

D277 Web Development Foundations

How to Set Up Your WGU GitLab Environment

Follow the instructions in the *How to Set Up Your WGU GitLab Environment* section below in the order they appear. Don't forget to follow the instructions in the *What Do I Do Now?* section at the end of this document as well!

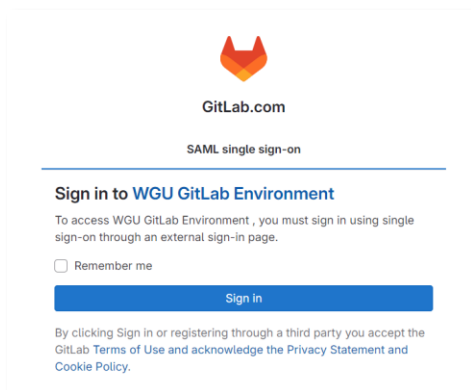
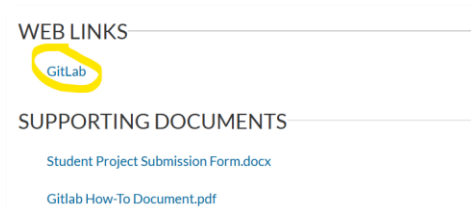
After you complete the instructions in both sections of this document, **and before you begin working on Task 2**, you should:

- Read *Unit 13 The Web Development Process* in the Zybook.
- Read the [Clarification of Task 2, Step A Instructions](#) document. The information in this document may help you better understand the requirements of the task.

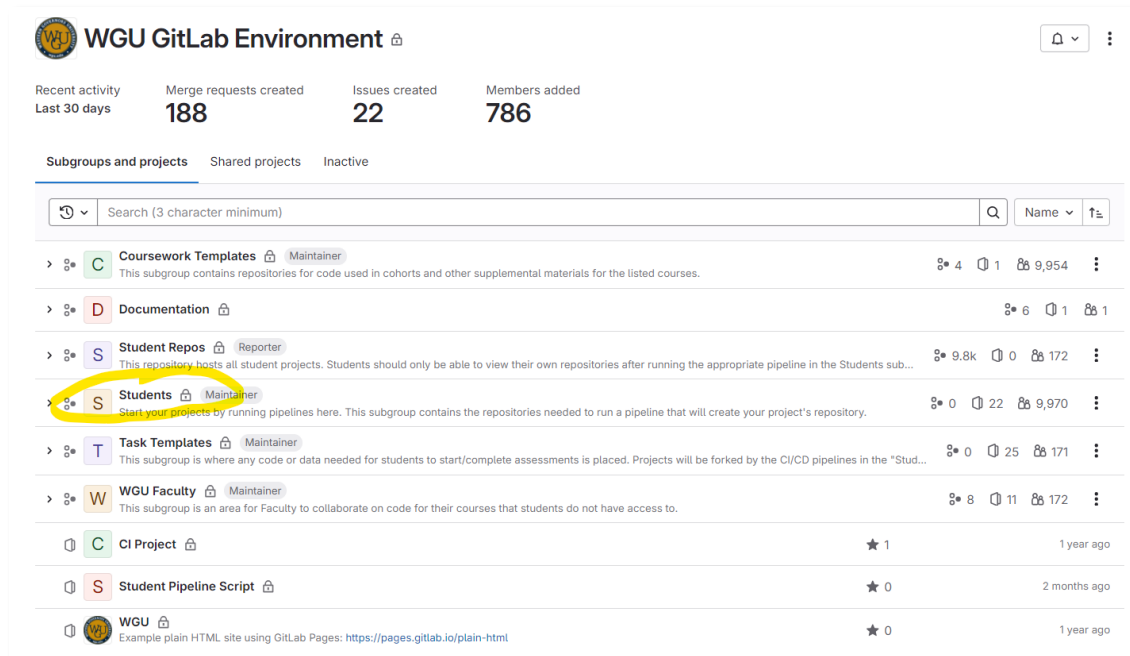
Note: Some steps below may look slightly different than what you see on your screen. You should contact your assigned course instructor immediately for guidance if you can't easily resolve the situation.

