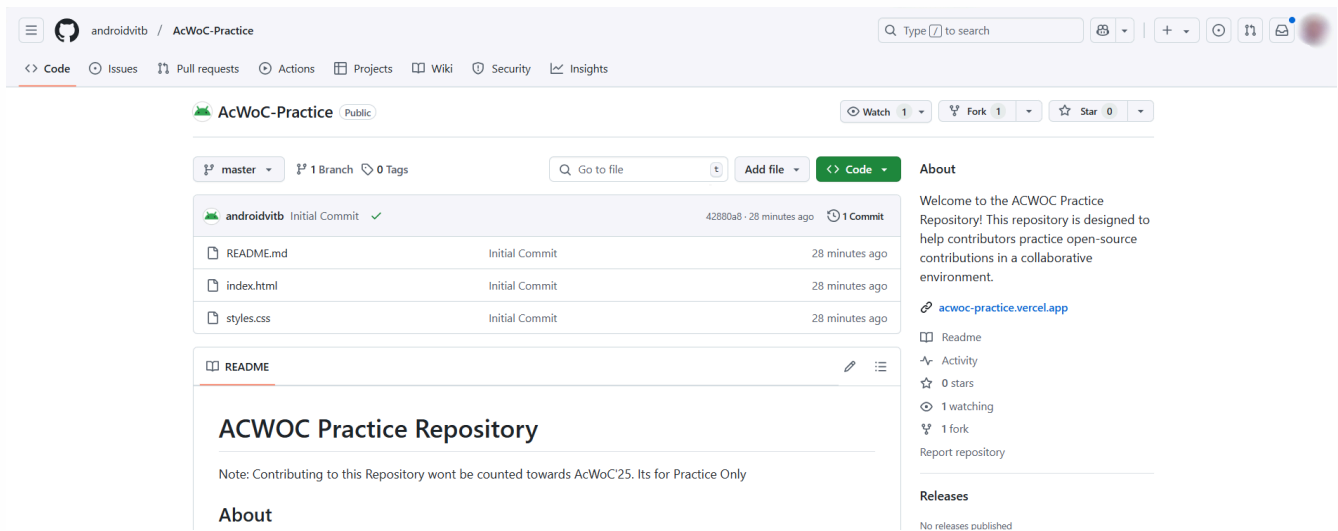# AcWoC

## CONTRIBUTOR GUIDE

Comprehensive Guide for AcWoC'25
Contributors

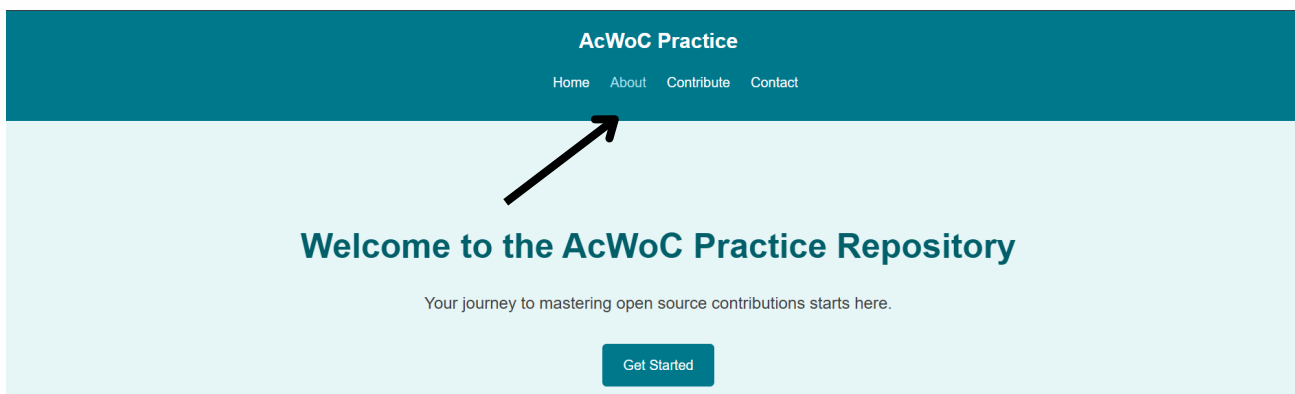acwoc.androidclubvitb.tech

# How to Contribute to ACWOC Projects

## Step 1: Open the Project You Want to Contribute To

- Visit the repository on GitHub.
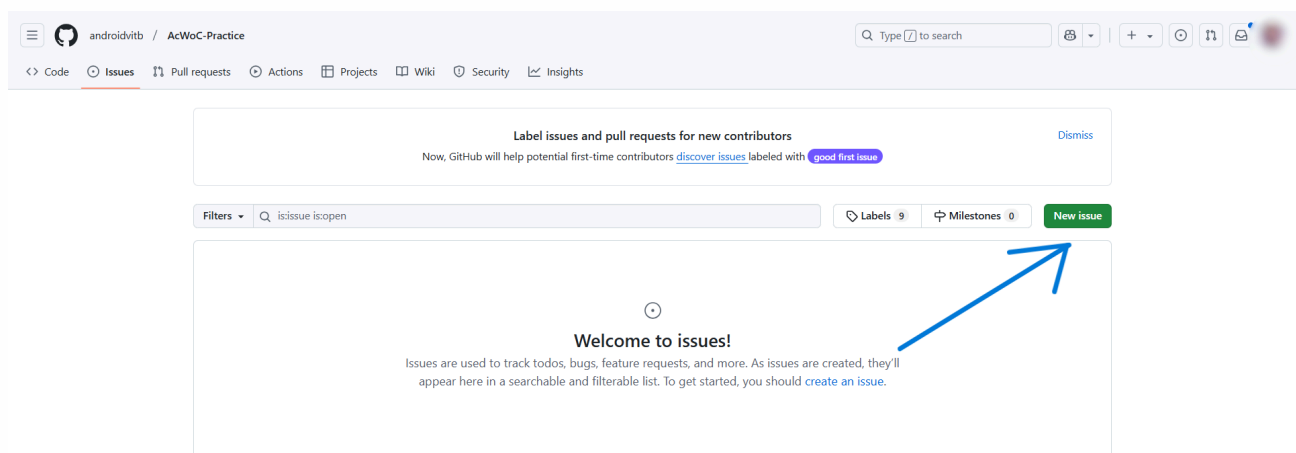- Explore the project and familiarize yourself with its purpose and goals.



