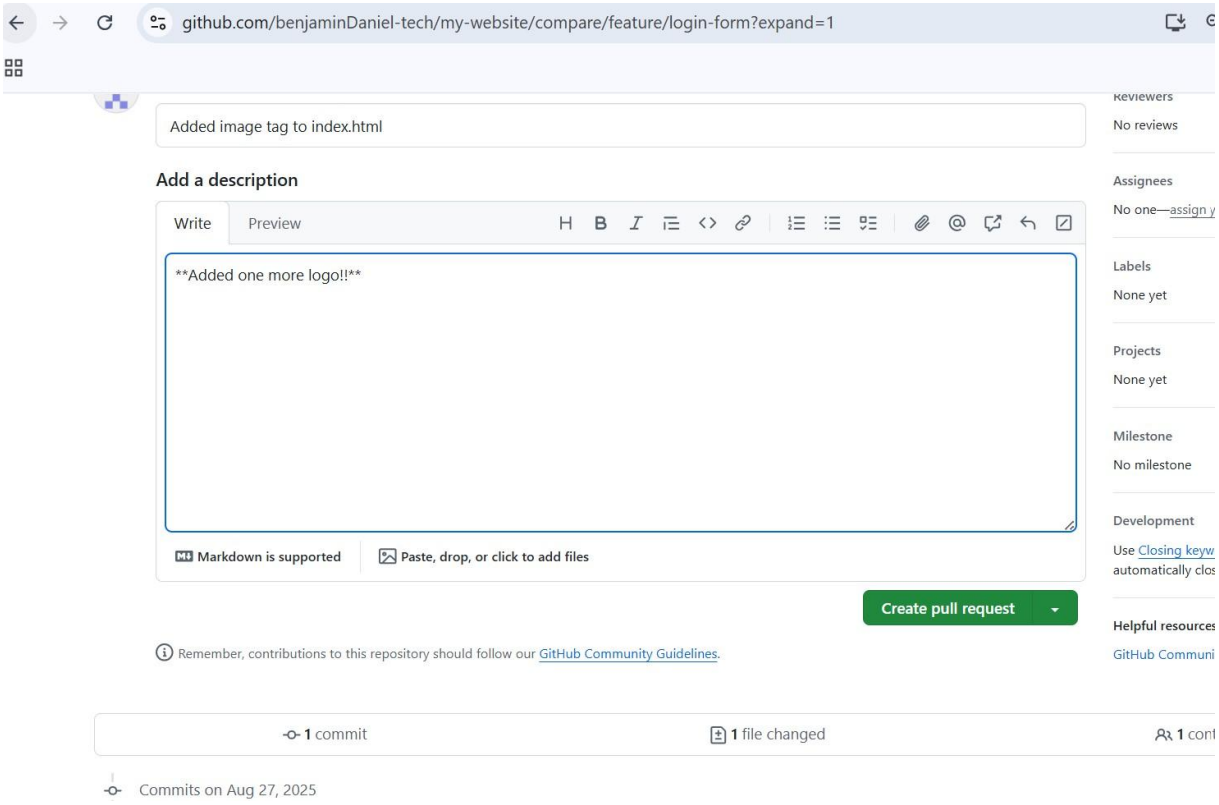


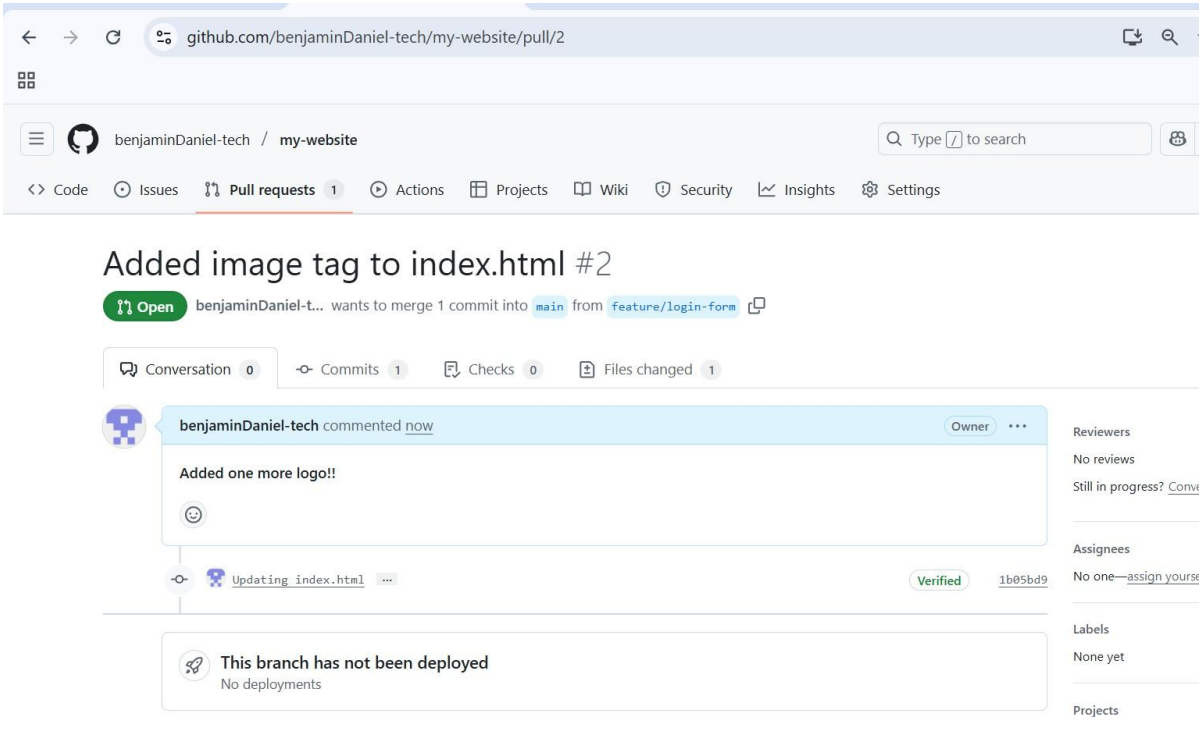
Add details:

- Title: short description (example: Added image tag to index.html).
- Description: explain what you changed.

