How to Submit Your Code to Gitlab

Workflow

- For each lab, you should follow the workflow below
  1. Fork our template repository on Gitlab
  2. Clone the forked repository to your computer
  3. Finish your lab
  4. Commit in your computer
  5. Push to Gitlab
  6. Send merge request of your branch to our template repository

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P practice-submission

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courses › ••• › 2020-spring › practice-submission › Details

P **practice-submission**
Project ID: 9897

Star 0 Fork 0 Clone

No license. All rights reserved **1** Commit **1** Branch **0** Tags **41 KB** Files

master practice-submission / + History Find file Web IDE

Initial commit
Yi-Chun Chen authored 6 hours ago
9af13851

README Auto DevOps enabled

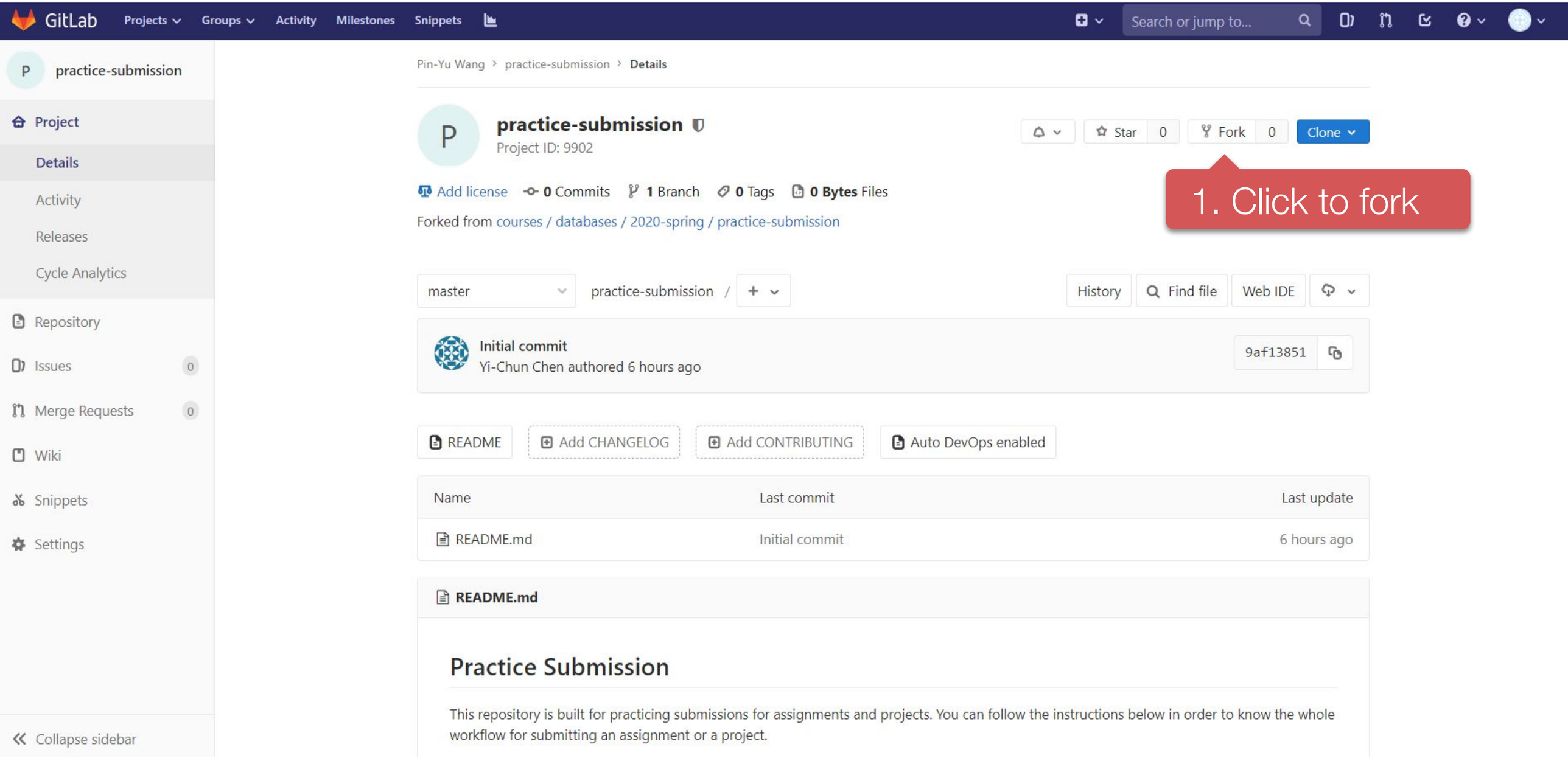
Name	Last commit	Last update
README.md	Initial commit	6 hours ago

README.md

Practice Submission

This repository is built for practicing submissions for assignments and projects. You can follow the instructions below in order to know the whole workflow for submitting an assignment or a project.