How to Set Up Your WGU GitLab Environment

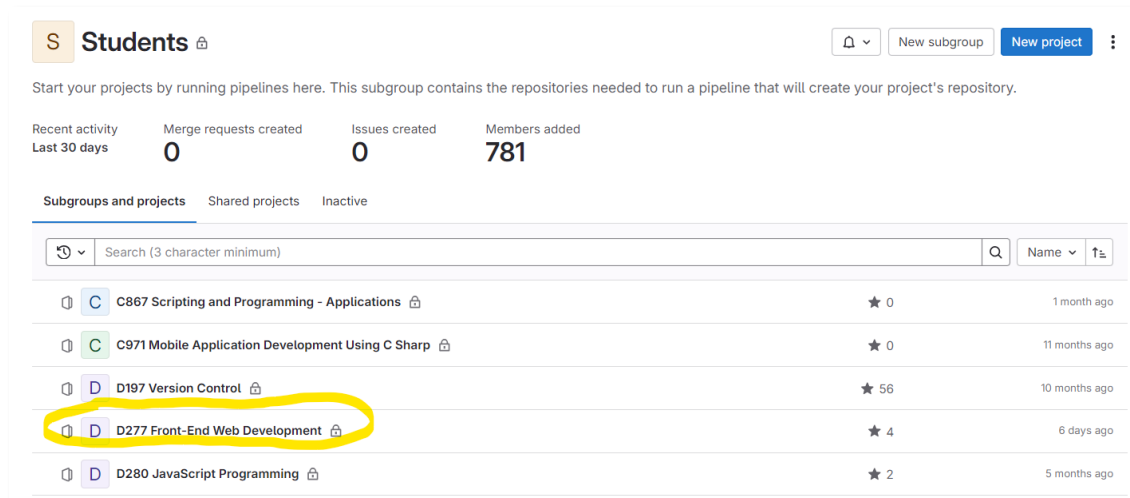
1. Log in to your WGU student account using your username and password. Proceed to the next step.
2. Access the WGU GitLab Environment. The link may be found under the *Web Links* section of the Task 2 Overview (see top image below). Next, if prompted, click the blue *Sign In* button (see bottom image below).



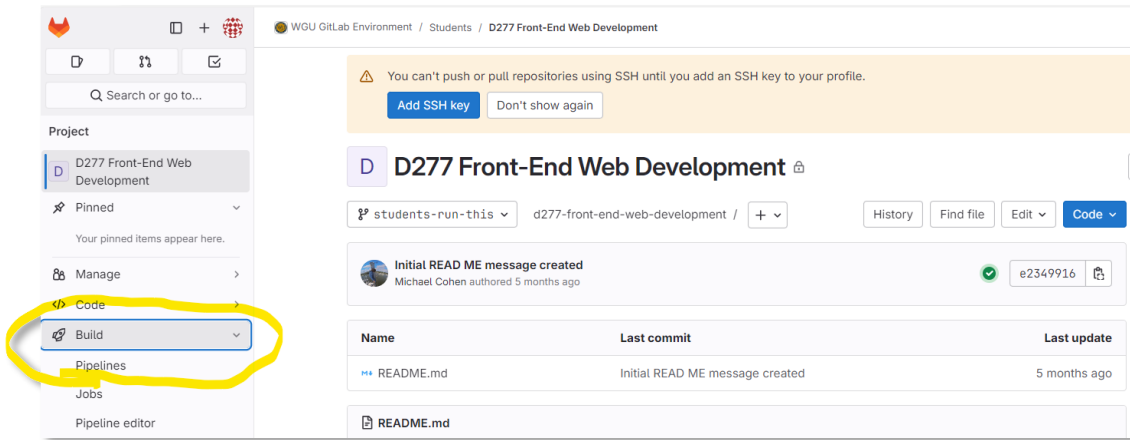
3. On the WGU GitLab Environment page, select the *Students* subgroup (see image below). You will set up your project in this area. Proceed to the next step.



4. On the *Students* page, select “D277 Front-End Web Development” from the list of courses (see image below). Proceed to the next step.



