

## Task1:

### 1.Git status

- it will shows all modifications in working directory

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER GITLENS SQL CONSOLE COMMENTS
C:\Users\HP\Desktop\DS\GitHub\New folder\Git-Assignment1>git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)

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)
        updated.ipynb

no changes added to commit (use "git add" and/or "git commit -a")
C:\Users\HP\Desktop\DS\GitHub\New folder\Git-Assignment1>
```

## Task 2

- Consider that your want to start an open-source project in your organization. Perform all the standard operation to create a repository with minimal Permission for all the users. It should contain.

### 1.Proper open source structure

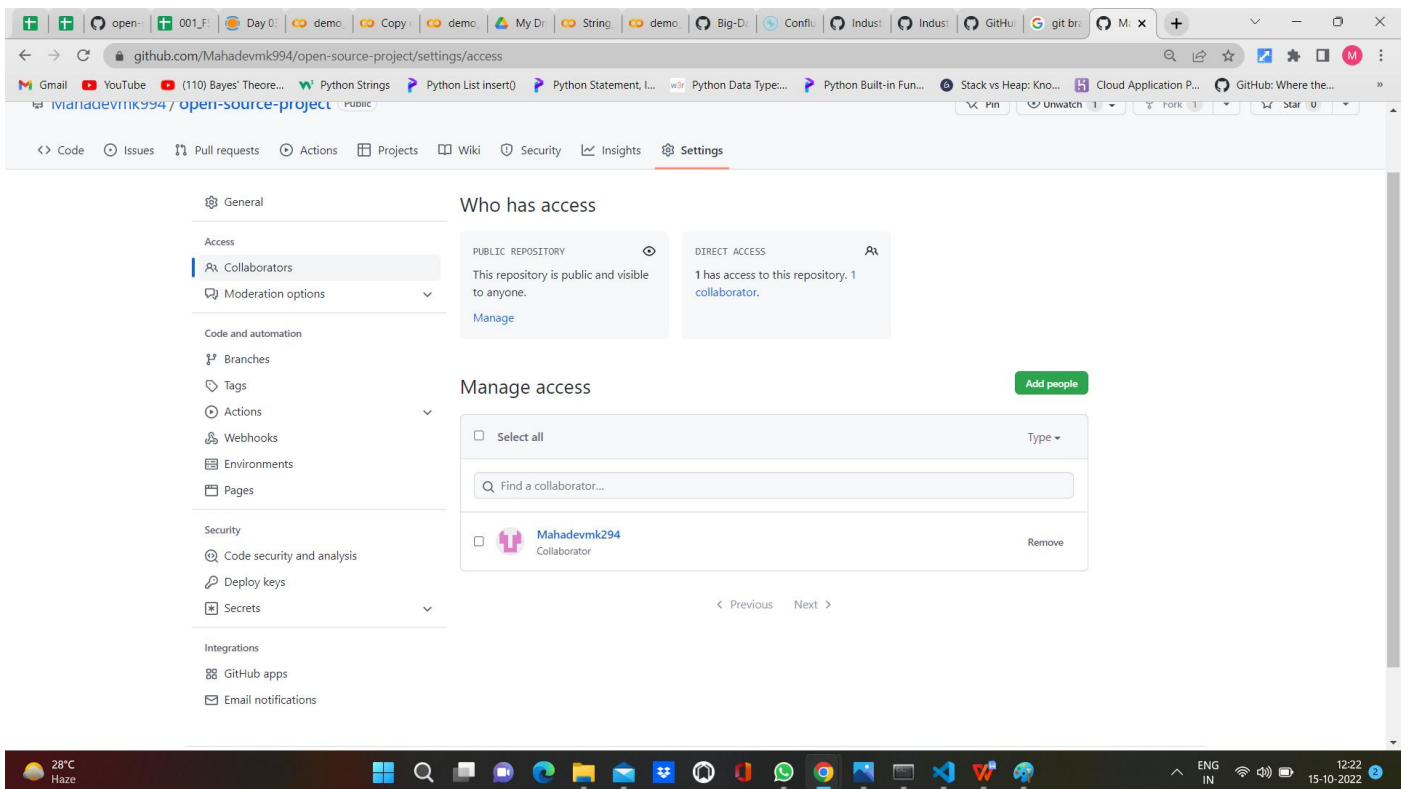
The screenshot shows the GitHub repository page for 'Mahadevmk994 / open-source-project'. The repository is public and has 0 stars, 1 watching, and 0 forks. The 'Code' tab is selected, showing the 'master' branch with 1 commit. The 'README.md' file is highlighted, showing its content: 'Open source project for Github Practice' and 'Add 2 collaborators in this project.' The right sidebar contains sections for 'About', 'Releases', and 'Packages'.