Try It !!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Pin-Yu Wang › practice-submission › Details
practice-submission
Project ID: 9902
Star 0
Fork 0
Clone
1. Click to fork
Add license
0 Commits
1 Branch
0 Tags
0 Bytes Files
Forked from courses / databases / 2020-spring / practice-submission
master
practice-submission /
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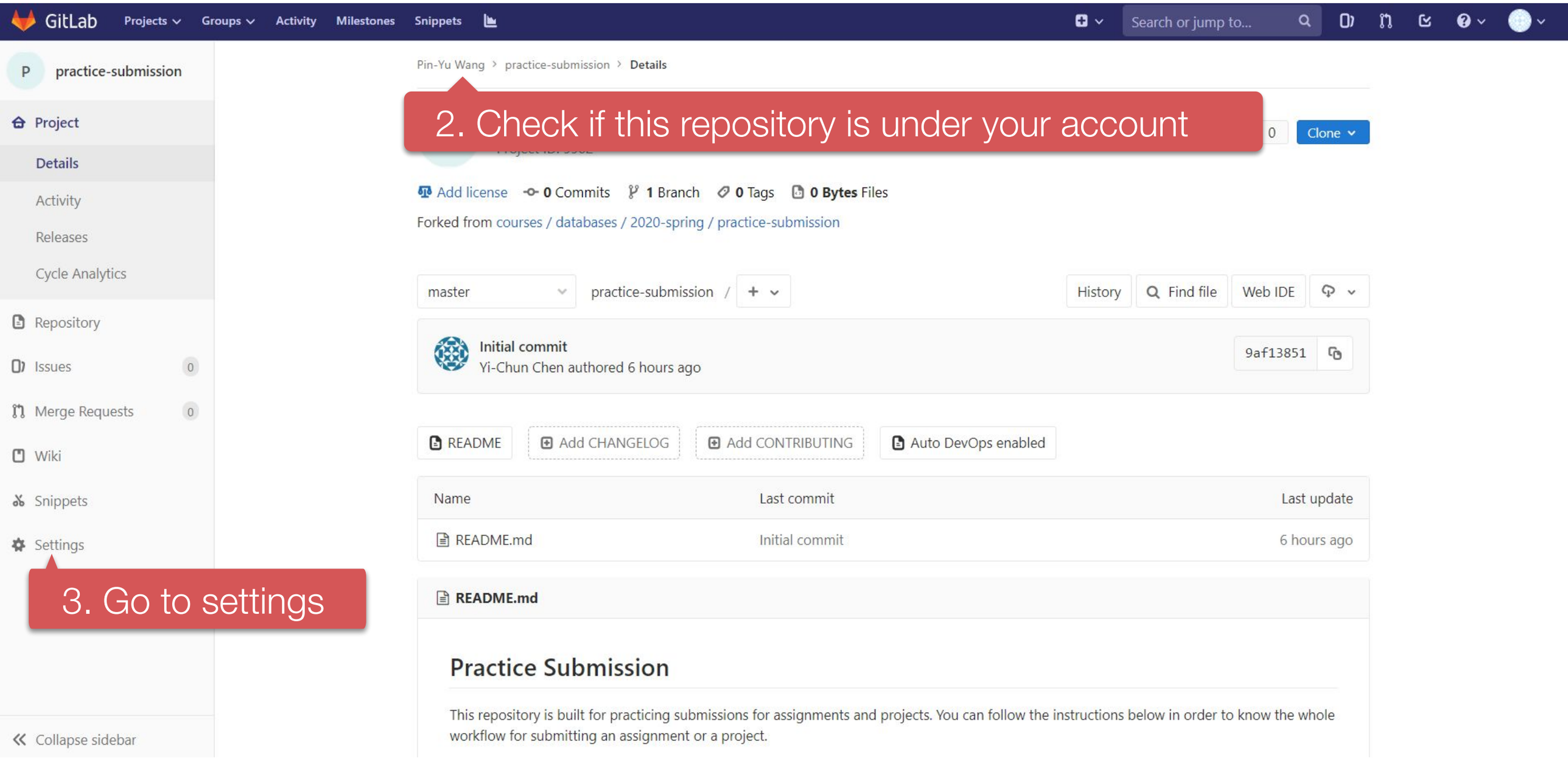
Find file
Web IDE
Initial commit
Yi-Chun Chen authored 6 hours ago
9af13851
README
Add CHANGELOG
Add CONTRIBUTING
Auto DevOps enabled
Name
Last commit
Last update
README.md
Initial commit
6 hours ago
README.md
Practice Submission
This repository is built for practicing submissions for assignments and projects. You can follow the instructions below in order to know the whole workflow for submitting an assignment or a project.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2. Check if this repository is under your account
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Add license
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1 Branch
0 Tags
0 Bytes Files
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Last update
README.md
Initial commit
6 hours ago
3. Go to settings
README.md
