

D277 Web Development Foundations

How to Set Up Your WGU GitLab Environment

Note: Before setting up your repository in the WGU GitLab Environment, read the *Clarification of Task 2, Step A Instructions* section below.

Clarification of Task 2, Step A Instructions

1. The first bullet point of Task 2, Step A instructions (*"Clone the project to a local repository."*) should be performed **before you start building** your website. So, this should be the first thing you should do. Here's how to do it:
 - A. First, follow the step-by-step directions under *How to Set Up Your WGU GitLab Environment* in this document. This will create your repository in GitLab. You must have a repository before you can clone it.
 - B. Second, clone your repository in GitLab to your computer. This will allow you to use an IDE to push files from your computer to your repository. Links to step-by-step instructions for cloning your repository may be found in the *D277 Support Documents* section at the bottom of this page.
2. The actions in the second bullet point (*"Commit with a message and push when you complete each requirement listed in parts B, C, D, and E."*) are performed **as you build your website** in your integrated development environment (IDE). However, before performing these actions, you must connect your IDE to your repository (see Step 1B above). You should do this immediately after creating your repository.
3. The final two bullet points (*"Submit a copy of the GitLab repository URL in the attached 'Student Project Submission Form.'" and "Submit a copy of the GitLab pages URL in the attached 'Student Project Submission Form.'" are performed **AFTER you complete Task 2** and are ready to submit the task for evaluation.*

You are now ready to set up your repository! Proceed to the *How to Set Up Your WGU GitLab Environment* section below.

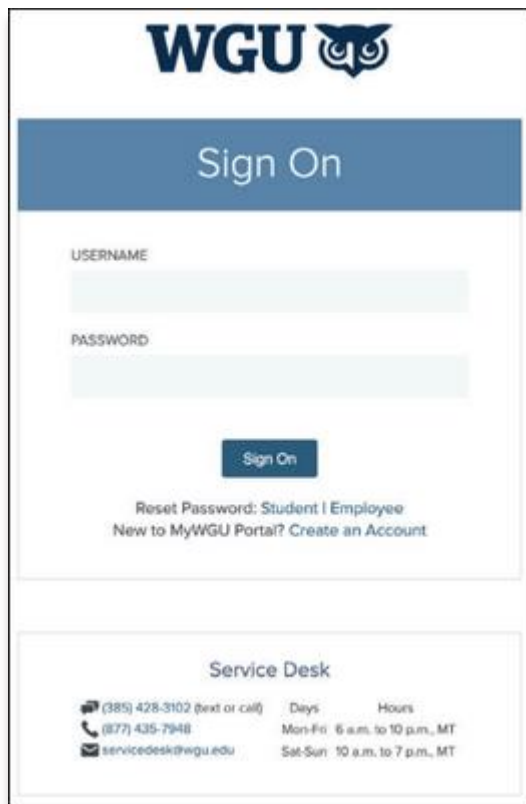
How to Set Up Your WGU GitLab Environment

Follow the directions below in the order they appear to set up your repository in the WGU GitLab Environment.

Note: Some of the steps below may look slightly different than what you see on your screen. You should contact your assigned course instructor immediately for guidance if

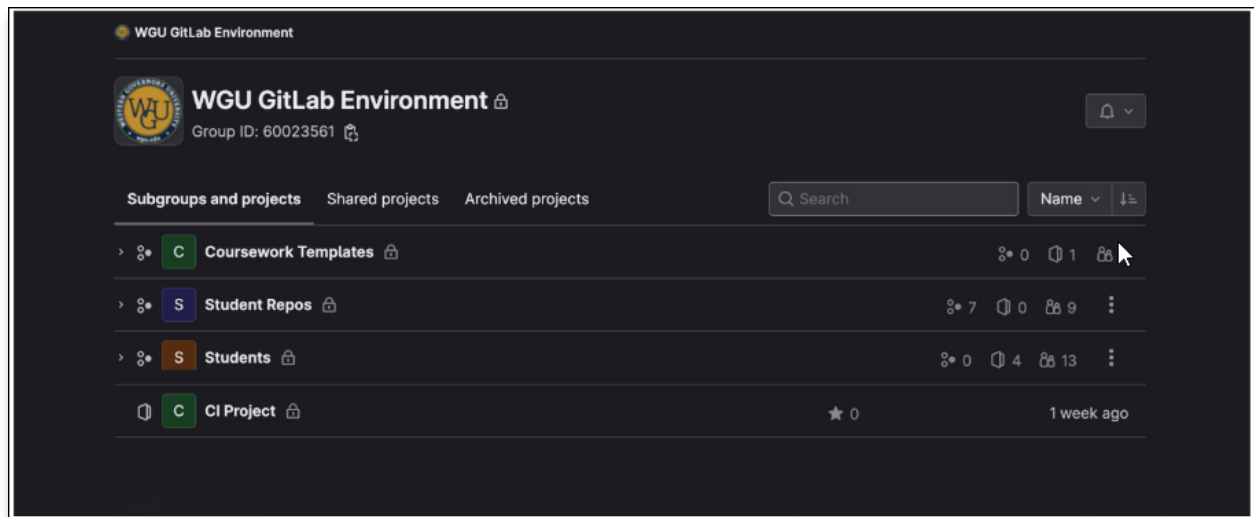
you can't easily find a workaround.