### 2. Proper Readme

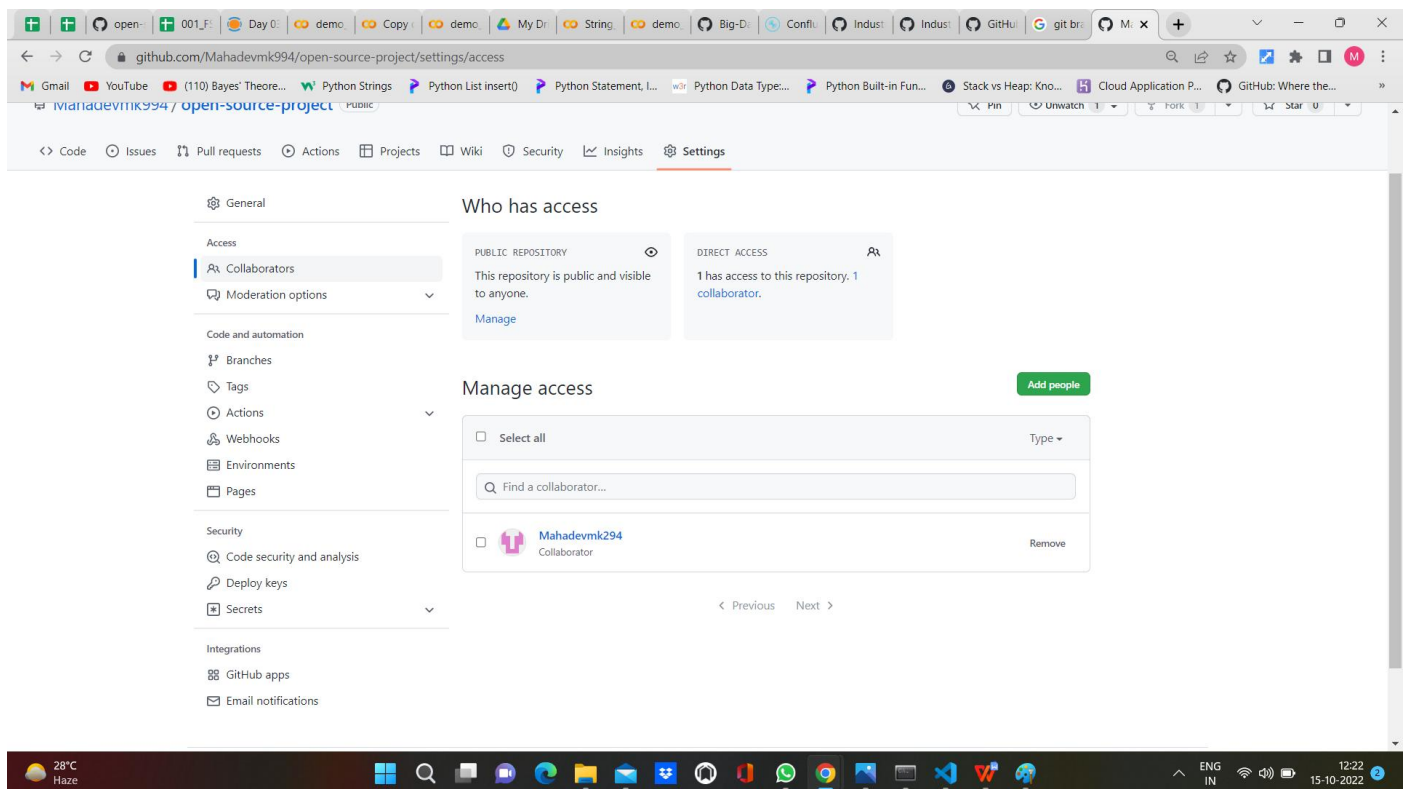
The screenshot shows the README file view in the GitHub repository. The file is named 'README.md' and is located in the 'open-source-project' directory. The content of the README is: 'Open source project for Github Practice' and 'Add 2 collaborators in this project.' The file is 83 bytes and has 3 lines (2 slots). The 'Raw' button is visible at the bottom right.