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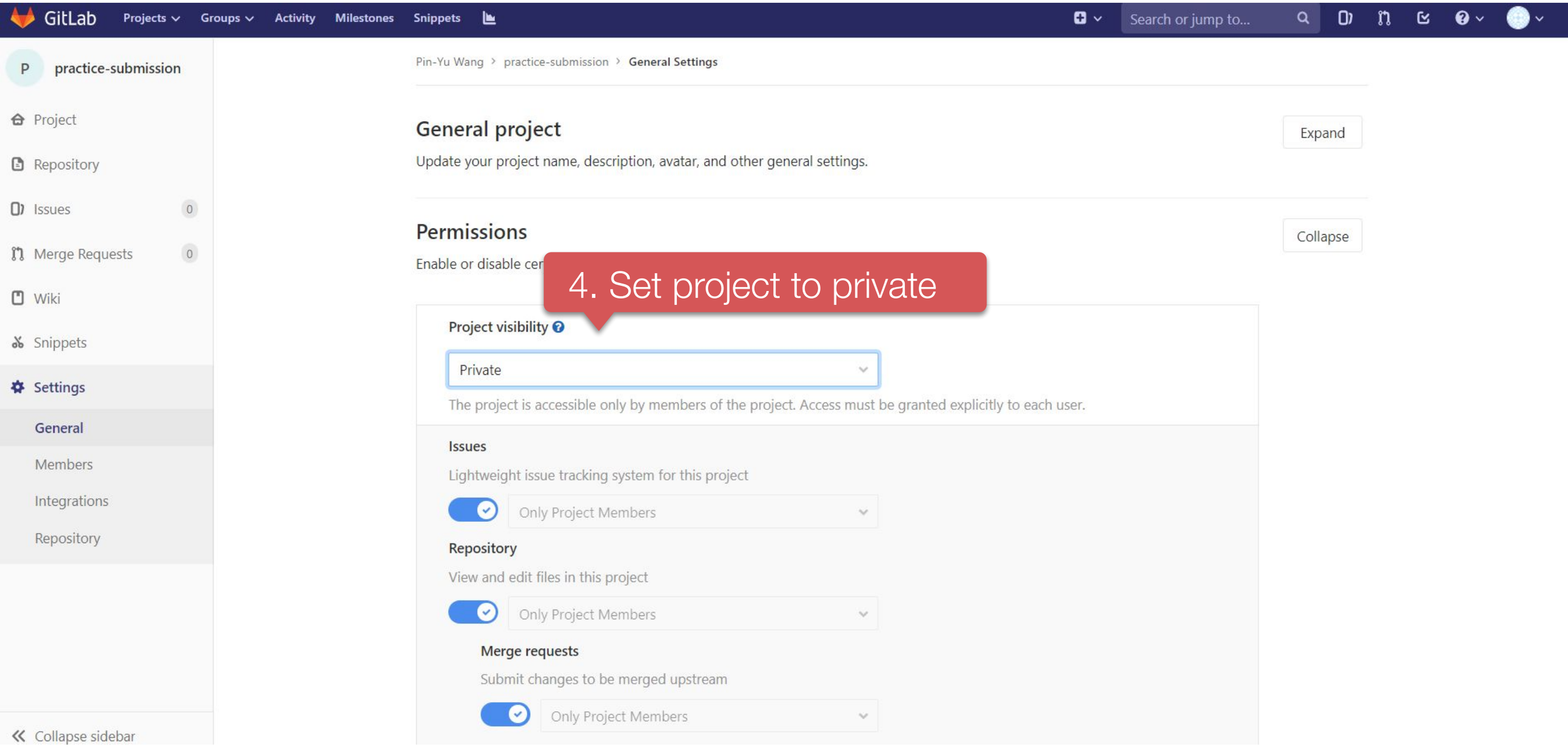
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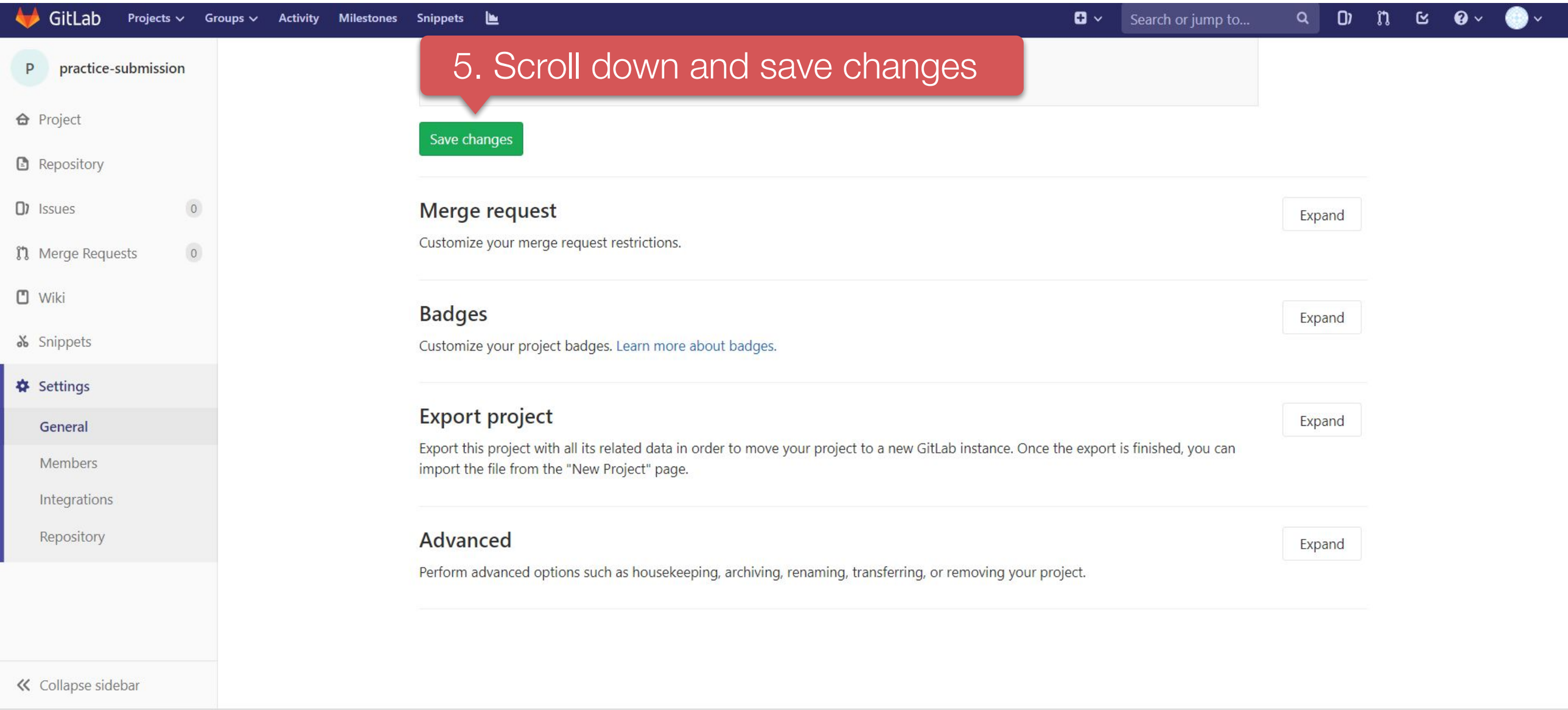
Pin-Yu Wang › practice-submission › General Settings
General project
Update your project name, description, avatar, and other general settings.
Expand
Permissions
Enable or disable cer
Collapse
4. Set project to private
Project visibility
Private
The project is accessible only by members of the project. Access must be granted explicitly to each user.
Issues
Lightweight issue tracking system for this project
Only Project Members
Repository
View and edit files in this project
Only Project Members
Merge requests
Submit changes to be merged upstream
Only Project Members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5. Scroll down and save changes
Save changes
Merge request
Customize your merge request restrictions.
Expand
Badges
Customize your project badges. Learn more about badges.
Expand
Export project
Export this project with all its related data in order to move your project to a new GitLab instance. Once the export is finished, you can import the file from the "New Project" page.
Expand
Advanced
Perform advanced options such as housekeeping, archiving, renaming, transferring, or removing your project.
Expand

