

11 Professional Github Repo

2. Requirement:

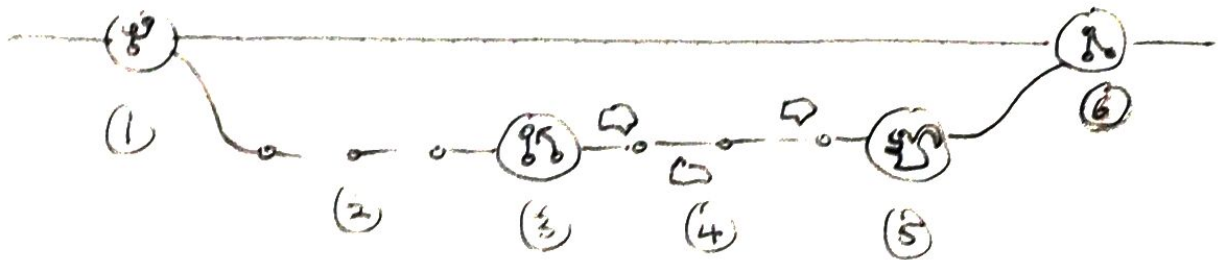
i) Professional Github repo rules applied.

- ↳ README, md file (use template)
- ↳ Meaningful name for pull requests & short summary
- ↳ Descriptive commit messages

ii) Github ~~Flow~~ Flow is used.

↳ Github Flow (Feature Branch Flow)

↳ A lightweight, branch-based workflow



(1) Branch :- an environment where you can try out new ideas

- ↳ Free to experiment & commit changes
- ↳ 1 rule: everything in `main` branch is always deployable
- ↳ Descriptive Branch name

(2) Add Commits . A transparent history of your work that others can follow to understand what you've done & why

- ↳ Each commit has an associated commit message.
- ↳ Each commit is a separate unit of change
- ↳ Lets you roll back changes if a bug is found, or if you decide to head in a different direction.
- ↳ Commit messages are important, by writing clear commit messages, you can make it easier for other people to follow along and provide feedback.

- II - Professional GitHub Repo

(3) Open a Pull Request

- ↳ Initiate discussion about your commits
- ↳ Tightly integrated with the underlying Git repo, anyone can see exactly what changes would be merged if they accept your request.
- ↳ Can open it at any point during the development process
- ↳ To ask feedback from specific person / teams, use GitHub @mention system.
- ↳ Useful for contributing to open sources & managing changes to shared repo.
- ↳ For Fork & Pull model, Pull Requests provide a way to notify project maintainers about the changes you'd like them to consider.
- ↳ For Shared Repo model, Pull Requests help start code review and conversation about proposed changes before they're merged into the master branch.

(4) Discuss & Review Your Code

- ↳ Questions / comments for person / teams reviewing.
- ↳ Code style / project guidelines / unit tests missing. PR are designed to encourage & capture this kind of conversation.
- ↳ May continue to push or branch in light of discussions & feedback of your commits
- ↳ Pull R comments are written in **Markdown**, can embed images & **emoji**, text-blocks / others.