### 3.Add 2 collaborator

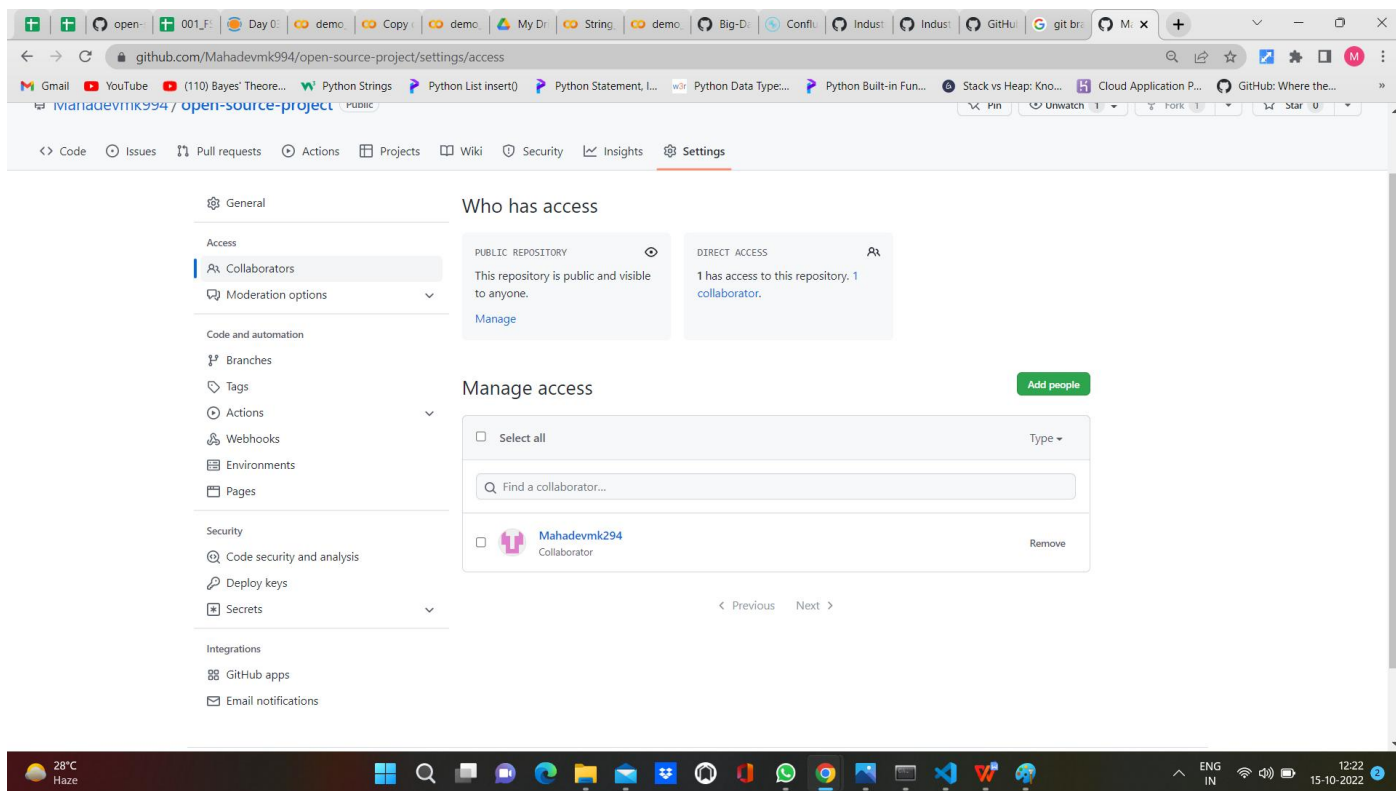
- Collaborator added and invitation sent automatically on mail also.