1. First, you must access the WGU GitLab Environment area. To do it, go to <https://gitlab.com/groups/wgu-gitlab-environment/-/saml/sso?token=Hzwm1Anx> . Use your WGU single sign-on (SSO) credentials in the username and password fields. Next, click the *Sign On* button (see image below).

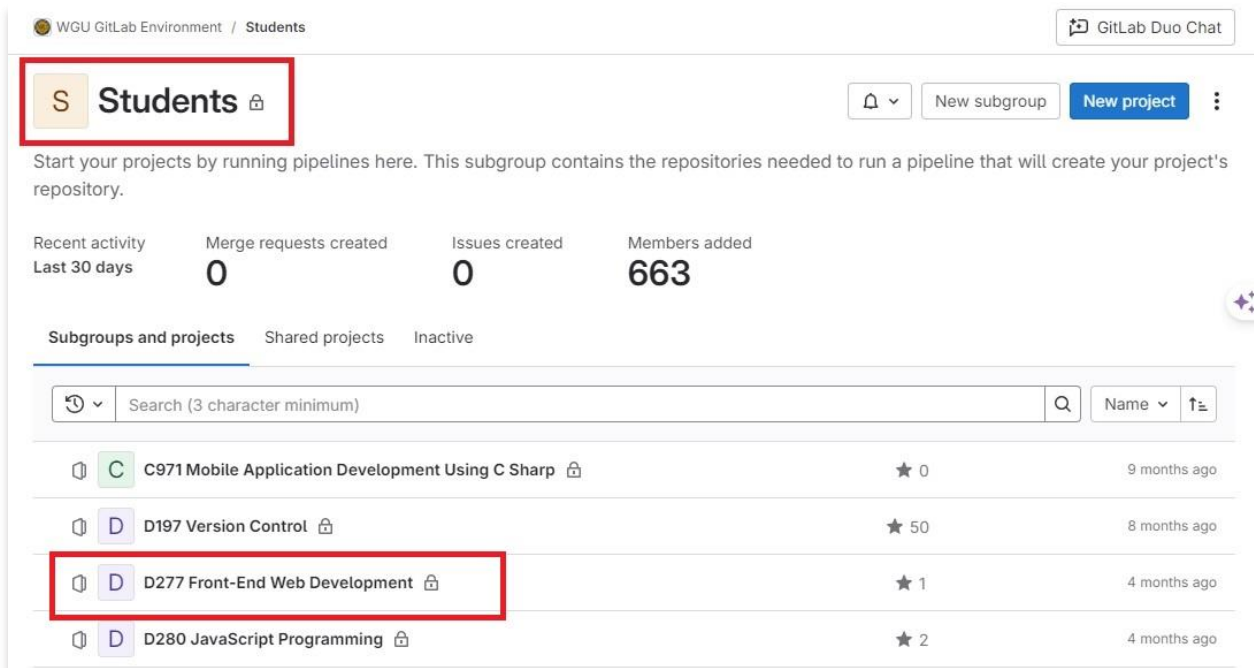
The image shows a web page for WGU (Western Governors University) with a "Sign On" header. Below the header, there are two input fields labeled "USERNAME" and "PASSWORD". A blue "Sign On" button is positioned below the password field. Underneath the button, there are two links: "Reset Password: Student | Employee" and "New to MyWGU Portal? Create an Account". At the bottom of the page, there is a "Service Desk" section with contact information: a phone number (385) 428-3102 (text or call), a fax number (877) 435-7948, an email address servicedesk@wgu.edu, and a table of service hours. The table indicates that service is available Monday through Friday from 6 a.m. to 10 p.m. MT, and Saturday through Sunday from 10 a.m. to 7 p.m. MT.