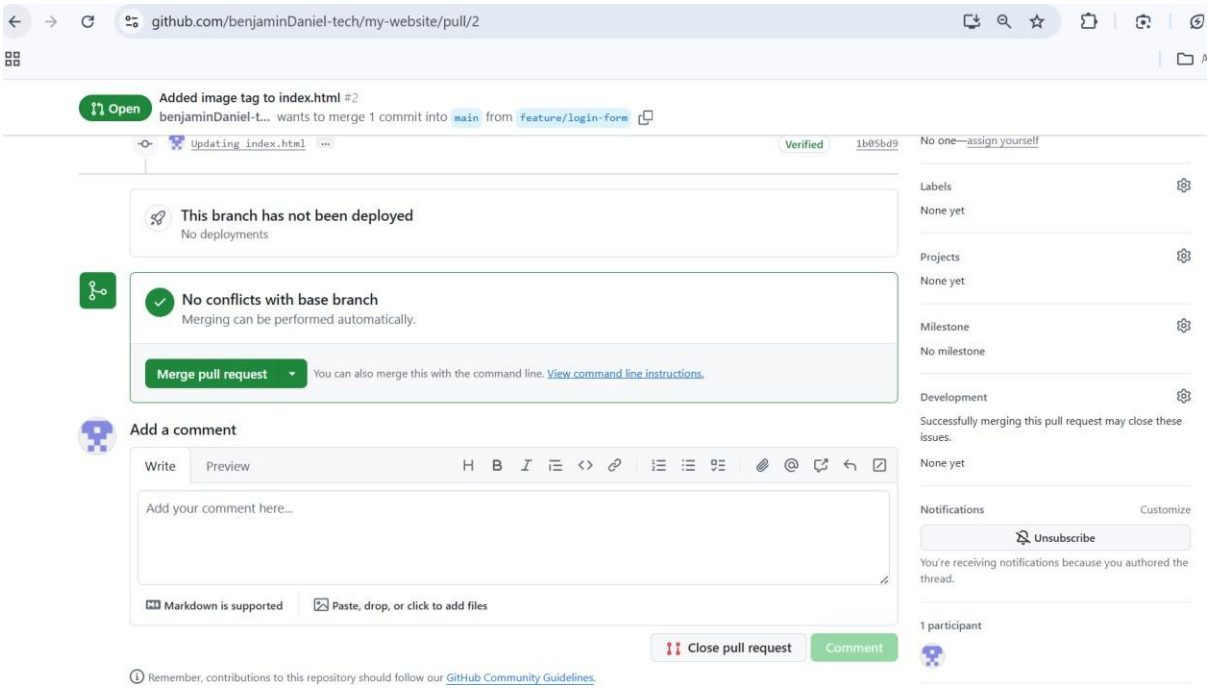


Click the **“Create pull request”** button (green).