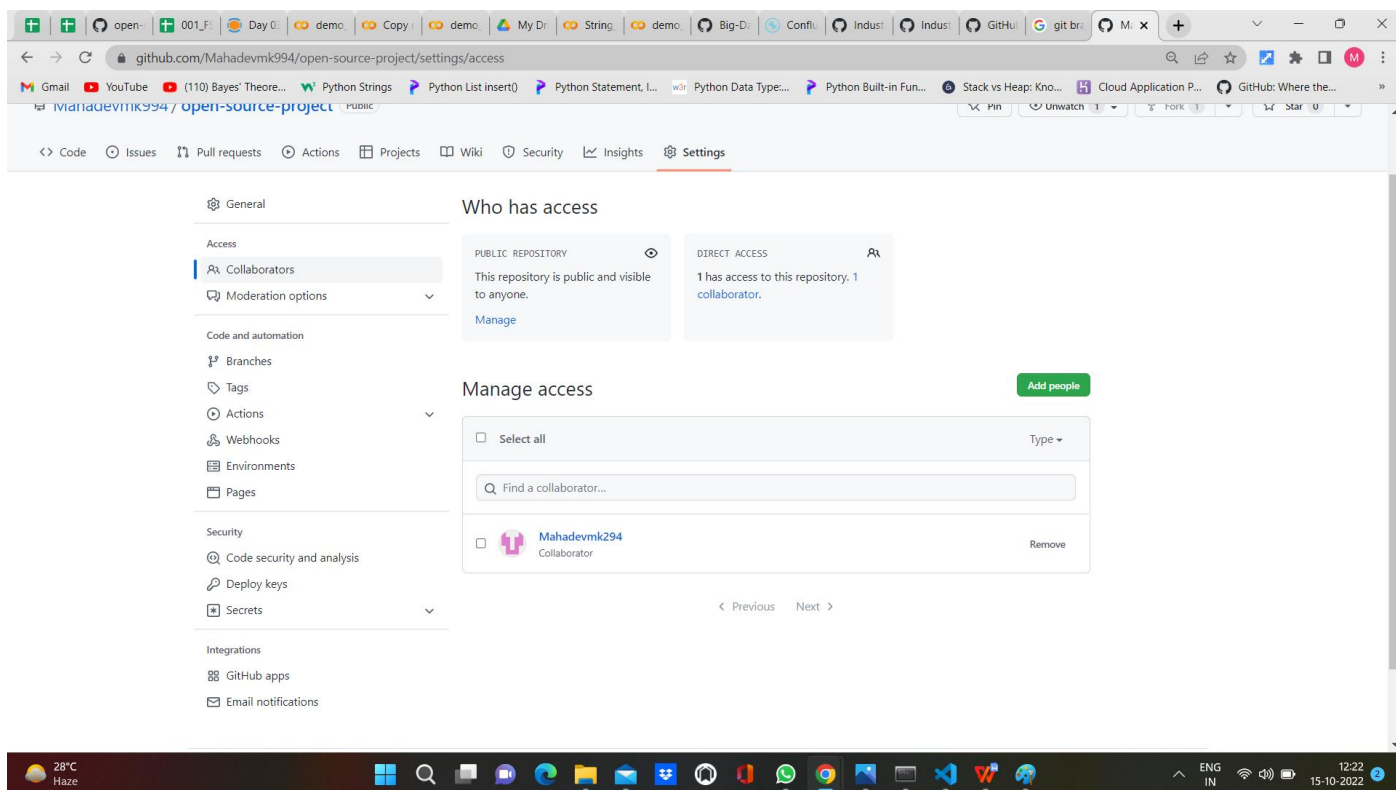
- collaborator has to accept invitation.



- Collaborator accepted invitation and forked it .