Service Desk		
(385) 428-3102 (text or call)	Days	Hours
(877) 435-7948	Mon-Fri	6 a.m. to 10 p.m., MT
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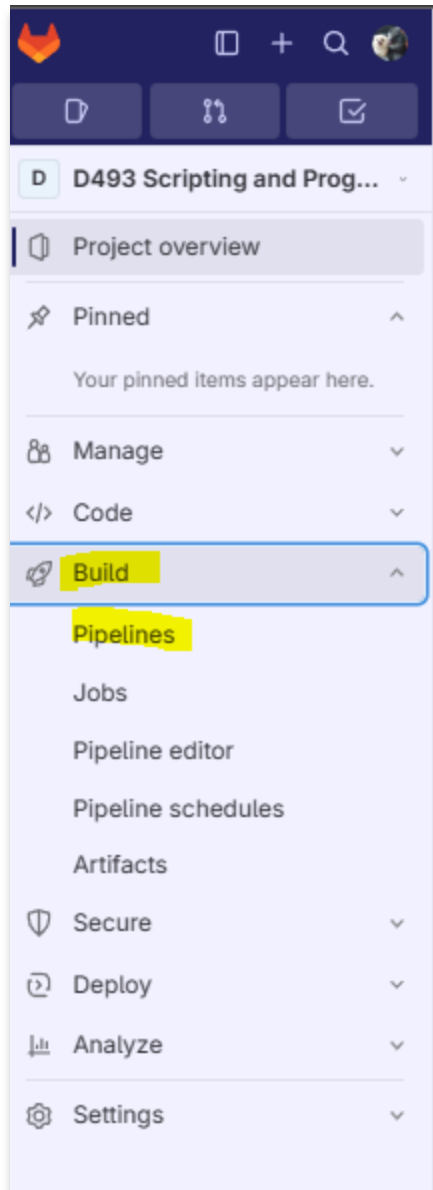
2. On the WGU GitLab Environment main page (<https://gitlab.com/wgu-gitlab-environment>), select the *Students* subgroup. This is where you will set up your project.



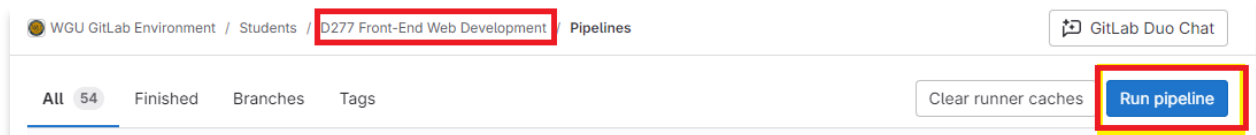
- On the *Students* main page, select “D277 Front-End Web Development” from the list of courses (see image below).



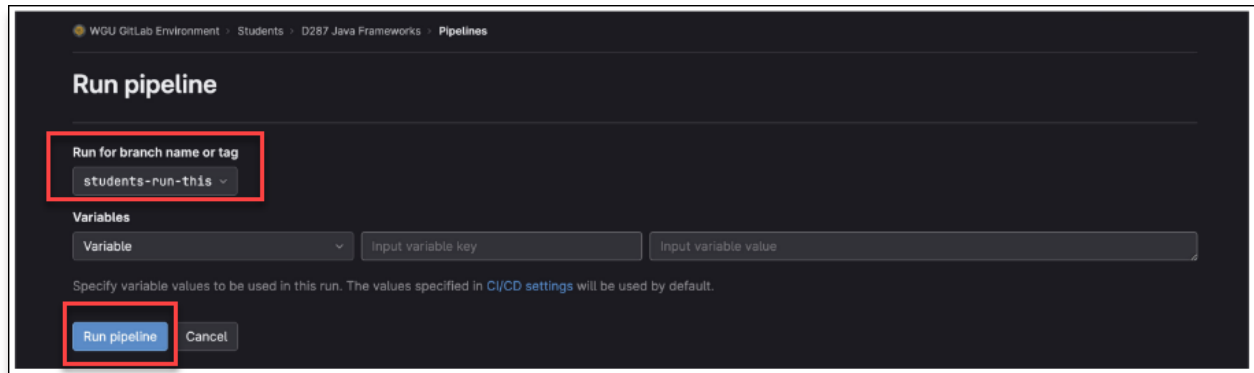
- On the left side of the *D277 Front-End Web Development* page, expand the *Build* menu item and select *Pipelines*.



