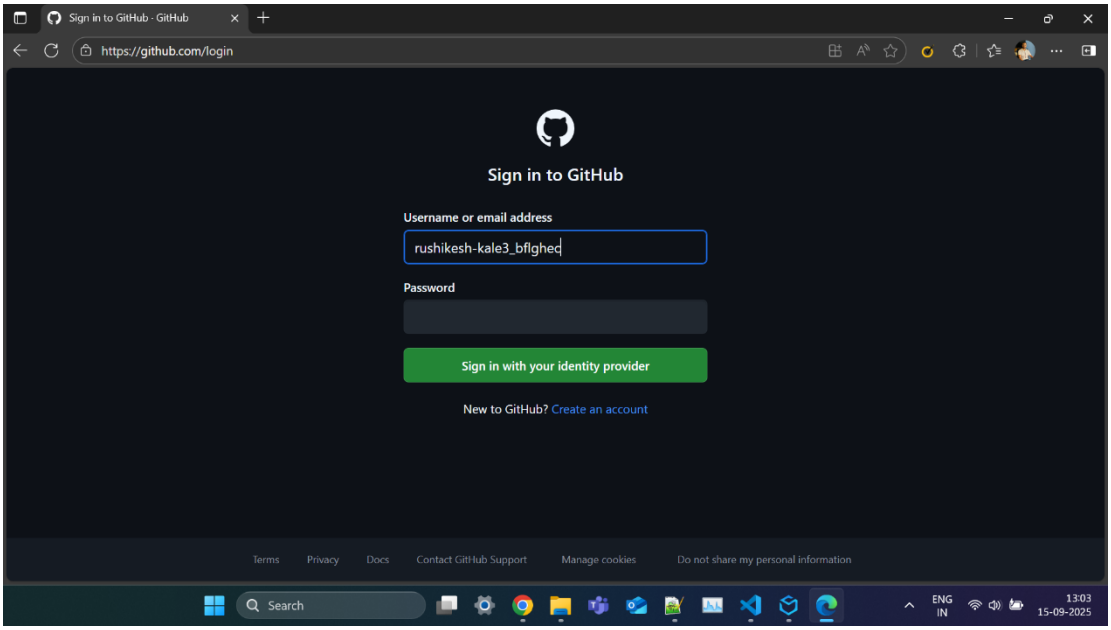
GitHub PR, Development And Deployment :

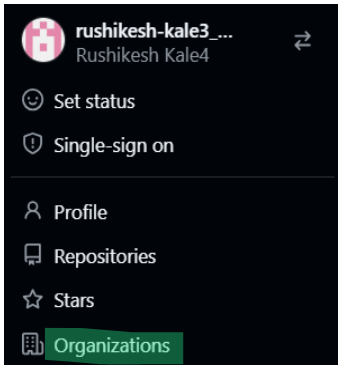
1. Login in the GitHub:

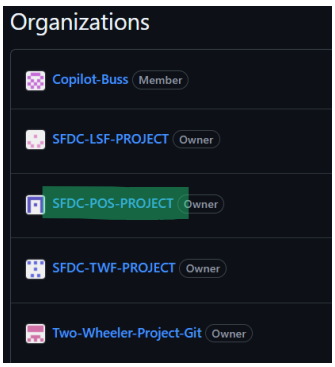
- https://github.com => GitHub_User_Name => Login with SOSL