- Properly collaborator added .



4. Host GitHub Pages using settings (Designed to host your personal, organization, or project pages from a GitHub repository)

- To host github pages first we have to select source of files.

<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Actions

Webhooks

Environments

Pages

Security

Code security and analysis

Deploy keys

Secrets

Integrations

GitHub apps

Email notifications

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Build and deployment

Source

Deploy from a branch

Branch

Your GitHub Pages site is currently being built from the master branch. [Learn more.](#)

master / (root) Save

Learn how to [add a Jekyll theme](#) to your site.

Custom domain

Custom domain

Custom domains allow you to serve your site from a domain other than mahadevmk994.github.io. [Learn more.](#)

Save Remove

Enforce HTTPS

Required for your site because you are using the default domain (mahadevmk994.github.io)

HTTPS provides a layer of encryption that prevents others from snooping on or tampering with traffic to your site. When HTTPS is enforced, your site will only be served over HTTPS. [Learn more.](#)

- after selecting source we have to set Github actions.

General

Access

Collaborators

Moderation options

Code and automation

Branches

Tags

Actions

Webhooks

Environments

Pages

Security

Code security and analysis

Deploy keys

Secrets

Integrations

GitHub apps

Email notifications

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

Your site is live at <https://mahadevmk994.github.io/open-source-project/>  
Last deployed by [github-pages](#) 6 minutes ago [Visit site](#) [...](#)

Build and deployment

Source

GitHub Actions [Send feedback](#)

Use a suggested workflow, [browse all workflows](#), or [create your own](#).

GitHub Pages Jekyll

By GitHub Actions

Package a Jekyll site with GitHub Pages dependencies preinstalled.

Configure

Static HTML

By GitHub Actions

Deploy static files in a repository without a build.

Configure

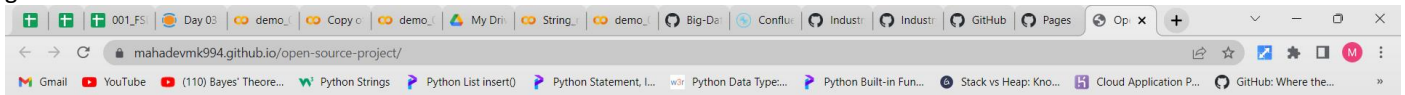
Workflow details will appear here once your site has been deployed. [View workflow runs.](#)

Your site was last deployed to the [github-pages](#) environment by the [pages build and deployment](#) workflow.

Custom domain

Custom domain

- Finally here is project deployed / Hosted project on github.



## open-source-project

### Open source project for Github Practice

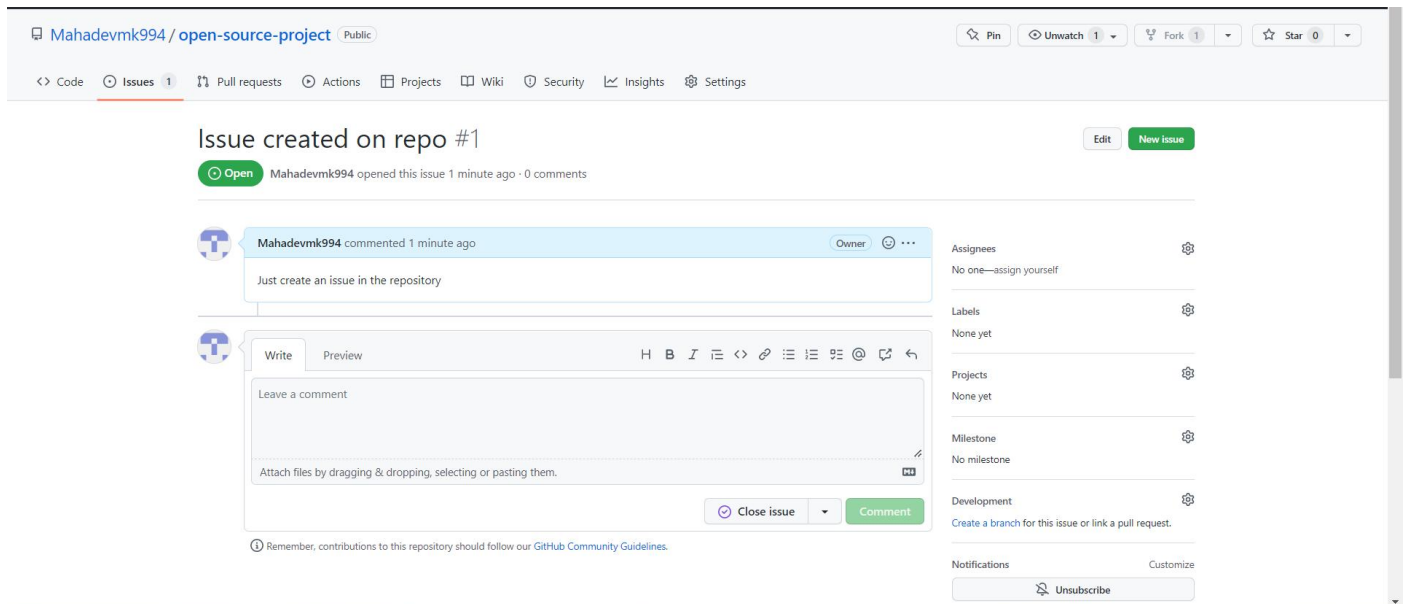
- Add 2 collaborators in this project.



## Task 3

1. Create a Issue in your github repository.

- Issue created on repository from Issues tab