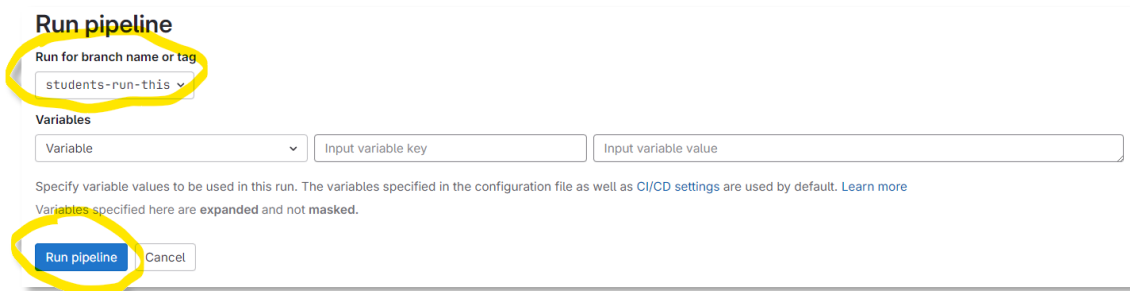
5. On the *D277 Front-End Web Development* page, expand the *Build* menu item and select *Pipelines* (see image below). Proceed to the next step.



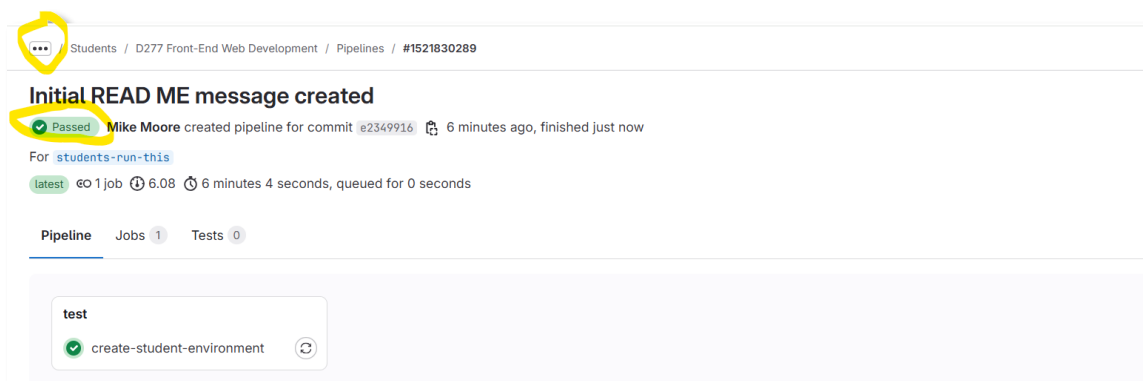
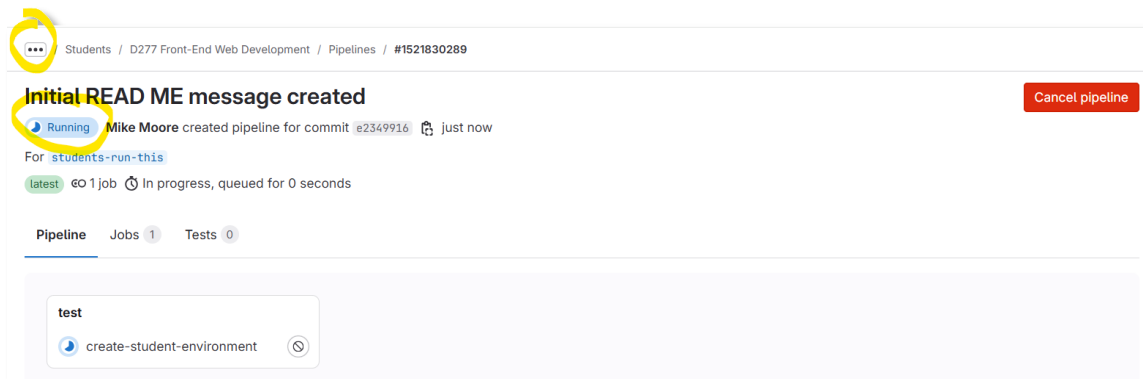
- On the *Pipelines* page, click the blue *New pipeline* button in the upper-right corner (see image below). Proceed to the next step.