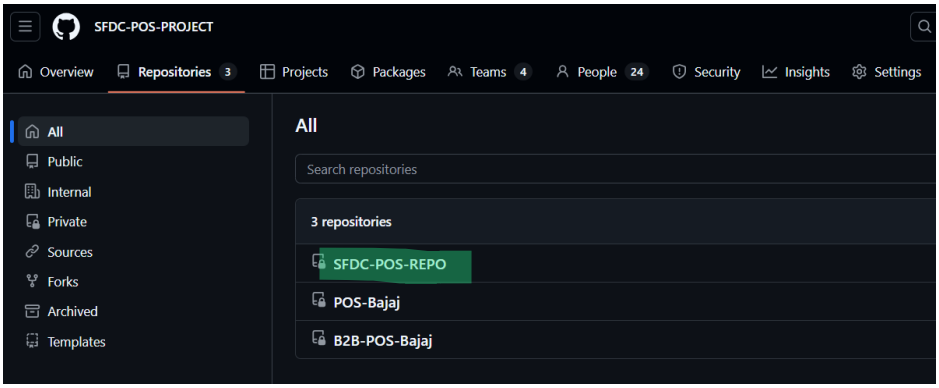


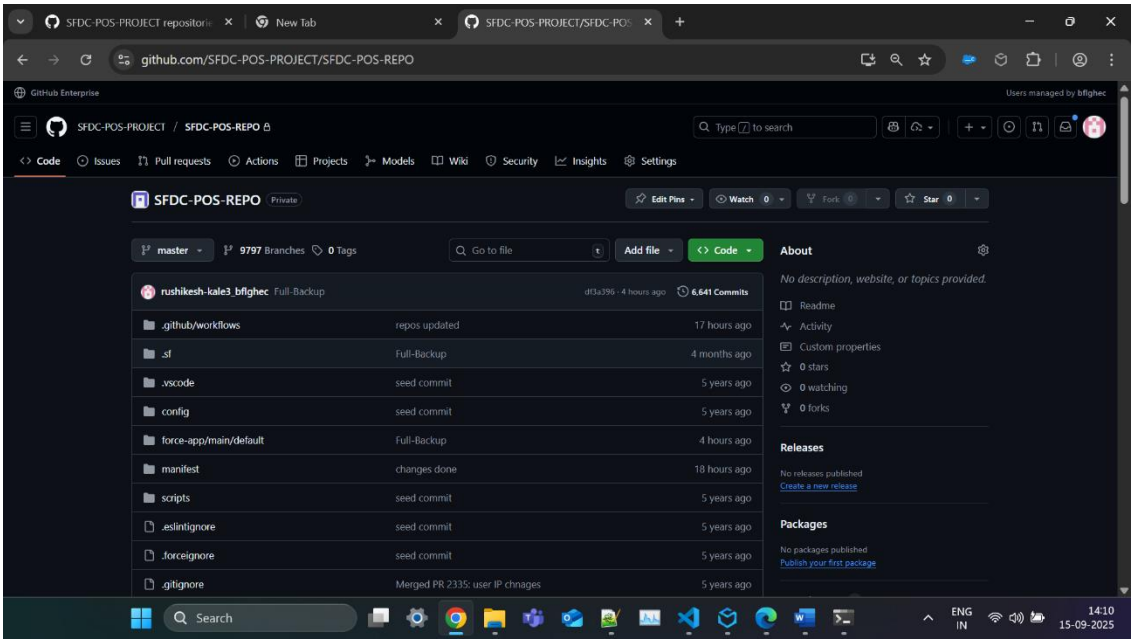
2. Navigate to Repos :

