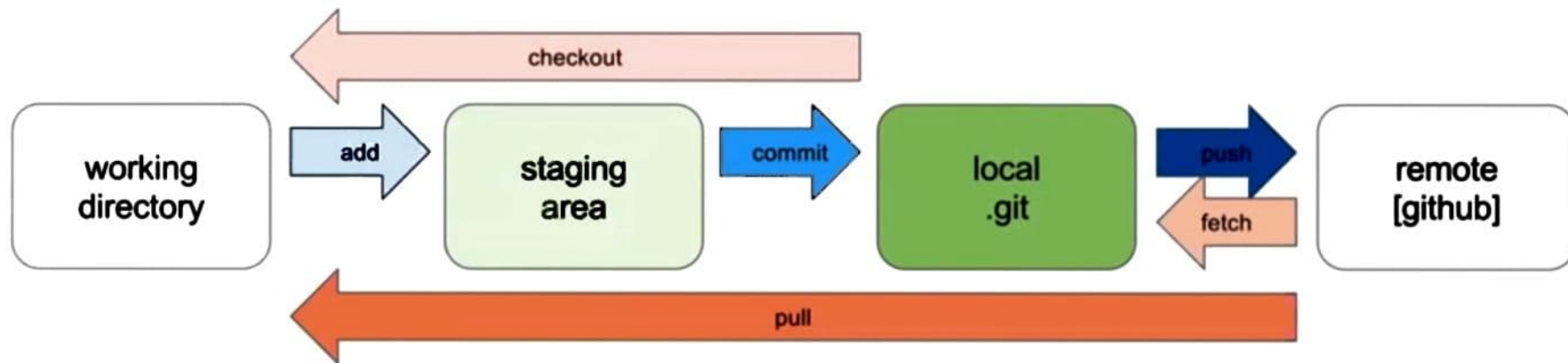


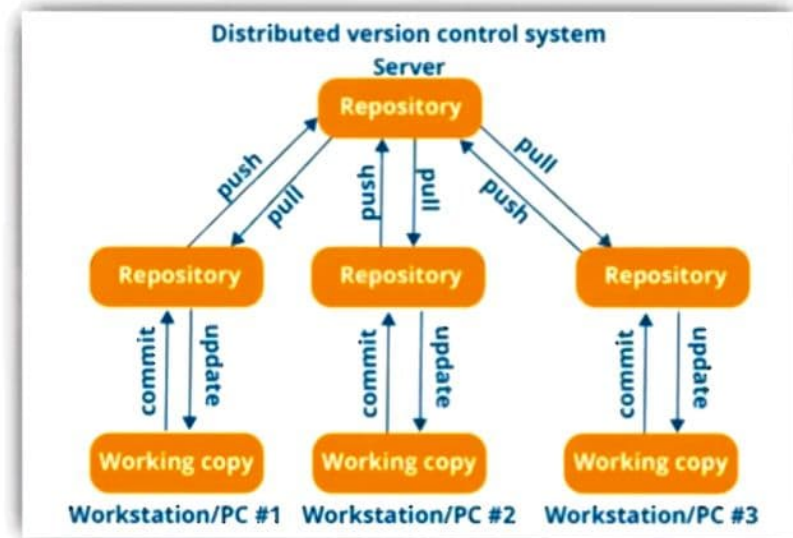
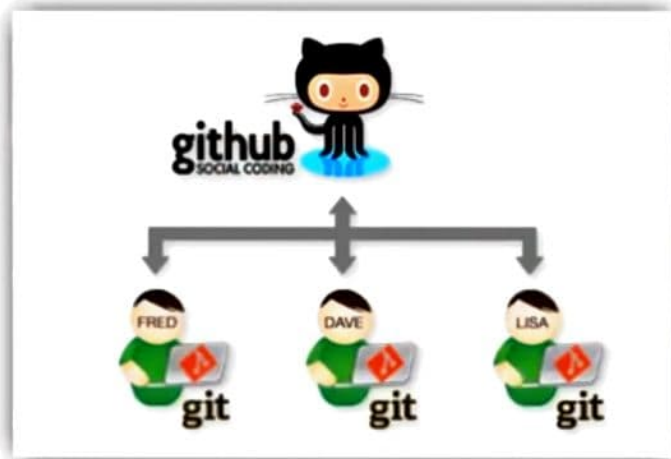
Git

- **Git** is a revision control system used to track changes in computer files. It's a tool to manage your code & file history while coordinating work remotely on those files with others.



Github

- GitHub is a hosting service for git repositories. Git is the tool, while GitHub is the service to use git.