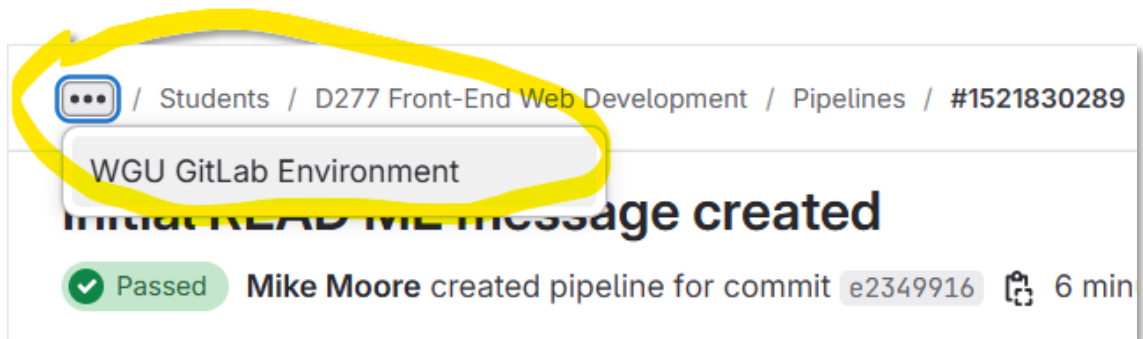
- On the *Run pipeline* page, ensure that “students-run-this” is selected from the *Run for branch name or tag* dropdown. You don't need to choose any variables. Next, click the blue *Run pipeline* button (see image below). Proceed to the next step.



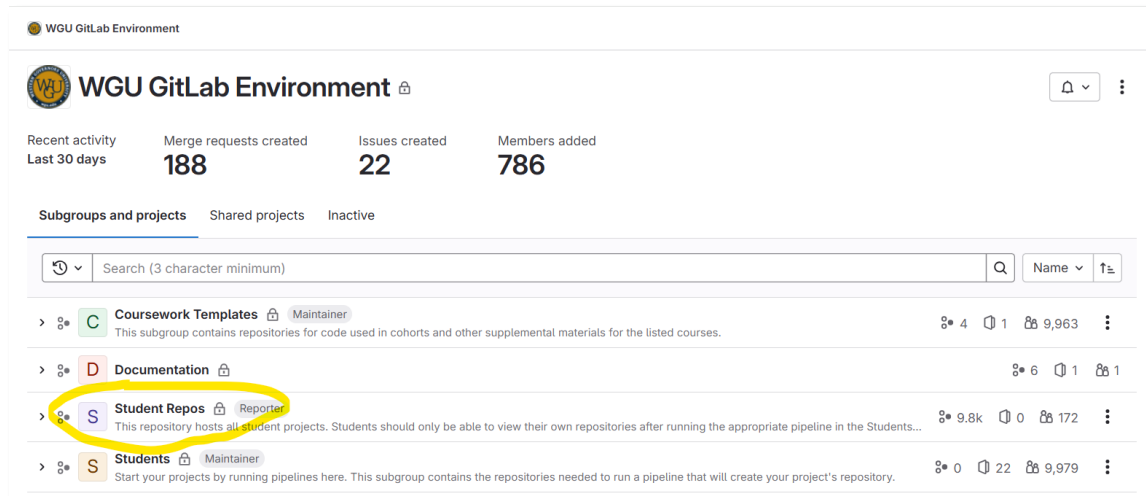
- In a second or two, the page in the top image below will appear. Notice the blue status indicator will read “Running”. **You should wait five to six minutes for the indicator to turn green (see bottom image below).** When it turns green, proceed to the next step.