- Profile => Organization -> Select Project => Select Repos



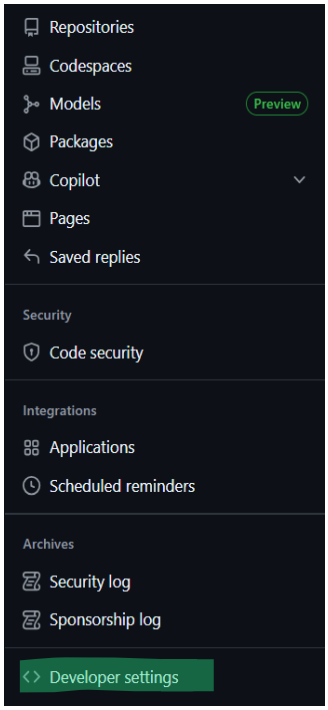


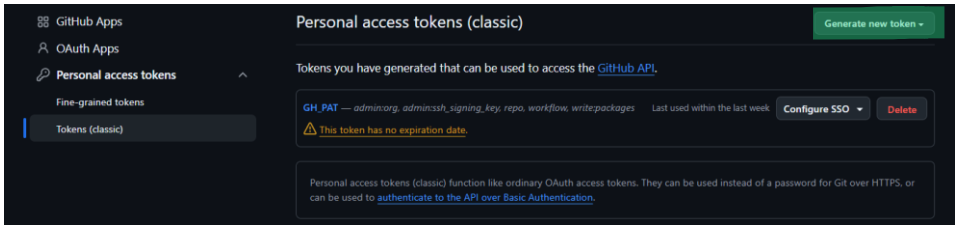


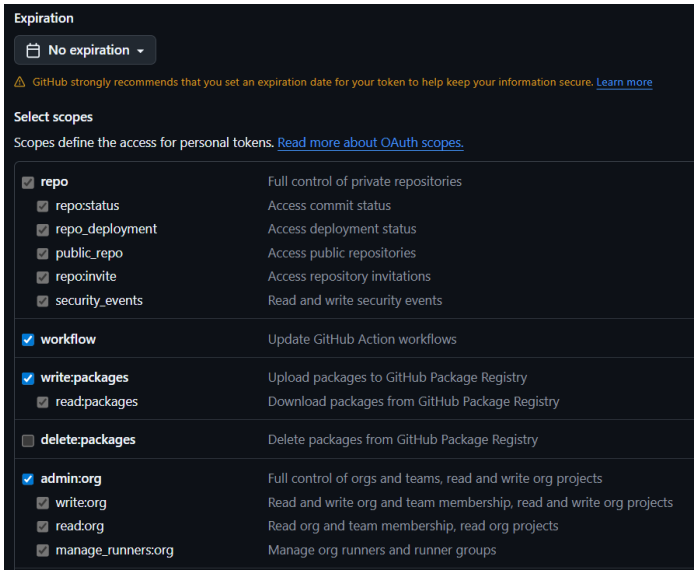


3. Create Personal Access Token :

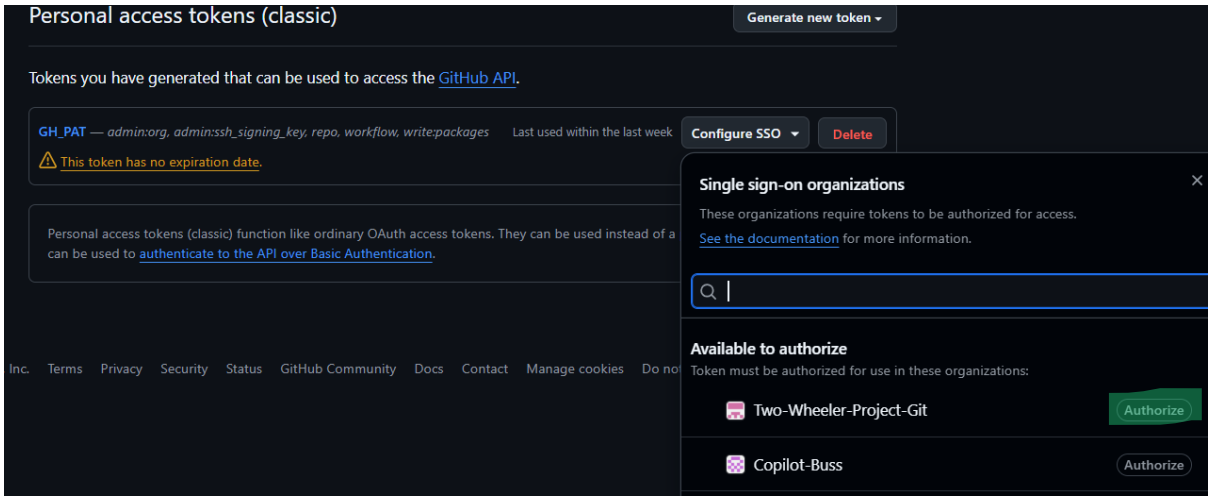
- Profile => Setting => Developer Setting => Personal Access Token
- Generate New Classic Personal Access token => auth a git repo







- Authorize the Repos for Token :