## Step 2: Go Through the Project's README File and Deployement

- Read the **README file** carefully to understand the project structure, guidelines, and dependencies.
- Look for potential **bugs, features, or improvements** that you can work on. **For example**, if you notice that the website's navigation links are not functional, you can identify it as a bug to address
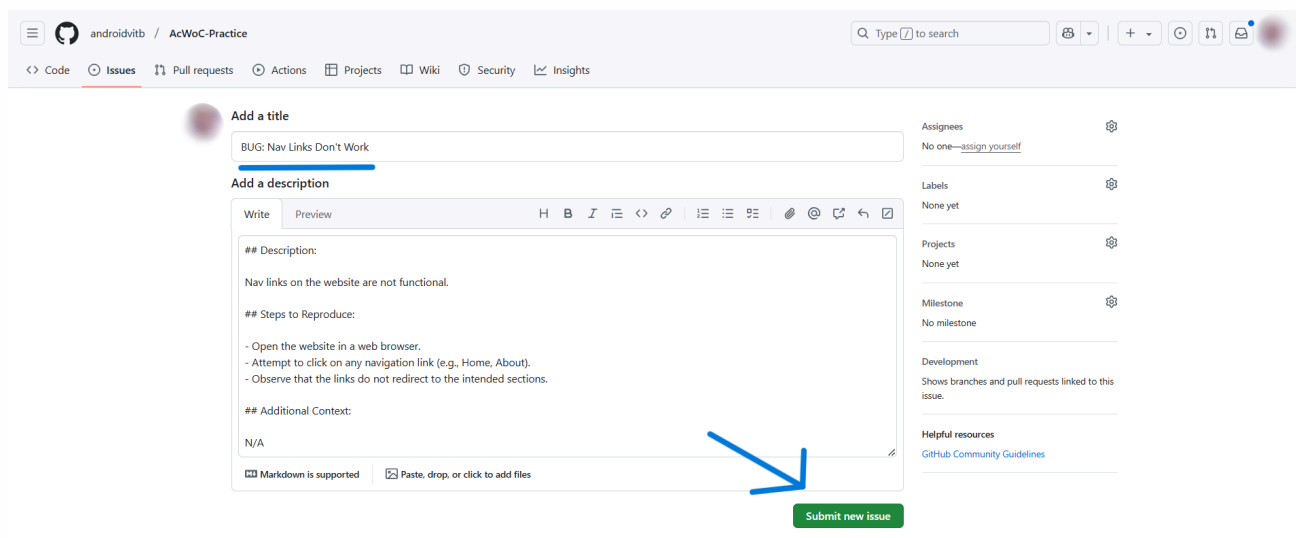
## Step 3: Check the Issues Section