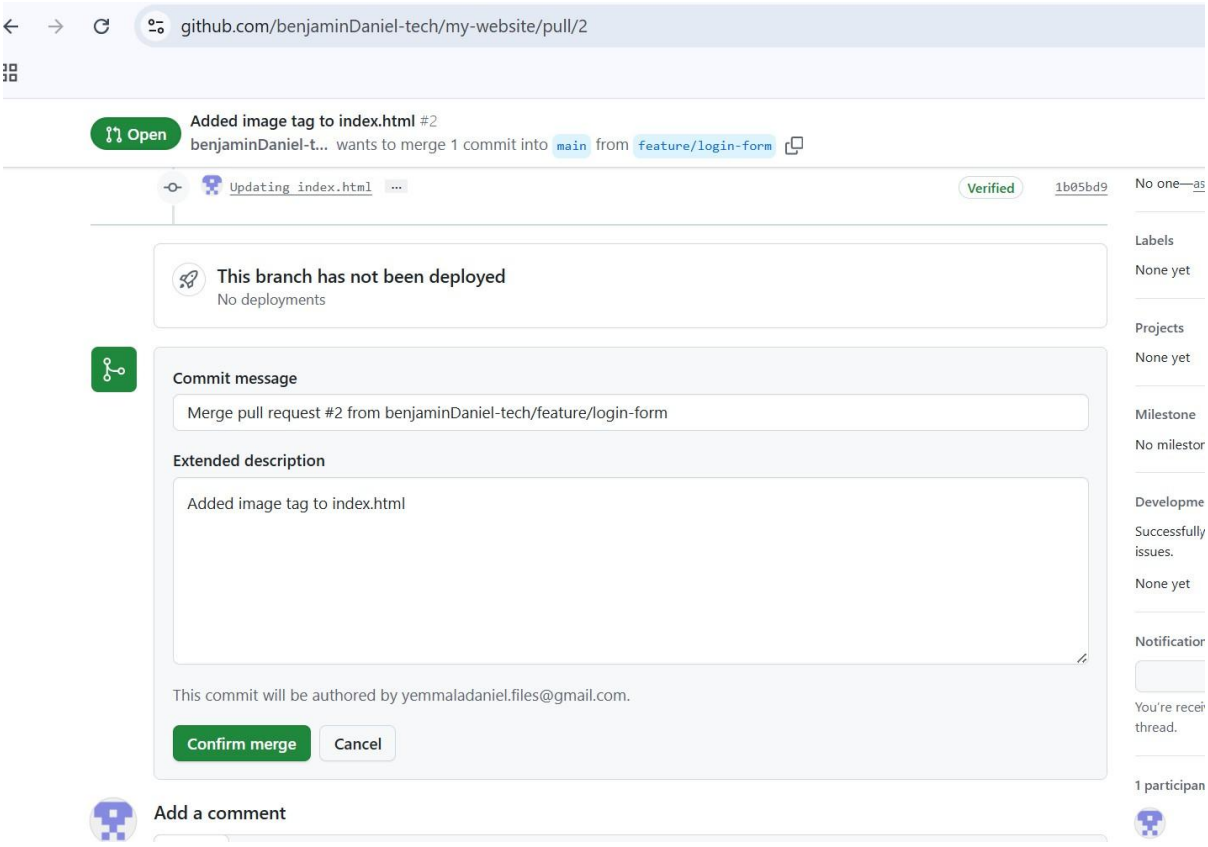


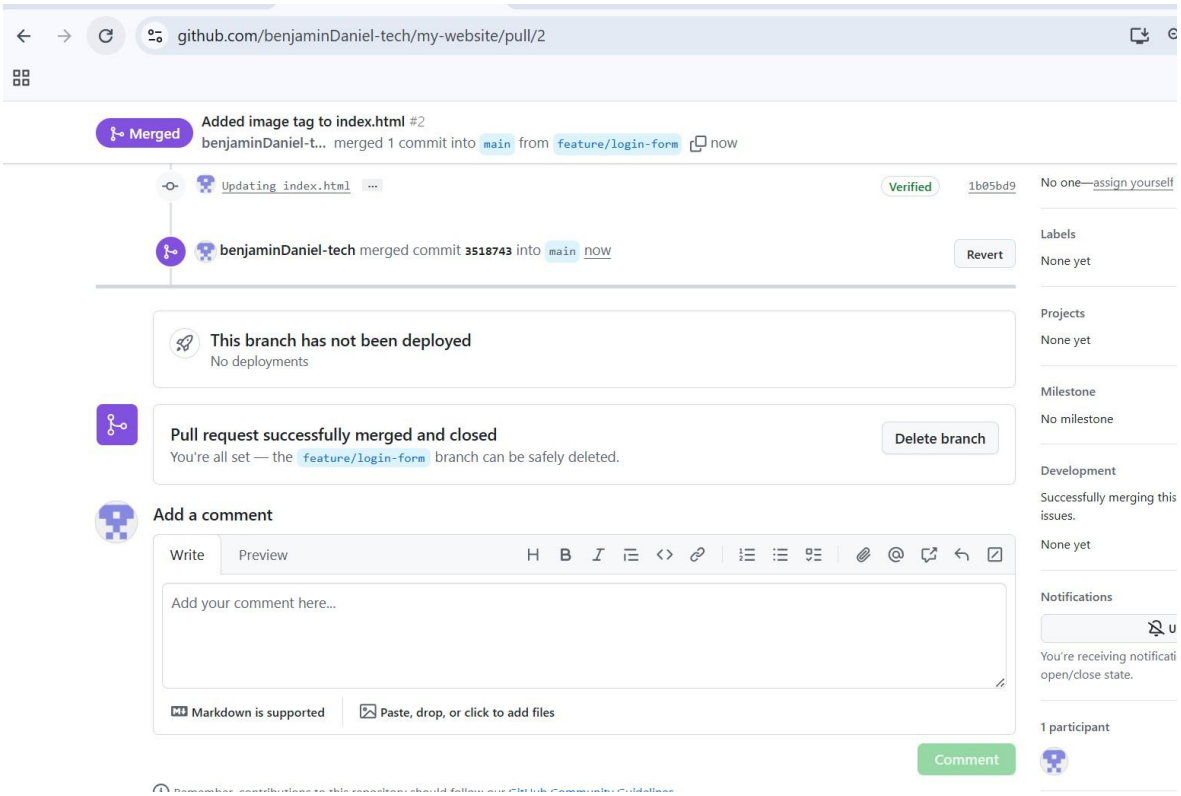


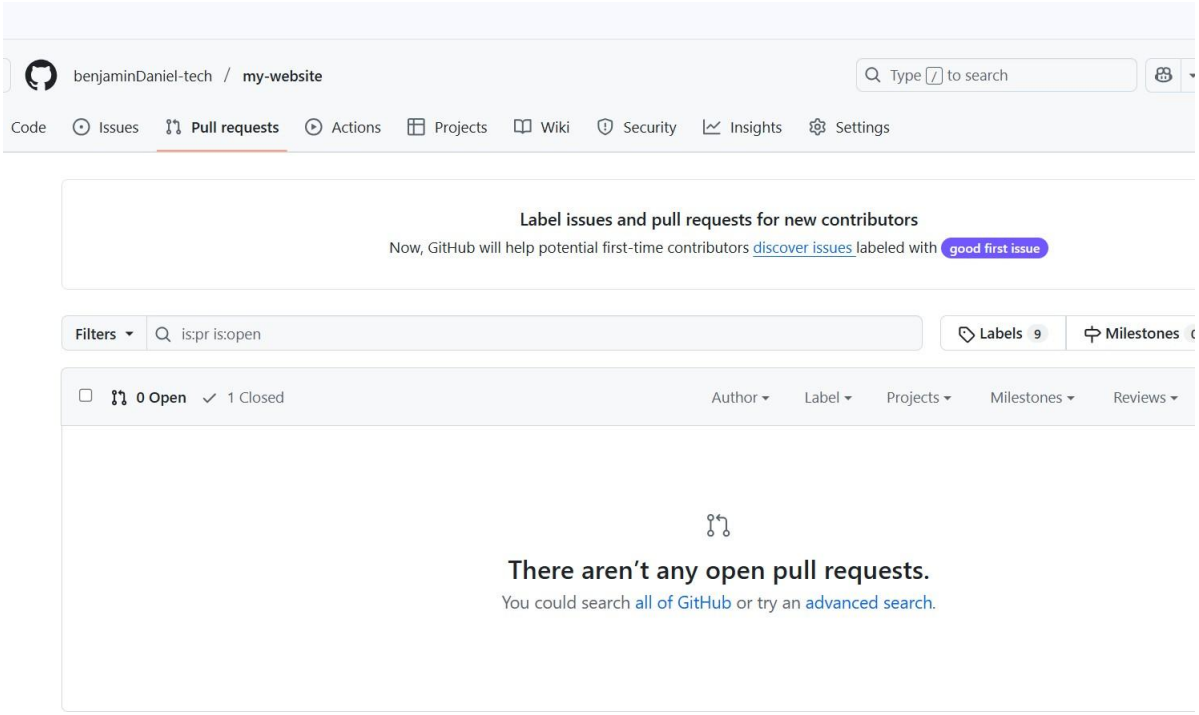
No conflicts with base branch → safe to merge.
Now Click on the green **“Merge pull request”** button.