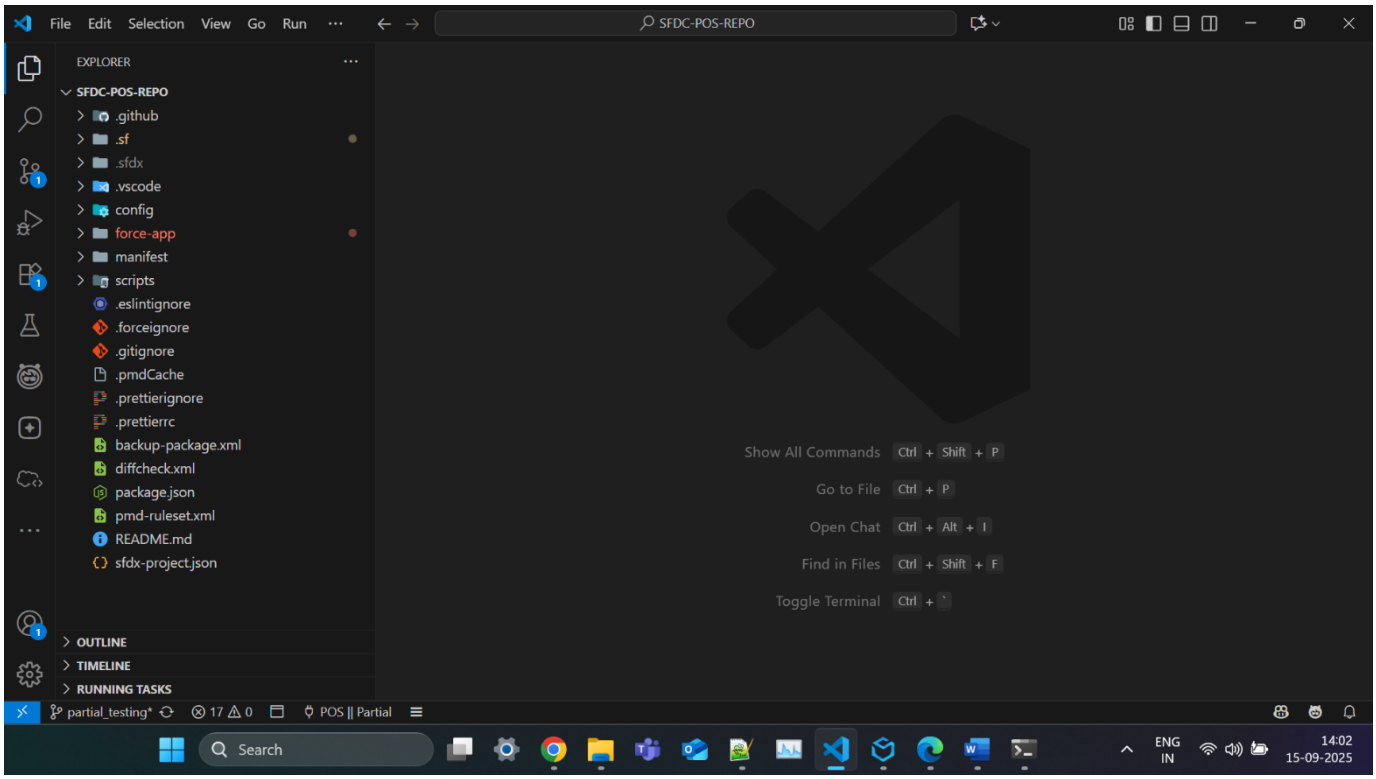


4. Cloning Repos :

- Open terminal => git clone GITHUB_URL

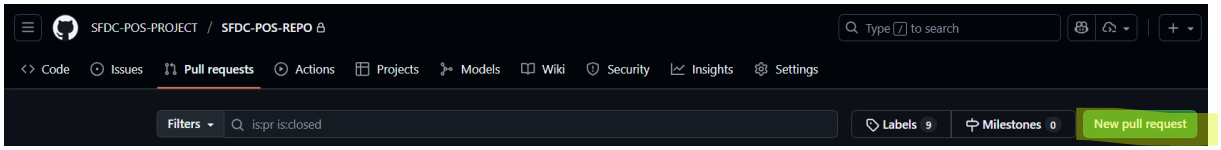
```
PS C:\Users\rushikeshkale3\Desktop\New folder (2)> git clone https://github.com/SFDC-POS-PROJECT/SFDC-POS-REPO.git
```

- Login in Terminal :
    - window =>
        - Auto Loging => Browser Based Login
    - mac =>
        - username : GitHub_User_Name
        - Pass : Personal Access Token generated in the Previous step
- Open Vs Code in the Cloned Folder :