- Navigate to the Issues tab of the repository.
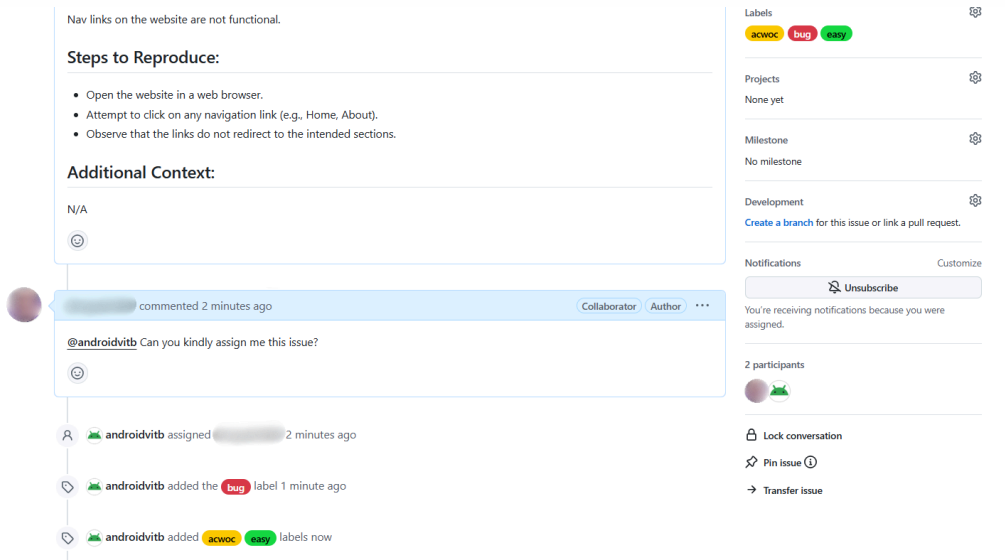- If your identifed issue isn't already listed, create a new issue.



## Step 4: Create or Work on an Issue

- If creating a new issue, provide a detailed description of the bug, feature, or improvement you want to address.
- Check existing issues to ensure they are not assigned to someone else before starting work.
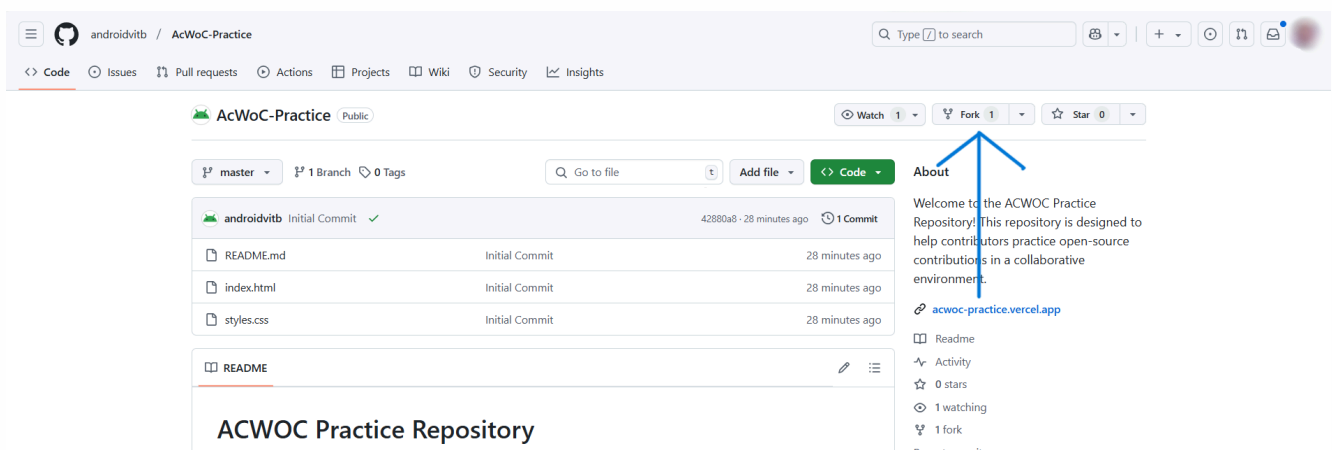
## Step 5: Get the Issue Assigned