3

- 1) Clone Remote Repo to Local Repo (Working directory)
- 2) Import project from git to workspace
- 2) Add/modify features/code/Test cases
- 3) Create new branch in Remote Repo(Github) using Eclipse
- 4) Add file/s to staging
- 6) Commit changes to Local Rep(git)
- 7) Push changes to Remote Rep(Github) from new branch
- 8) Request PR(Pull Request) for review code



2

- 1) Create new Project.
- 2) Create Local(git) repository
- 3) Add files to Staging
- 4) Commit changes to Local Repo(git)
- 5) Push changes to Master branch Remote Repo (Github)

1

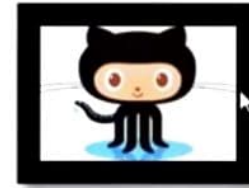
Hey Guys, I created new Project on GitHub.
Go head and clone it then continue with your tasks.



Branch X

Branch Y

Branch Z



4

Review Code :

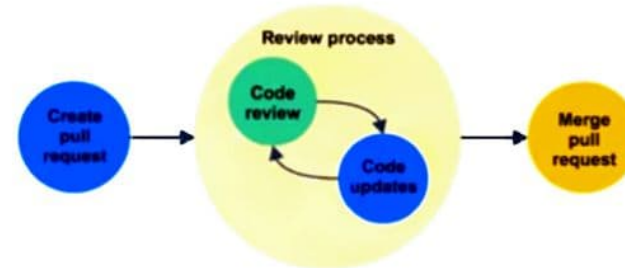
Case 1: Changes required, then provide comments to Team Member

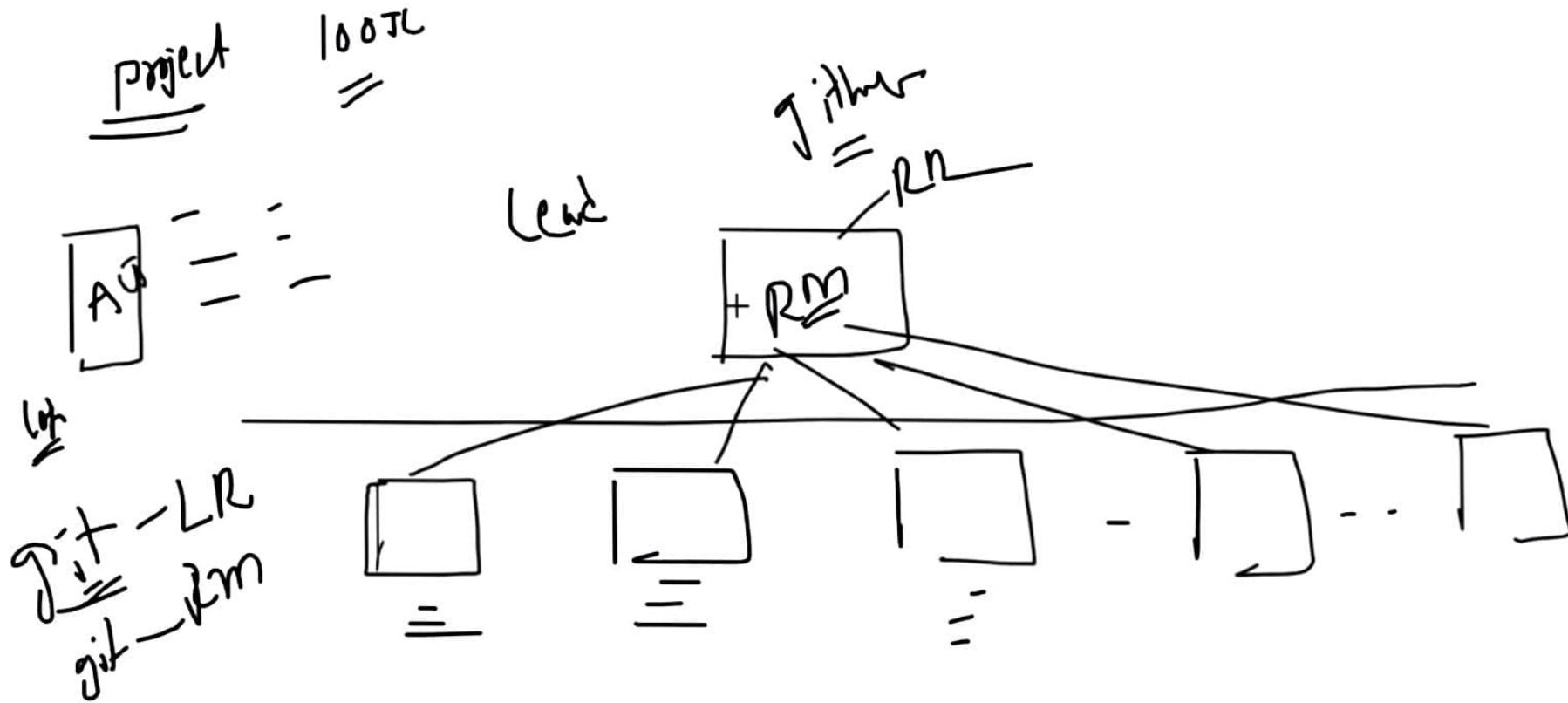
Case 2: Everything good, then provide approval to merge code in to Master branch in Github.



5

Merge Code with Master Branch





Git & Github Integration

- Branching
- Merging