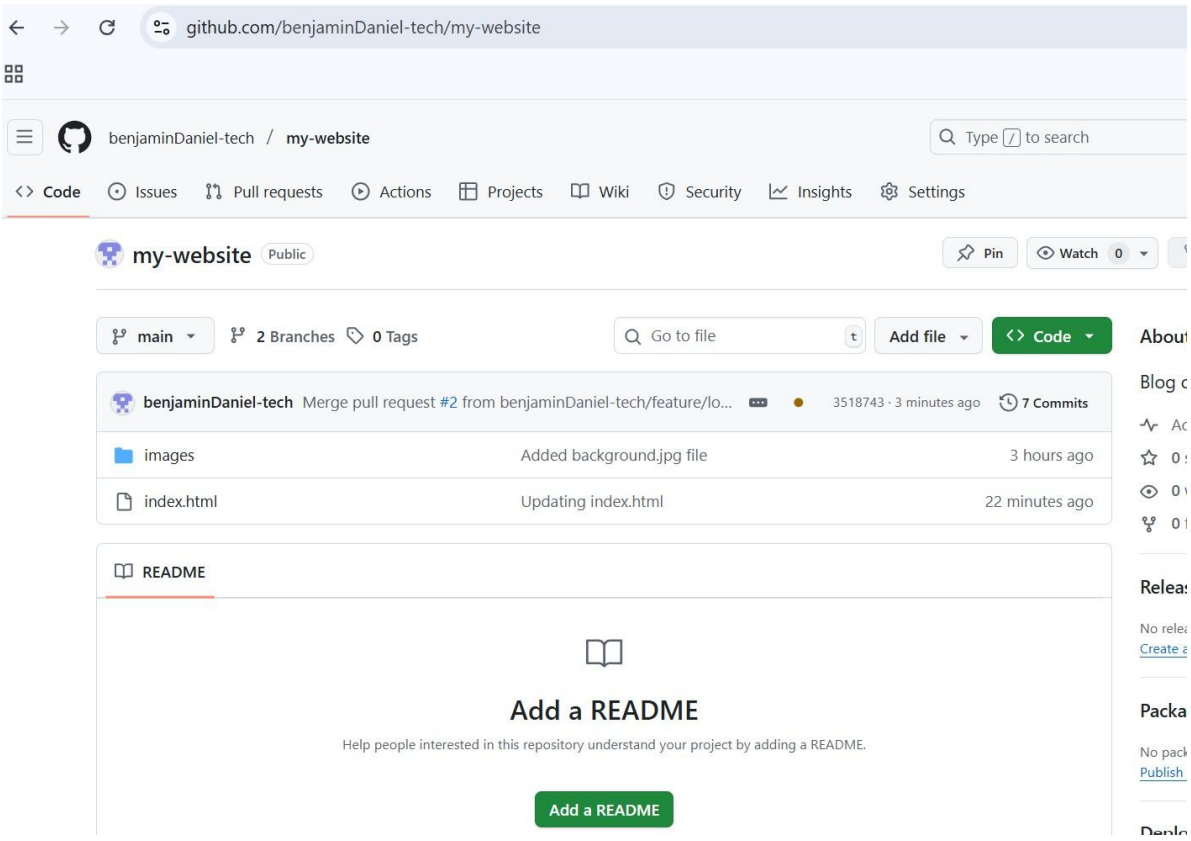


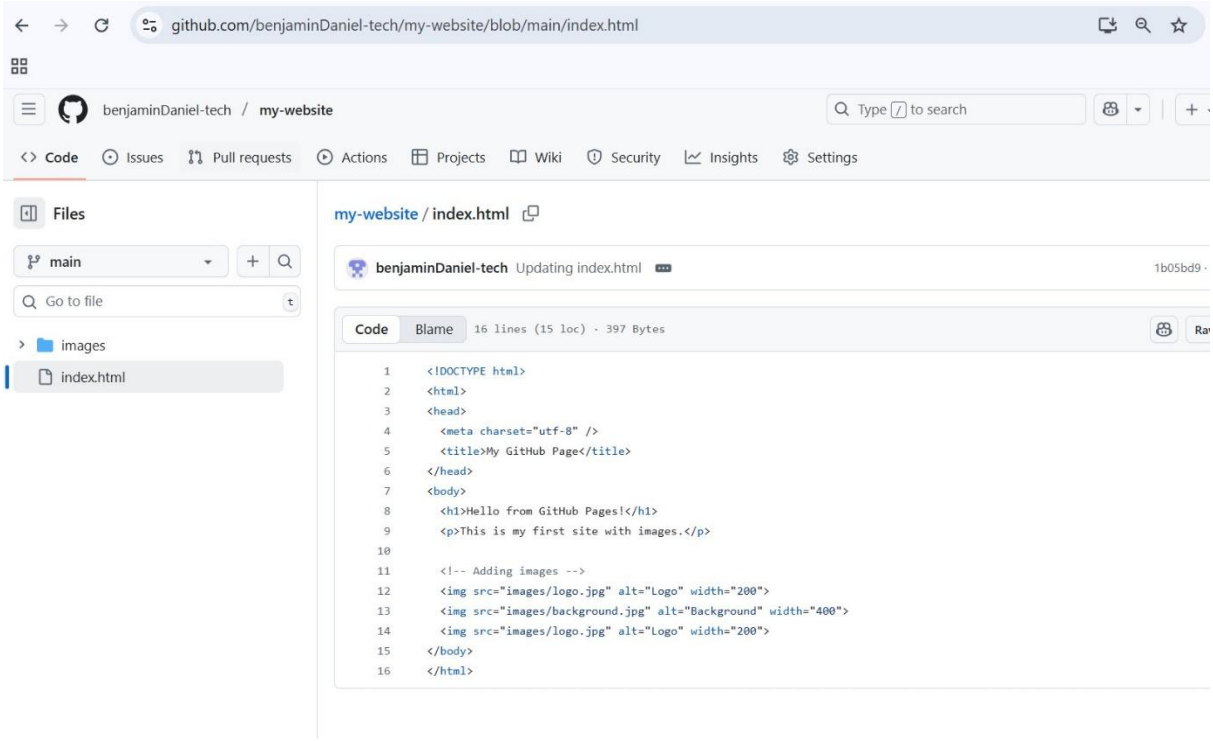
A confirmation button will appear → click **“Confirm merge”.** After merge is successful, GitHub will show a message like:
“Pull request successfully merged and closed.”