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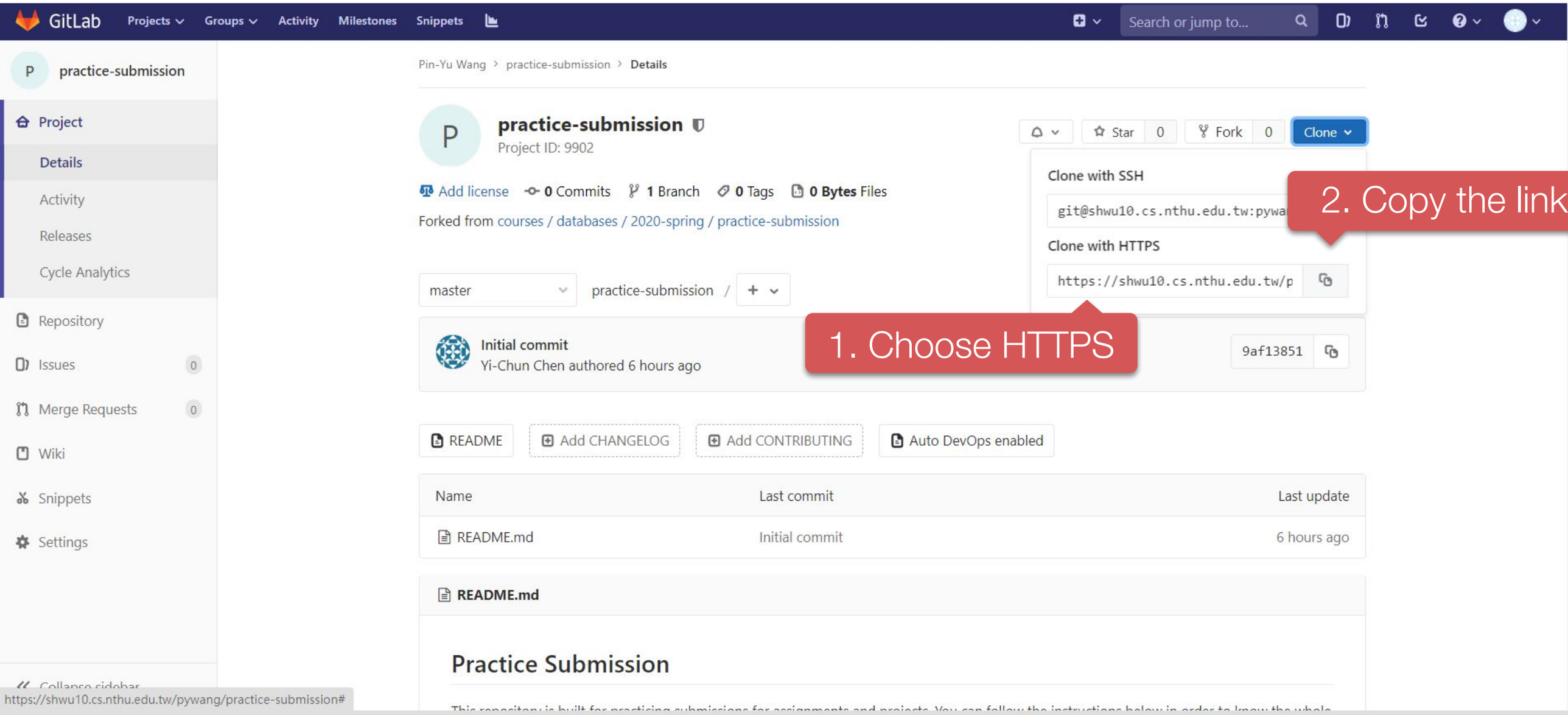
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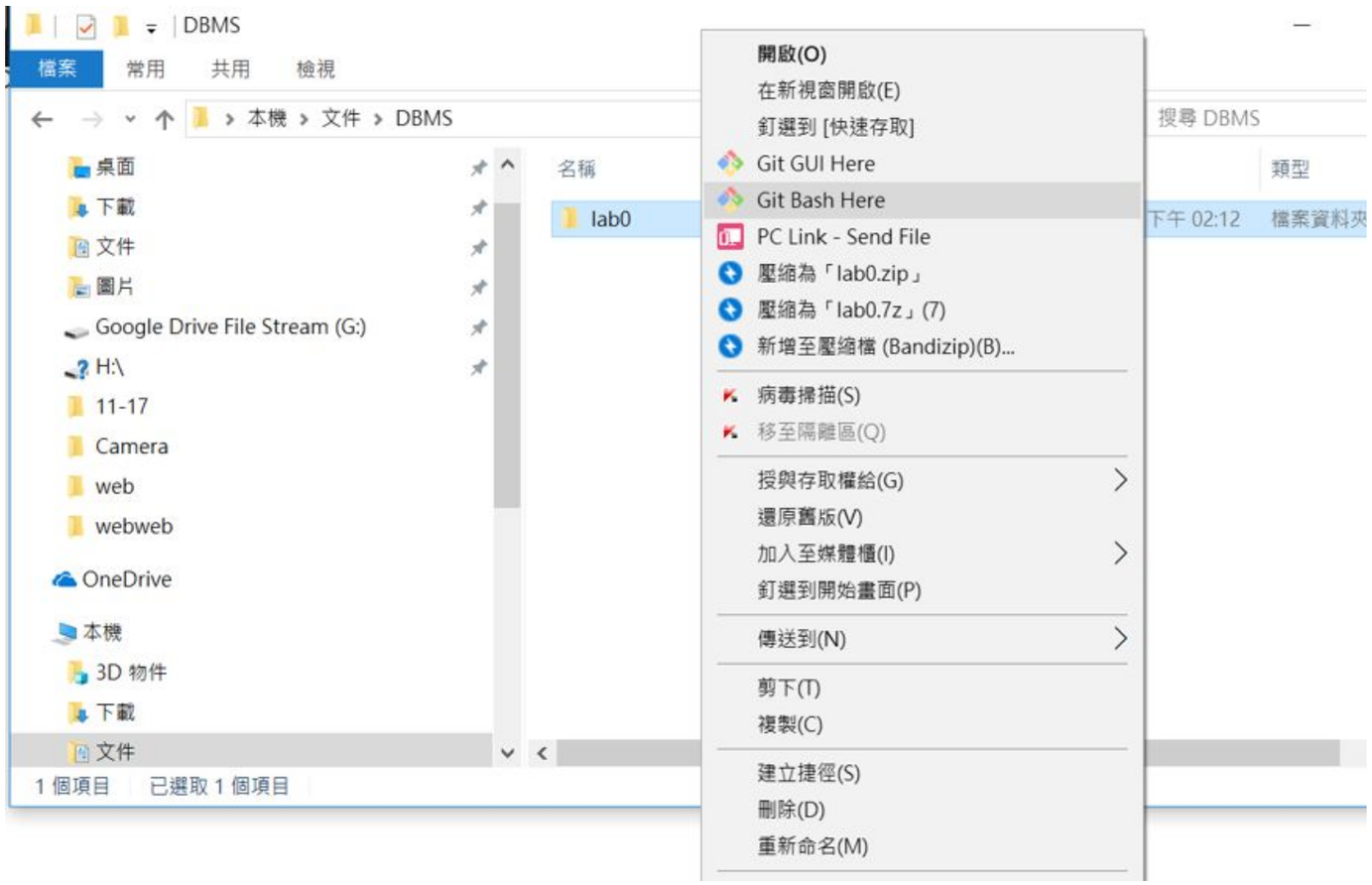
Pin-Yu Wang › practice-submission › Details
practice-submission
Project ID: 9902
Star 0
Fork 0
Clone
Add license
0 Commits
1 Branch
0 Tags
0 Bytes Files
Forked from courses / databases / 2020-spring / practice-submission
Clone with SSH
git@shwu10.cs.nthu.edu.tw:pywa
Clone with HTTPS
https://shwu10.cs.nthu.edu.tw/p
2. Copy the link
1. Choose HTTPS
master
practice-submission /
Initial commit
Yi-Chun Chen authored 6 hours ago
9af13851
README
Add CHANGELOG
Add CONTRIBUTING
Auto DevOps enabled
Name
Last commit
Last update
README.md
Initial commit
6 hours ago
README.md
Practice Submission
https://shwu10.cs.nthu.edu.tw/pywang/practice-submission#