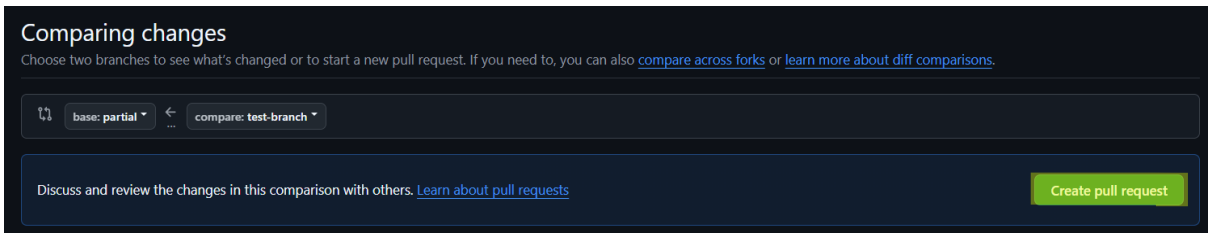


5. Raised the PR And Error Checking :

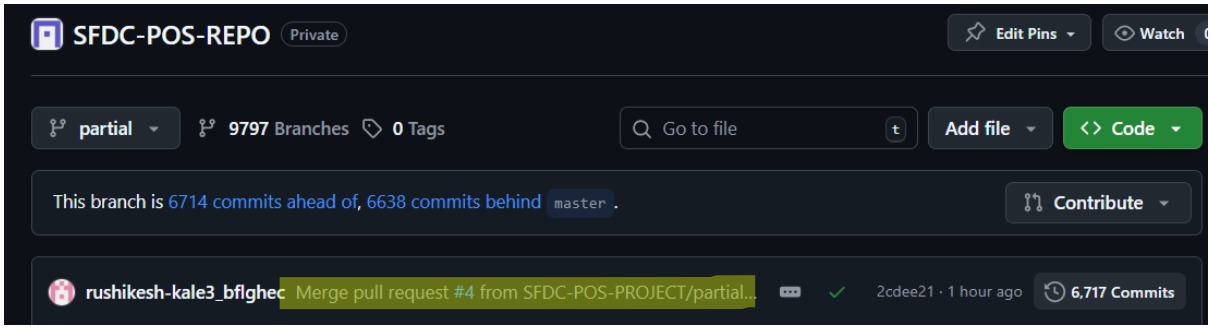
- Create Branch From Base Branch in VS Code[dev/partial/preprod/master]
- In your New Branch => Do Changes in the respective Classes and Code
- Update Package.xml file
- Commit the changes and Publish You Branch
- Go to GitHub in PR Section



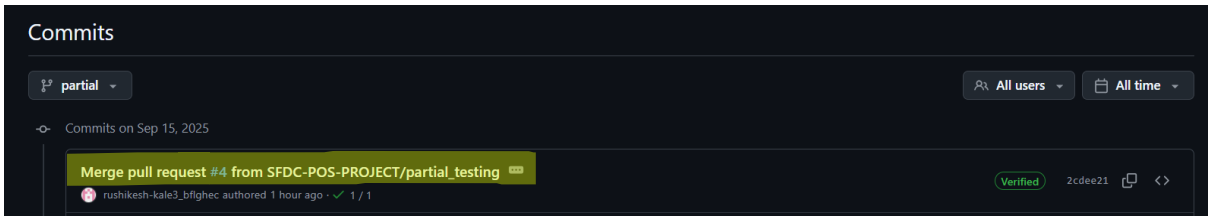
- Select you branch and base branch [like : test-branch into => partial]
- And Create Pull Request



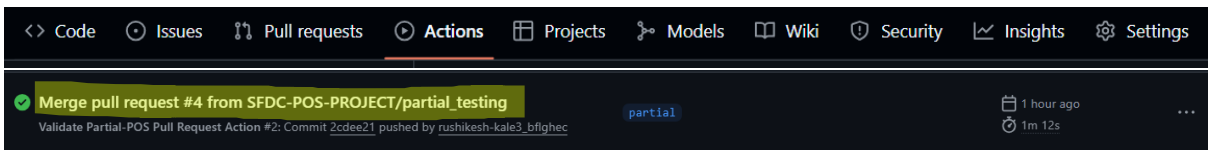
- After approval of the reviewer, You can Merge PR .
- Checking PR Commit and Release
- Code => select Base Branch => commits => your PR