- Comment on the issue and ask the project maintainer to assign it to you.
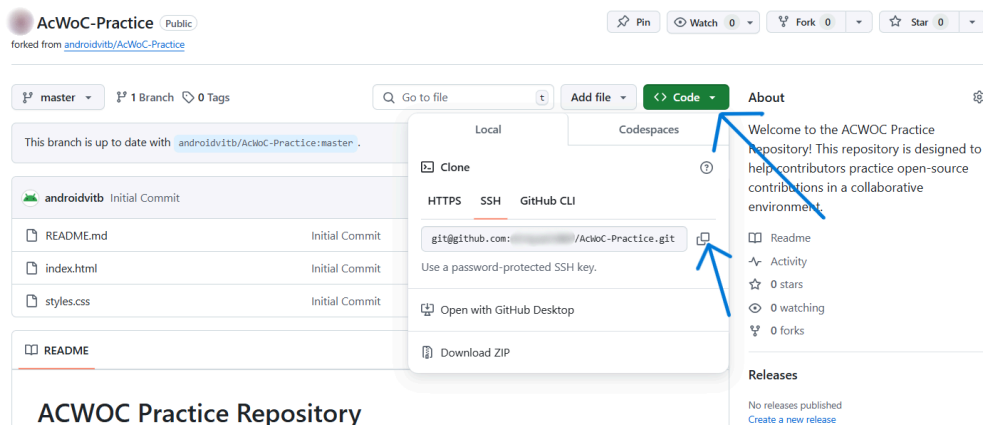


## Step 6: Fork the Repository

- Click the Fork button at the top right corner of the repository to create your own copy.

## Step 7: Get the Clone URL

- Open your forked repository.
- Click the Code button and copy the SSH key.



## Step 8: Clone the Repository

- Open your terminal and run the following command:
- git clone https://github.com/your-username/acwoc-practice.git



## Step 9: Navigate to the Repository

- Use the following command to navigate to the cloned repository:
- `cd acwoc-practice`

## Step 10: Create a New Branch for Your Work

- Always work on a separate branch to avoid conflicts:
- git checkout -b your-branch-name

## Step 11: Make Changes and Commit Your Work

- After making the necessary changes, stage and commit them:
- git add -A
- git commit -m "Your commit message"

```
PS D:\AcWoC\AcWoC-Practice> git checkout -b "bug/nav-link"
Switched to a new branch 'bug/nav-link'
PS D:\AcWoC\AcWoC-Practice> git add -A
PS D:\AcWoC\AcWoC-Practice> git commit -m "Bug: Fixed Nav Links"
[bug/nav-link c355abb] Bug: Fixed Nav Links
 1 file changed, 6 insertions(+), 6 deletions(-)
PS D:\AcWoC\AcWoC-Practice>
```