github.com/benjaminDaniel-tech/my-website/pull/2
Open
Added image tag to index.html #2
benjaminDaniel-t... wants to merge 1 commit into main from feature/login-form
Updating index.html
Verified
1b05bd9
This branch has not been deployed
No deployments
Commit message
Merge pull request #2 from benjaminDaniel-tech/feature/login-form
Extended description
Added image tag to index.html
This commit will be authored by yemmaladaniel.files@gmail.com.
Confirm merge
Cancel
Add a comment
No one—as
Labels
None yet
Projects
None yet
Milestone
No milestor
Developme
Successfully
issues.
None yet
Notificatior
You're recei
thread.
1 participan


github.com/benjaminDaniel-tech/my-website/pull/2
Merged
Added image tag to index.html #2
benjaminDaniel-t... merged 1 commit into main from feature/login-form now
Updating index.html
Verified
1b05bd9
benjaminDaniel-tech merged commit 3518743 into main now
Revert
This branch has not been deployed
No deployments
Pull request successfully merged and closed
You're all set — the feature/login-form branch can be safely deleted.
Delete branch
Add a comment
Write
Preview
Add your comment here...
Markdown is supported
Paste, drop, or click to add files
Comment
No one—assign yourself
Labels
None yet
Projects
None yet
Milestone
No milestone
Development
Successfully merging this
issues.
None yet
Notifications
You're receiving notificati
open/close state.
1 participant


benjaminDaniel-tech / my-website
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
Label issues and pull requests for new contributors
Now, GitHub will help potential first-time contributors discover issues labeled with good first issue
Filters
is:pr is:open
Labels 9
Milestones
0 Open
1 Closed
Author
Label
Projects
Milestones
Reviews
There aren't any open pull requests.
You could search all of GitHub or try an advanced search.


github.com/benjaminDaniel-tech/my-website
benjaminDaniel-tech / my-website
Type / to search
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
my-website
Public
Pin
Watch 0
main
2 Branches
0 Tags
Go to file
t
Add file
Code
About
benjaminDaniel-tech Merge pull request #2 from benjaminDaniel-tech/feature/lo...
3518743 · 3 minutes ago
7 Commits
images
Added background.jpg file
3 hours ago
index.html
Updating index.html
22 minutes ago
README
Add a README
Help people interested in this repository understand your project by adding a README.
Add a README
Releas
Packa



Checking finally that your new <img> tag really got merged into main branch.

Issues vs Pull Requests:

Issue → Describes **what needs to be done** (problem, bug, feature).

Pull Request → Shows **how you solved it** (code changes + review process).