- Check Merge Commit

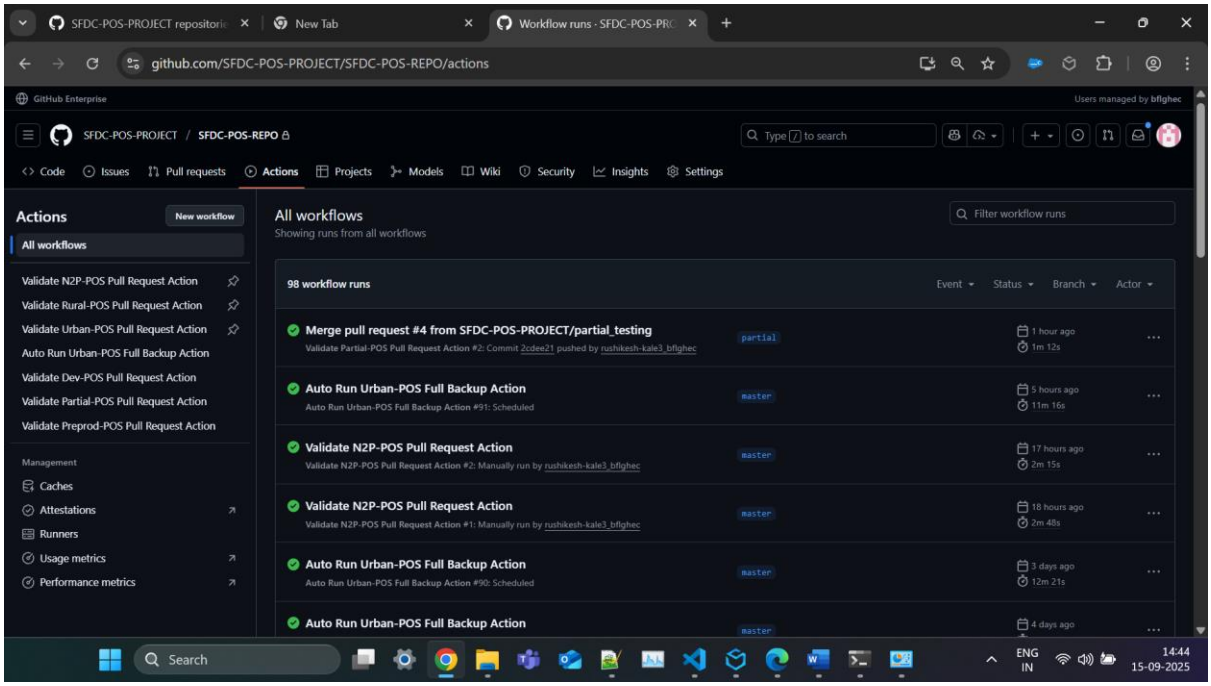


- Check Status of the Merging in the respective org :