## Step 12: Push Your Branch to Your Fork

- Push your branch to your forked repository:
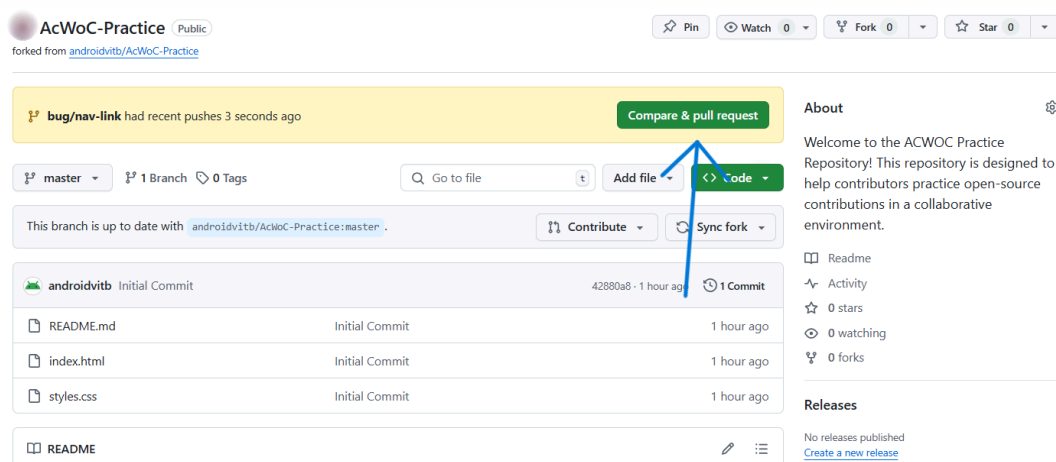- git push https://github.com/your-username/acwoc-practice.git

## Step 13: Checkout to the Main Branch

- After successfully pushing your branch, switch back to the master branch: git checkout master

```
PS D:\AcWoC\AcWoC-Practice> git push git@github.com:        /AcWoC-Practice.git
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 403 bytes | 403.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'bug/nav-link' on GitHub by visiting:
remote:         https://github.com/        /AcWoC-Practice/pull/new/bug/nav-link
remote:
To github.com:        /AcWoC-Practice.git
 * [new branch]        bug/nav-link -> bug/nav-link
PS D:\AcWoC\AcWoC-Practice> git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.
```
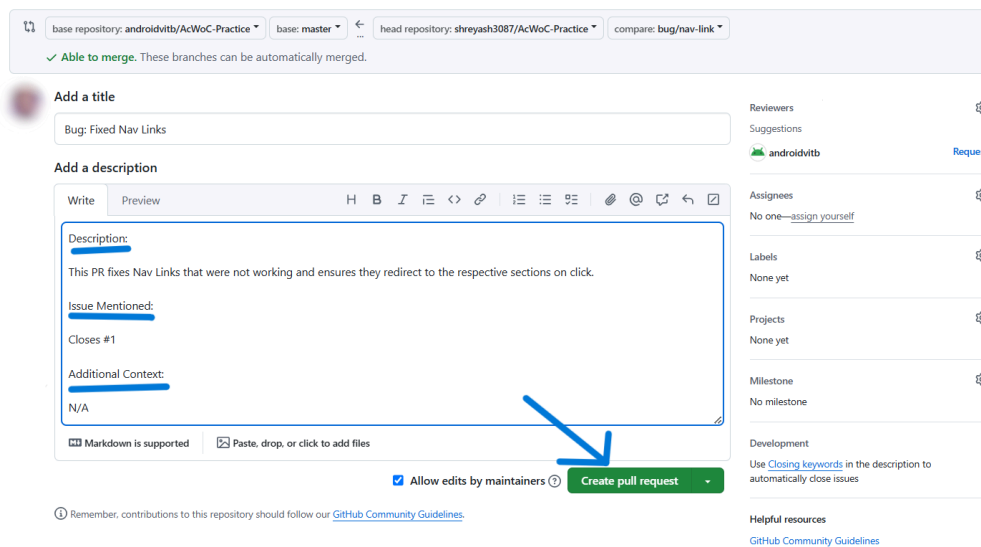
## Step 14: Open a Pull Request (PR)

- Go to your forked repository on GitHub.
- Click the Pull Requests tab and open a new pull request.
- Provide a clear description of your changes and link it to the issue you're addressing.

**Final Notes:**

- Wait for the project maintainers to review your pull request.
- Make any requested changes promptly.
- Celebrate your contribution once your PR is merged!

- **Make sure your PR gets labeled after merging, and you are made the assignee.**
- **If the project maintainer doesn't do that, contact them on Discord or report to the ACWOC core team.**

# Thankyou

If you're still facing any difficulties, feel free to reach out to us on Discord or email us at androidclub@vitbhopal.ac.in.

acwoc.androidclubvitb.tech