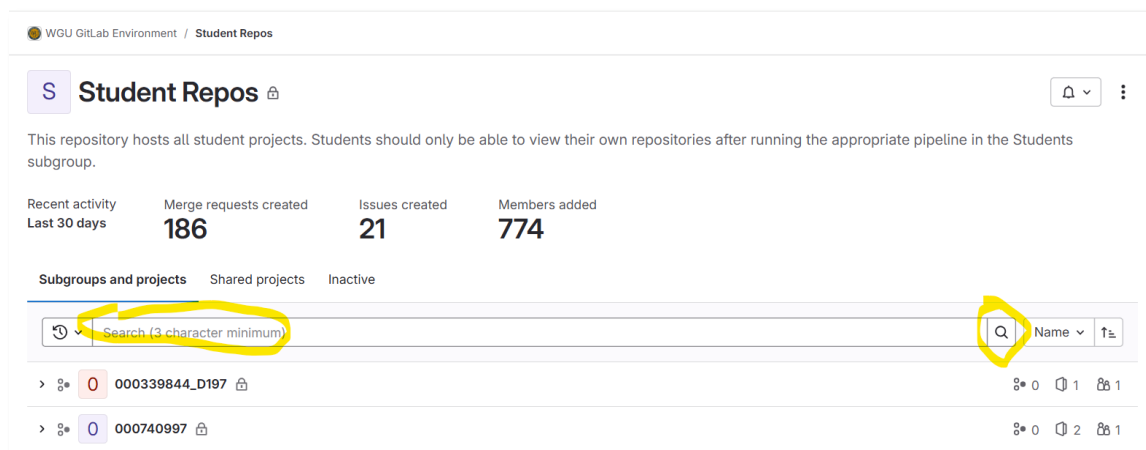
- Next, use the breadcrumb trail at the top of the page to return to the WGU GitLab Environment main page (see image below). You will have to click the three dots in order to reveal the link. Proceed to the next step.



- On the WGU GitLab Environment main page, select the *Student Repos* subgroup (see image below). Proceed to the next step.



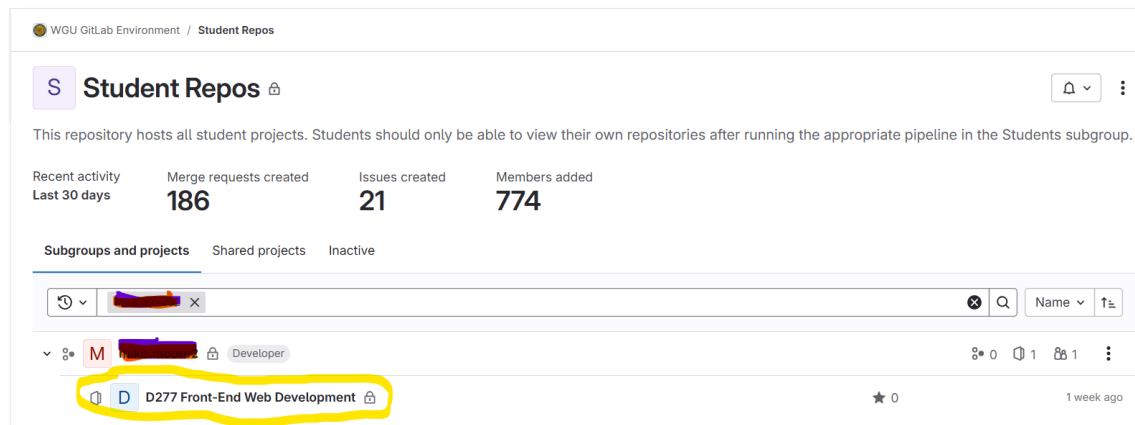
11. On the *Student Repos* page, enter the name of your repository, which will be either your WGU username or WGU student ID number, into the search box. Next, click on the magnifying glass icon (see image below). Proceed to the next step.