If You use Windows



```
yicchen@LAPTOP-V7AFEOV7 MINGW64 ~/Documents/DBMS/lab0
$ git clone https://shwu10.cs.nthu.edu.tw/ycchen/practice-submission.git
Cloning into 'practice-submission'...
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0)
Unpacking objects: 100% (3/3), done.

yicchen@LAPTOP-V7AFEOV7 MINGW64 ~/Documents/DBMS/lab0
$ ls
practice-submission/

yicchen@LAPTOP-V7AFEOV7 MINGW64 ~/Documents/DBMS/lab0
$
```

3. Create a folder to put your repos

```
yicchen@LAPTOP-V7AFEOV7 MINGW64 ~/Documents/DBMS/lab0
$ git clone https://shwu10.cs.nthu.edu.tw/ycchen/practice-submission.git
Cloning into 'practice-submission'...
remote: Counting objects: 3, done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 3 (delta 0)
Unpacking objects: 100% (3/3), done.

yicchen@LAPTOP-V7AFEOV7 MINGW64 ~/Documents/DBMS/lab0
$ ls
practice-submission/

yicc                                    s/DBMS/lab0
$
```

4. Type "git clone {URL}"

5. The repo has been successfully cloned

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```
yicchen@LAPTOP-V7AFEOV7 MINGW64 ~/Documents/DBMS/lab0/practice-submission (master)
$ git add -A

yicchen@LAPTOP-V7AFEOV7 MINGW64 ~/Documents/DBMS/lab0/practice-submission (master)
$ git status
On branch master
Your br                                                    '.

Changes to be committed:
  (use "git reset HEAD <file>..." to unstage)

        new file:   practice.txt

yicchen@LAPTOP-V7AFEOV7 MINGW64 ~/Documents/DBMS/lab0/practice-submission (master)
$ git commit -m "Finish"
[master 93a03d5] Finish
 1 file cha
 create mod
```

1. -A means all files

2. Check if your file is added to git

3. Commit your changes

```
yicchen@LAPTOP-V7AFEOV7 MINGW64 ~/Documents/DBMS/lab0/practice-submission (master)
$ git commit -m "Finish"

*** Please tell me who you are.

Run

  git config --global user.email "you@example.com"
  git config --global user.name "Your Name"

to set your account's default identity.
mmit --global to set the identity only in this repository

fatal: unable to auto-detect email address (got 'yicchen@LAPTOP-V7AFEOV7.(none)')
```

If you see these message, type
git config --global user.name "{name}"
git config --global user.email "{email}"

{email} is the email you use on gitlab

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```
yicchen@LAPTOP-V7AFEOV7 MINGW64 ~/Documents/DBMS/lab0/practice-submission (master)
$ git push origin master
Counting objects: 3, done.
Delta compression
Compressing object
Writing objects: 100% (3/3), 284 bytes | 284.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://shwu10.cs.nthu.edu.tw/ycchen/practice-submission.git
   21e2fda..93a03d5  master -> master
```

Type "git push -u origin master"