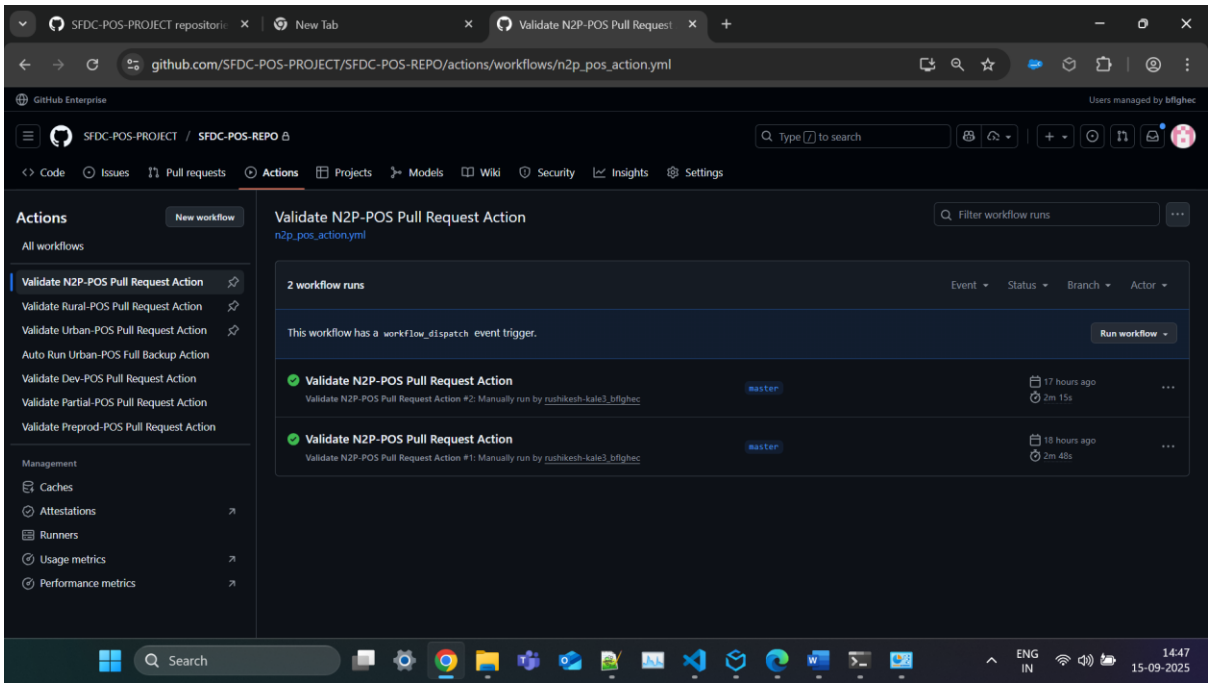


6. Production Deployment Details :

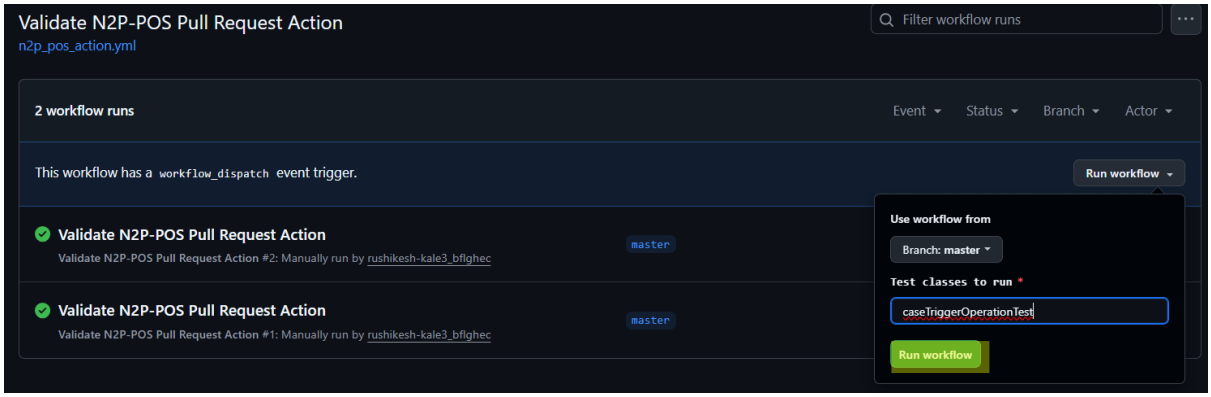
- Action Tab



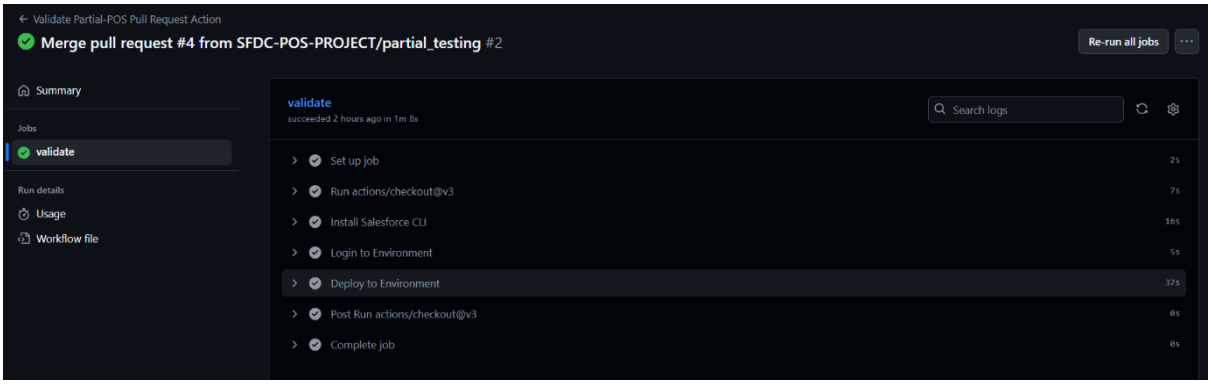
- Select the Work Flow which you have to Run :
  - Validate N2P-POS Pull Request Action – Rural N2P Package Validation
  - Validate Rural-POS Pull Request Action – Rural Package Validation
  - Validate Urban-POS Pull Request Action – Urban Package Validation
  - Auto Run Urban-POS Full Backup Action – Urban Production Full Backup



