master branch

pull request

pull request

branch feature_1

branch feature_2

branch feature_1

Local Repo

branch feature_2

Local Repo

Practice

1. git clone (or git pull if you already have it)

2. git status (see if you are on the master branch)

3. git checkout -b branch_name (create a branch)

4. [create/edit some files]

5. git add --all

6. git commit -m 'Added some files'

7. git push origin -u branch_name (push the new branch to remote)

8. [go to your GitHub repo home page]

9. [create a pull request with reviewers and labels]

10. [ask your teammate to review, put comments, or approve]

11. [if there are comments needed to address, go back to 4-6 then `git push`]

12. [if not, with all the approval, you can merge]

13. [click the merge button]

14. [go back to GitHub homepage to see if you have the code updated there]

15. git checkout master (go back to master branch locally)

16. git pull (make sure the master branch is clean)

17. [to work on the next feature, go back to 1]

Good practices

Keep the feature branch small and the pull request small, so it will be much easier for others to review.

Avoid hundreds/thousands line of modifications in a single pull-request.

Request at least 1 team member to review your pull request. Reviewer should review carefully, rather than just say approve.