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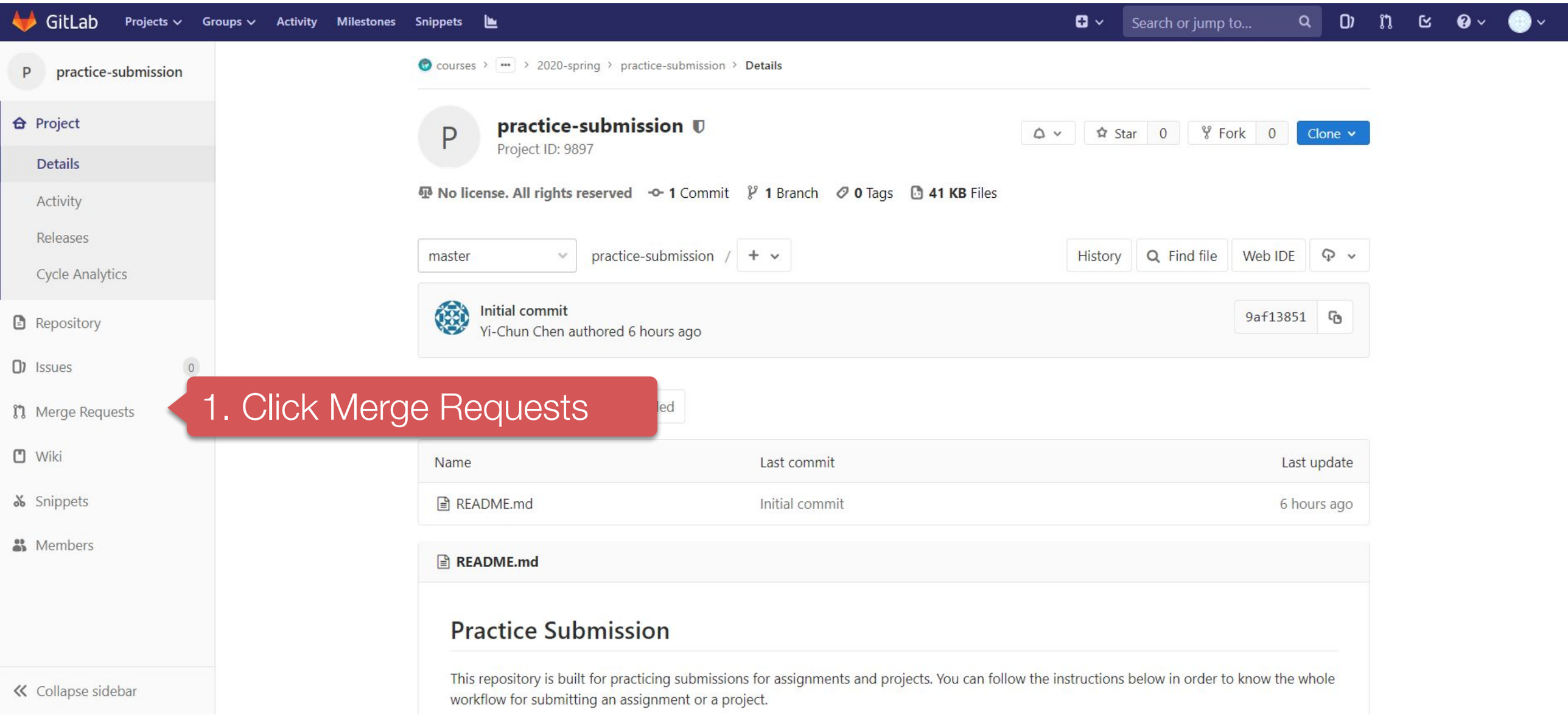
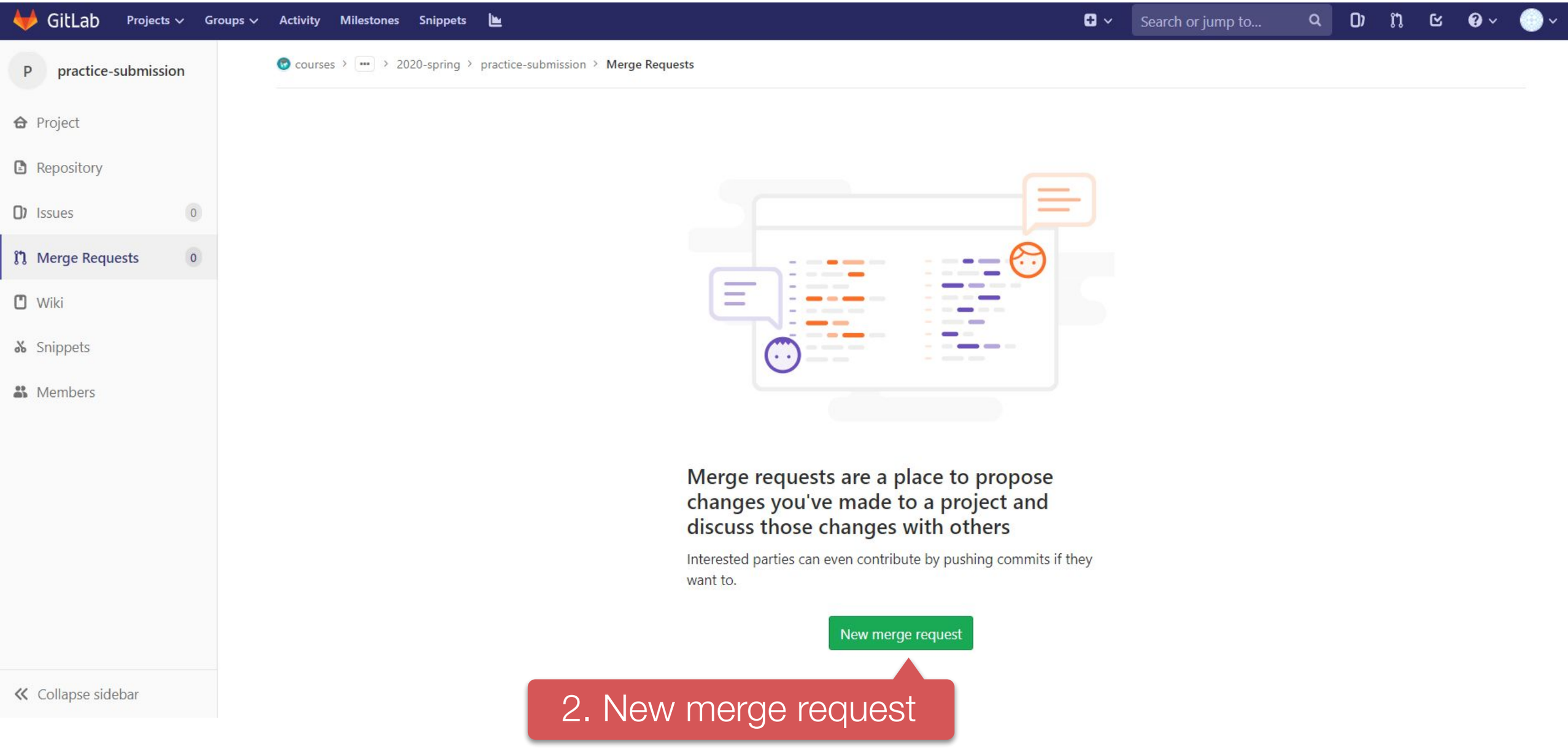