2. Raise a pull request.

- After getting invitation from main source developer has to made their code or to add project file in forked repository first and then he has to raise a pull request to main source.

## Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).

base repository: Mahadevmk994/open-source-...  
base: master

head repository: Mahadevmk294/open-source-...  
compare: master

✓ **Able to merge.** These branches can be automatically merged.

Discuss and review the changes in this comparison with others. [Learn about pull requests](#) [Create pull request](#)

1 commit 1 file changed 1 contributor

Commits on Oct 15, 2022

Update README.md  
Mahadevmk294 committed 2 minutes ago

Verified 9508f73

Showing 1 changed file with 2 additions and 0 deletions. Split Unified

2 README.md

```
@@ -1,3 +1,5 @@
1 1  ## Open source project for Github Practice
2 2  - Add 2 collaborators in this project.
3 3
4 + # THIS is from collaborator side
5 + Link to the Github Profile
```

## Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

base repository: Mahadevmk994/open-source-...  
base: master

head repository: Mahadevmk294/open-source-...  
compare: master

✓ **Able to merge.** These branches can be automatically merged.

Update README.md

Write Preview

H B I

Hello from developer to all

Attach files by dragging & dropping, selecting or pasting them.

☒ Allow edits by maintainers [?](#) [Create pull request](#)

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Reviewers

No reviews

Assignees

No one—assign yourself

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Use **Closing keywords** in the description to automatically close issues

Helpful resources

### 3. Merge A pull request.

- Main source can see changes done by developer and he can accept or reject pull request with commit but here we are going to merge pull request.



Mahadevmk294 wants to merge 1 commit into Mahadevmk994:master from Mahadevmk294:master

Add more commits by pushing to the master branch on [Mahadevmk294/open-source-project](#)

 Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

4. Reject a pull request with proper comments.

## Update README.md #3

[Open](#) Mahadevmk294 wants to merge 1 commit into Mahadevmk994:master from Mahadevmk294:master

Conversation 1

Commits 1

Checks 0

Files changed 1

Mahadevmk294 commented 27 minutes ago

Collaborator

This from Developer 2

Update README.md

Verified

d838cfa

Mahadevmk994 requested changes now

View changes

Mahadevmk994 left a comment

Owner

Please add one more straightforward code, Pull request rejected.