- Run Workflow [If test String Required Put it space separated]:

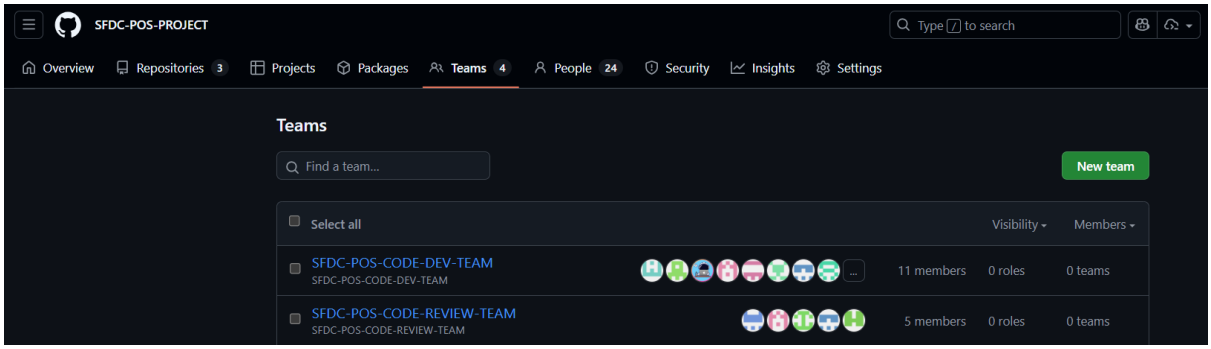


- After Workflow Run, we can check the status by clicking on the particular action

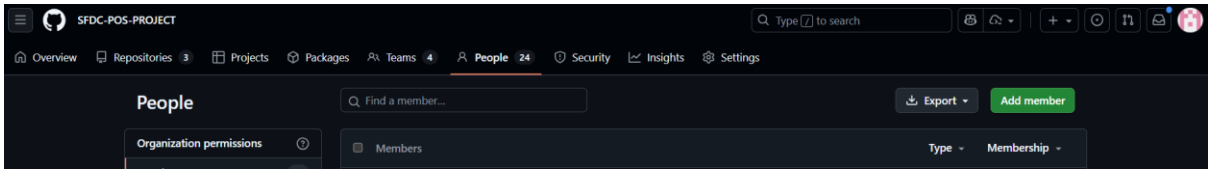


7. Admin Part :

- Add user According to Roles :
    - Owner -> People -> Add Member -> Owner
    - Code Review -> Teams -> **SFDC-POS-CODE-REVIEW-TEAM**
    - Developer -> Teams -> **SFDC-POS-CODE-DEV-TEAM**
- Developer and Code Review :



- Owner :



- Permission For Roles :
    - Owner -> Can Add New Member
    - Code Review -> Can Approve PR
    - Developer -> Raised the PR

8. Note :

1. Git Command :
    a. git clone {GITHUB_URL} => cloning into local machine
    b. git fetch –all => update old local repos
    c. git remote -v => check added remote URL
    d. git remote set-url origin NEW_URL_WITHTOKEN
2. It Is Good Practice to Set Remote with Personal Access Token :
    a. git remote -v => will get URL

```
PS C:\Users\rushikeshkale3\Desktop\New folder (2)\SFDC-POS-REPO> git remote -v
origin  https://github.com/SFDC-POS-PROJECT/SFDC-POS-REPO.git (fetch)
origin  https://github.com/SFDC-POS-PROJECT/SFDC-POS-REPO.git (push)
```

    b. NEW_URL_WITHTOKEN = **https://** ‘access_token@’ **existing_url**[from github]
    c. git remote set-url origin NEW_URL_WITHTOKEN
3. Error : [repository not found] :
    a. Navigate to : Control Panel => User Accounts => Credential Manager => Remove For GitHub