1. Click Merge Requests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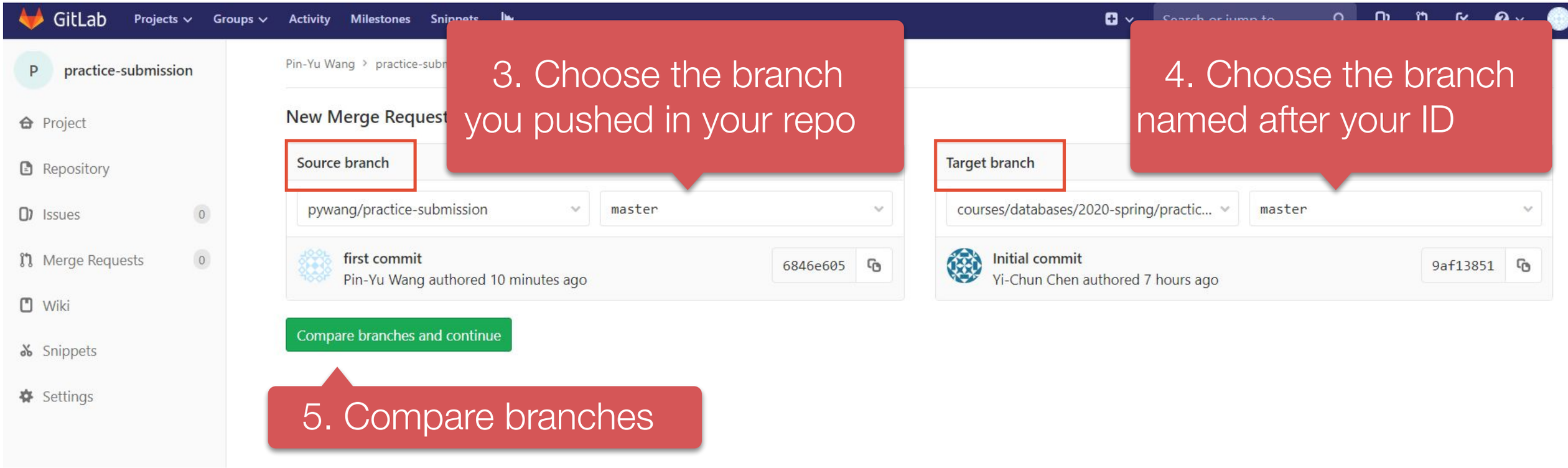
Merge Requests
Merge requests are a place to propose changes you've made to a project and discuss those changes with others
Interested parties can even contribute by pushing commits if they want to.
New merge request
2. New merge request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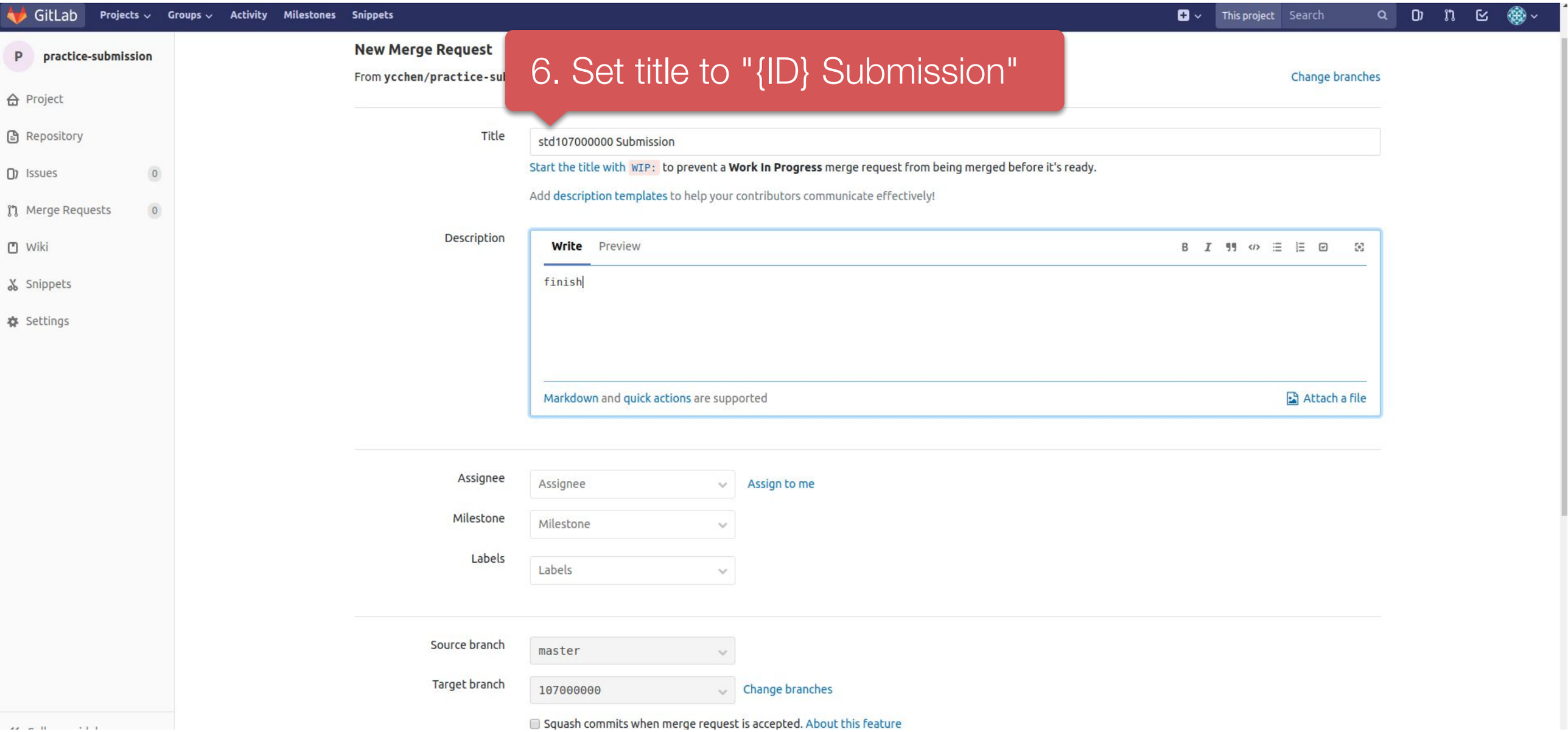
Pin-Yu Wang
practice-subm
New Merge Request
Source branch
pywang/practice-submission
master
first commit
Pin-Yu Wang authored 10 minutes ago
6846e605
Target branch
courses/databases/2020-spring/practic...
master
Initial commit
Yi-Chun Chen authored 7 hours ago
9af13851
Compare branches and continue
3. Choose the branch you pushed in your repo
4. Choose the branch named after your ID
5. Compare branches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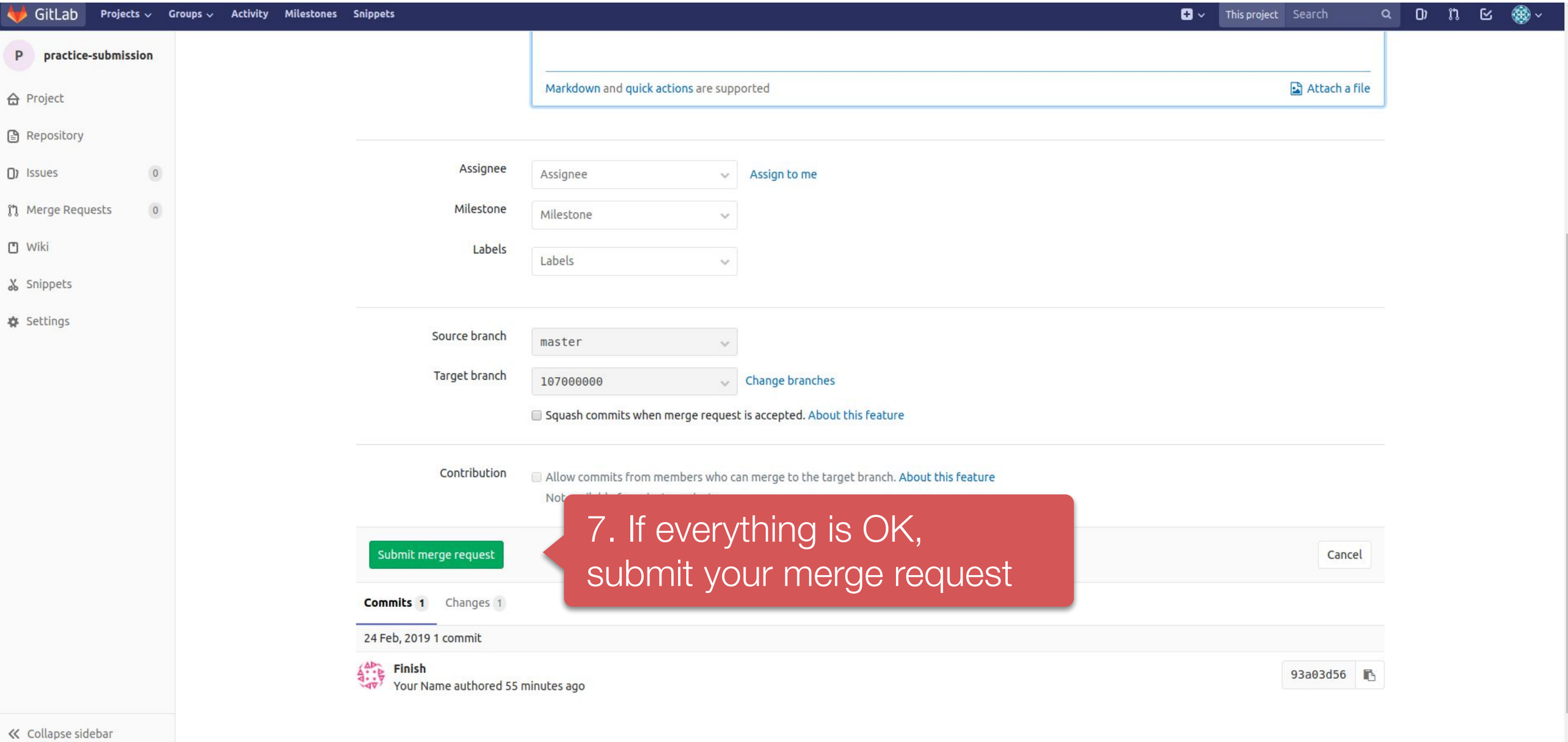
New Merge Request
From ycchen/practice-sul
6. Set title to "{ID} Submission"
Change branches
Title
std107000000 Submission
Start the title with WIP: to prevent a Work In Progress merge request from being merged before it's ready.
Add description templates to help your contributors communicate effectively!
Description
Write
Preview
finish
Markdown and quick actions are supported
Attach a file
Assignee
Assignee
Assign to me
Milestone
Milestone
Labels
Labels
Source branch
master
Target branch
107000000
Change branches
Squash commits when merge request is accepted. About this feature