Add more commits by pushing to the master branch on Mahadevmk294/open-source-project.

This branch has not been deployed

No deployments

Changes requested

1 review requesting changes [Learn more.](#)

1 change requested

This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request

You can also open this in GitHub Desktop or view command line instructions.

Reviewers

Mahadevmk994

Still in progress? Convert to draft

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 this repository.

2 participants

## Update README.md #3

[Open](#) Mahadevmk294 wants to merge 1 commit into Mahadevmk994:master from Mahadevmk294:master

Conversation 2

Commits 1

Checks 0

Files changed 1

Changes from all commits

File filter

Conversations

Jump to

0 / 1 files viewed

[Review changes](#)

3

@@ -3,3 +3,6 @@

3

4

5

6

7

8

Mahadevmk994 25 seconds ago

Owner

please add dev2 comment also

Reply...

Resolve conversation

## 5. Add a Dependabot alerts in your github.(for above cases)

- we can add dependabot from security to get updates

Mahadevmk994 / open-source-project

[Code](#) [Issues 1](#) [Pull requests 1](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

Overview

Reporting

Policy

Advisories

Vulnerability alerts

Dependabot

Code scanning

Security overview

Security policy • Disabled

Define how users should report security vulnerabilities for this repository

Set up a security policy

Security advisories • Enabled

View or disclose security advisories for this repository

View security advisories

Dependabot alerts • Disabled

Get notified when one of your dependencies has a vulnerability

Enable Dependabot alerts

Code scanning alerts • Needs setup

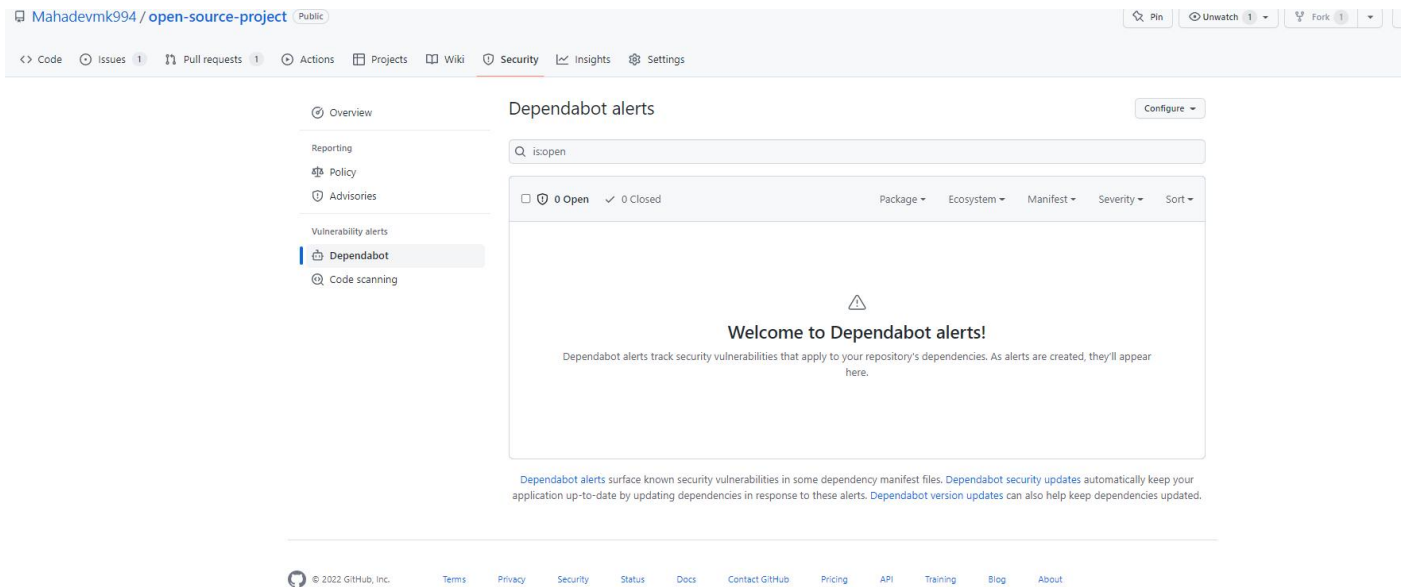
Automatically detect common vulnerability and coding errors

Set up code scanning

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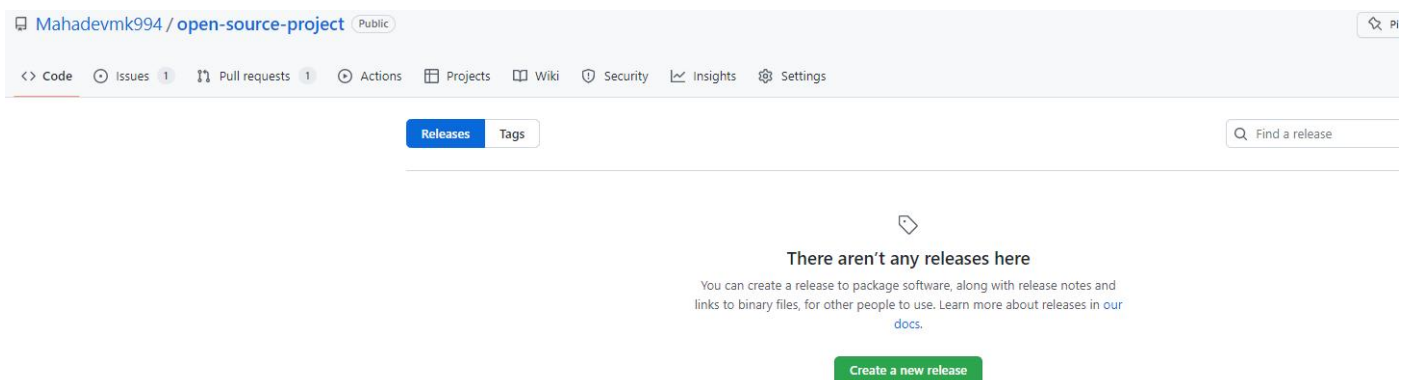