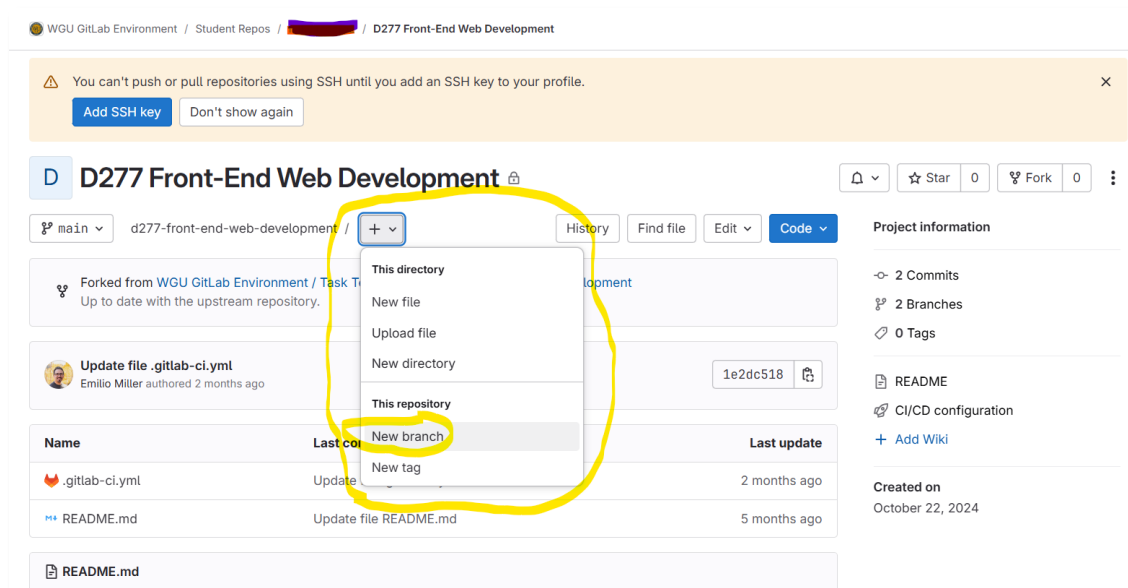
12. Select your repository from the search result (see image below). Proceed to the next step.



13. In a few seconds, your *projects* page will appear. On this page, click on the “D277 Front-End Web Development” project. Proceed to the next step.



14. In a few seconds, you should see your project's *main* branch page. **Before going any further, you will need to create a new branch. Since the *main* branch is protected, you can neither commit nor push to it. Instead, you will use the new branch.** To create the new branch, click on the + sign. Next, select “New branch” (see image below). Proceed to the next step.



15. In a few seconds, you will see the *New branch* page. Type the word “working” in the *Branch name* textbox. Next, click the blue *Create branch* button (see image below). Proceed to the next step.

Student Repos / [redacted] / D277 Front-End Web Development / Branches / New branch

New branch

Branch name
working

Create from
main

Existing branch name, tag, or commit SHA

Create branch Cancel

16. Confirm your new *working* branch was created. On your project's main page, select the dropdown at the top left (see image below). If you see the new *working* branch on the list, you have successfully set up your remote repository in the WGU GitLab Environment. Congratulations! Proceed to the *What Do I Do Now?* section below.

WGU GitLab Environment / Student Repos / [redacted] / D277 Front-End Web Development

You can't push or pull repositories using SSH until you add an SSH key to your profile.
Add SSH key Don't show again

D277 Front-End Web Development

main d277-front-end-web-development / +

Select Git revision
Search by Git revision

Branches 2
main - default protected
working

1e2dc518

Name	Last commit	Last update
.gitlab-ci.yml	Update file .gitlab-ci.yml	2 months ago
README.md	Update file README.md	5 months ago

Project information
2 Commits
2 Branches
0 Tags
README
CI/CD configuration
Add Wiki
Created on October 22, 2024

IMPORTANT: You may see an error message on your *working* branch page in the WGU GitLab Environment and/or receive an e-mail stating the pipeline failed. Don't worry about it. If you successfully executed steps 14-16 above, you should ignore these error messages and proceed to the *What Do I Do Now?* section below.

What Do I Do Now?

You are now ready to clone your remote repository to a local repository on your computer. This action will allow you to build your website on your computer using an Integrated Development Environment (IDE) and push the files to the remote repository you just created. We recommend you use Visual Studio Code for your IDE. Follow the

link below to view step-by-step instructions for how to use Visual Studio Code with Gitlab.

[How to Use VSCode with GitLab](#)