7. If everything is OK, submit your merge request

P practice-submission

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Project members

You can invite a new member to **practice-submission** or invite another group.

Invite member | Invite group

GitLab member or Email address

Yu-Xuan Lin ×

Choose a role permission

Maintainer

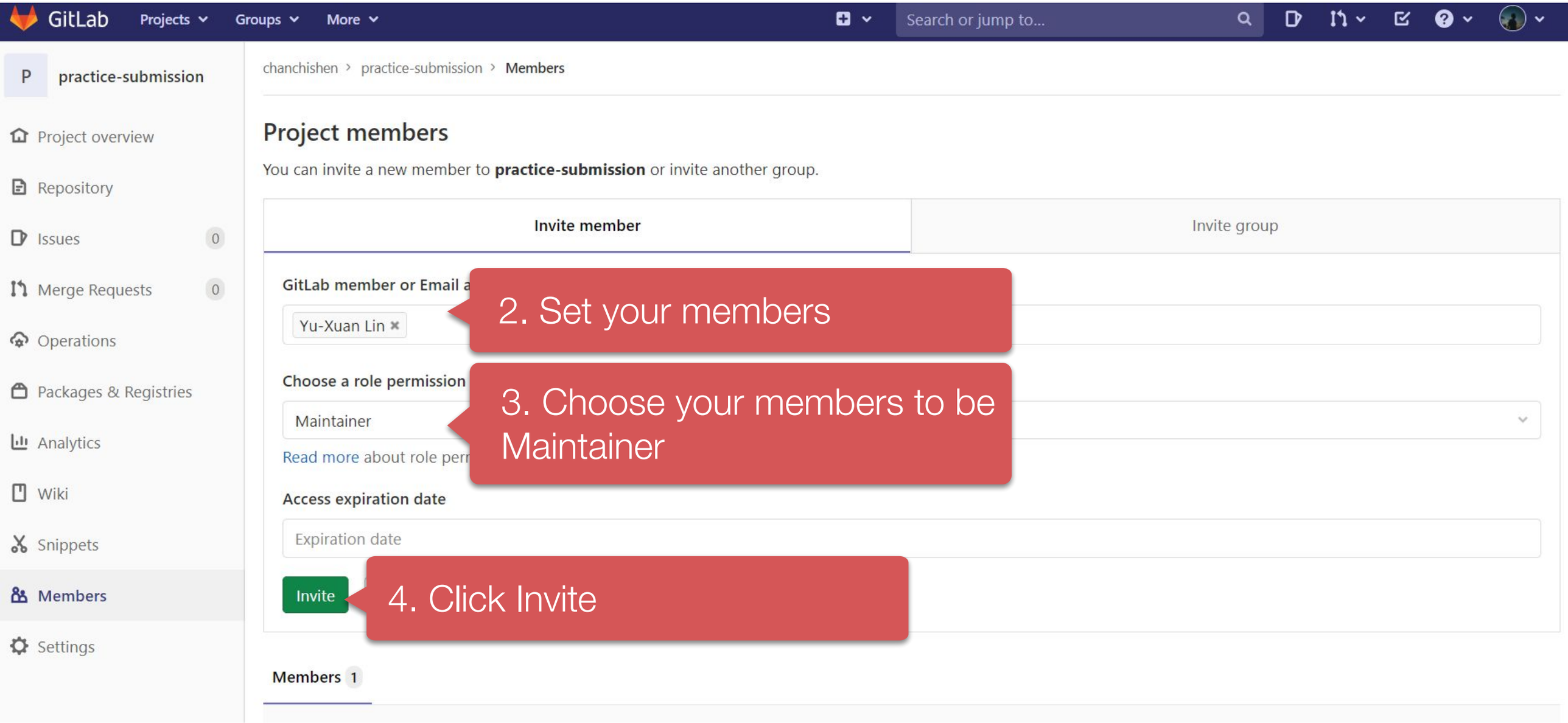
Read more about role permissions

Access expiration date

Expiration date

1. Click Members

Members 1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Project members
You can invite a new member to practice-submission or invite another group.
Invite member
Invite group
GitLab member or Email a
Yu-Xuan Lin
2. Set your members
Choose a role permission
Maintainer
3. Choose your members to be Maintainer
Read more about role perr
Access expiration date
Expiration date
Invite
4. Click Invite
Members 1

Reference

- Learn Git branching (interactive)
  - http://pcottle.github.io/learnGitBranching/
- Pro Git
  - http://git-scm.com/book/
- 寫給大家的 Git 教學
  - http://www.slideshare.net/littlebtc/git-5528339