

Pull request

???????????? Git ???

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fork???????????????????????????? repo????????????? fork ???

```

[illegible]

- Make changes to the file.
- Change the proposal and complete a description of the change.
- Click the Proposed File Change button to create a commit in the forked repo to send the change to the owner.
- Enter comments about the change. If more context is needed about the change, use the text box.
- Click Pull Request.

?????Creating a pull request

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- **Merge commits.** All commits from the feature branch are added to the base branch in a merge commit using the `--no-ff` option.
- **Squash and merge commits.** Multiple commits of a pull request are squashed, or combined into a single commit, using the fast-forward option. It is recommended that when merging two branches, pull requests are squashed and merged to prevent the likelihood of conflicts due to redundancy.
- **Merge message for a squash merge.** GitHub generates a default commit message, which you can edit. This message may include the pull request title, pull request description, or information about the commits.
- **Rebase and merge commits.** All commits from the topic branch are added onto the base branch individually without a merge commit.
- **Indirect merges.** GitHub can merge a pull request automatically if the head branch is directly or indirectly merged into the base branch externally.

Practice

Basic processes

1. Fork the project you're interested in to your repository (via web)
 - Login to your GitHub repository
 - Visit the project: <https://github.com/google/it-cert-automation-practice>

- Fork your own copy of this project via GitHub's website
- 2. Clone the repository to local
 - `git clone https://github.com/google/it-cert-automation-practice`
 - `cd it-cert-automation-practice`
- 3. Setup a remote for the upstream repo.
 - `git remote -v`
 - `git remote add upstream https://github.com/google/it-cert-automation-practice`
 - `git remote -v`
- 4. Configure Git
 - `git config --global user.name "Yourname"`
 - `git config --global user.email "your@email"`
- 5. Create new local branch for the fix
 - `git branch improve-username-behavior`
 - `git checkout improve-username-behavior`
- 6. Fix and test the code
- 7. Commit the changes
 - `git status`
 - `git add .`
 - `git commit`
 - `git push origin improve-username-behavior`
- 8. Create a pull request (PR) (via web)
 1. Login to your forked repository
 2. Go to Pull requests > Create a pull request
 3. Edit the title and the description for the pull request
- 9. You can see information about the branch's current deployment status and past deployment activity on the Conversation tab of the upstream repo. .

💡 Tip: ?? Commit ??????????????????(123)??????????

Updated validations.py python script.
Fixed the behavior of validate_user function in validations.py.
Fix for #123

💡 Tip: ?? Pull Request ?????????????????????? Pull requests >
Conversation ???