## 6. Stash changes

- If you have saved changes that you are not ready to commit yet, you can stash the changes for later. When you stash changes, the changes are temporarily removed from the files and you can choose to restore or discard the changes later.

The `git stash` command takes your uncommitted changes (both staged and unstaged), saves them away for later use, and then reverts them from your working copy

## 7. Create a release your package



Releases / v1.3.2

v1.3.2

Pre-release

Compare

Mahadevmk994 released this now v1.3.2 eddc237

### What's Changed

- Update README.md by @Mahadevmk294 in #2

### New Contributors

- @Mahadevmk294 made their first contribution in #2

Full Changelog: <https://github.com/Mahadevmk994/open-source-project/commits/v1.3.2>

### Contributors

Mahadevmk294

▼ Assets 3

Readme.md	62 Bytes	12 seconds ago
Source code (zip)		1 hour ago
Source code (tar.gz)		1 hour ago

## 8. Setup a Projects Board for your project.

- here we can create table for project board.

github.com/Mahadevmk994?tab=projects

Gmail

YouTube

(110) Bayes' Theore...

Python Strings

Python List insert()

Python Statement, L...

Python Data Type...

Python Built-in Fun...

Stack vs Heap: Kno...

Cloud Application P...

GitHub: Where the...

Search or jump to...

Pull requests

Issues

Marketplace

Explore

Overview

Repositories 10

Projects 1

Packages

Stars

Mahadevmk994

Edit profile

Welcome to the all-new projects

Built like a spreadsheet, project tables give you a live canvas to filter, sort, and group issues and pull requests. Tailor them to your needs with custom fields and saved views.

Learn more

Projects

Projects (classic)

Create your first GitHub project

Projects are a customizable, flexible tool for planning and tracking your work.

New project

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15:30

15-10-2022