5. On the *Pipelines* page, click the *Run pipeline* button in the upper-right corner (see image below).



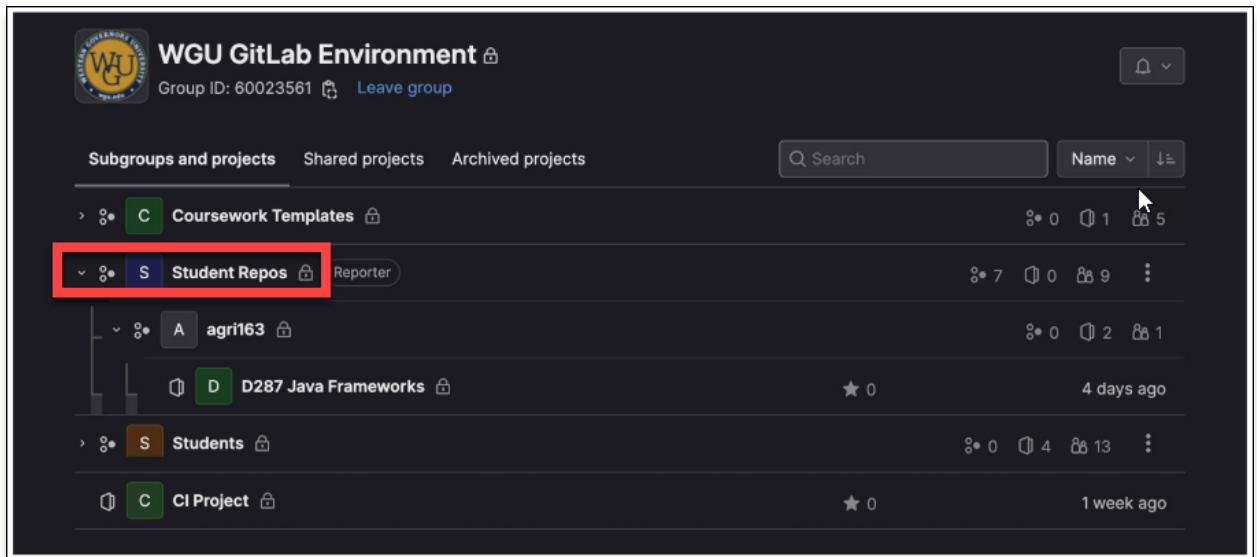
- On the *Run pipeline* page, ensure that *students-run-this* is selected from the *Run for branch name or tag* dropdown. You don't need to choose any variables. Next, click the *Run pipeline* button (see image below).



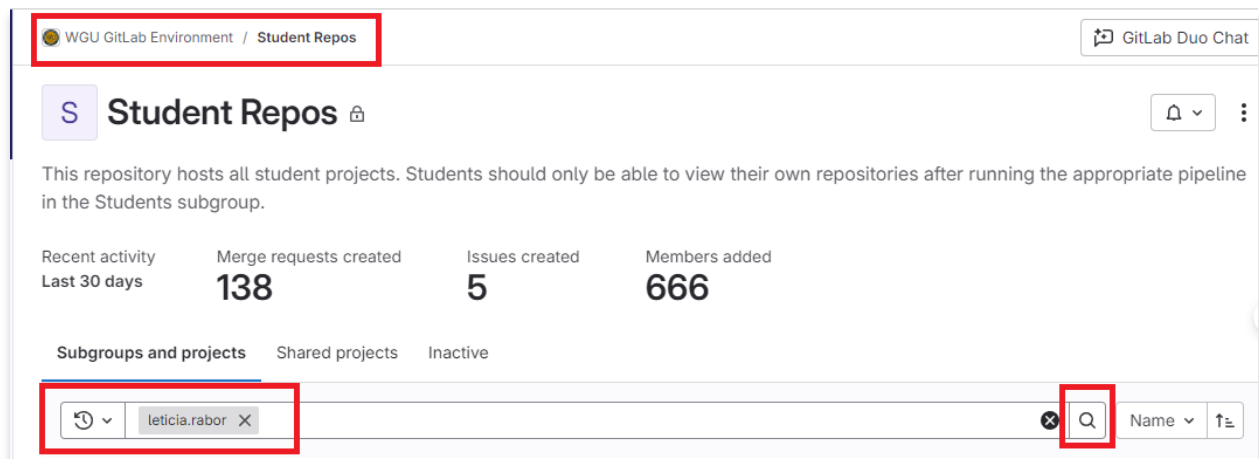
- After the pipeline runs, you should see your newly created subgroup and repository under the *Student Repos* subgroup. Next, use the breadcrumb trail at the top of the page to return to the WGU GitLab Environment main page (see image below).



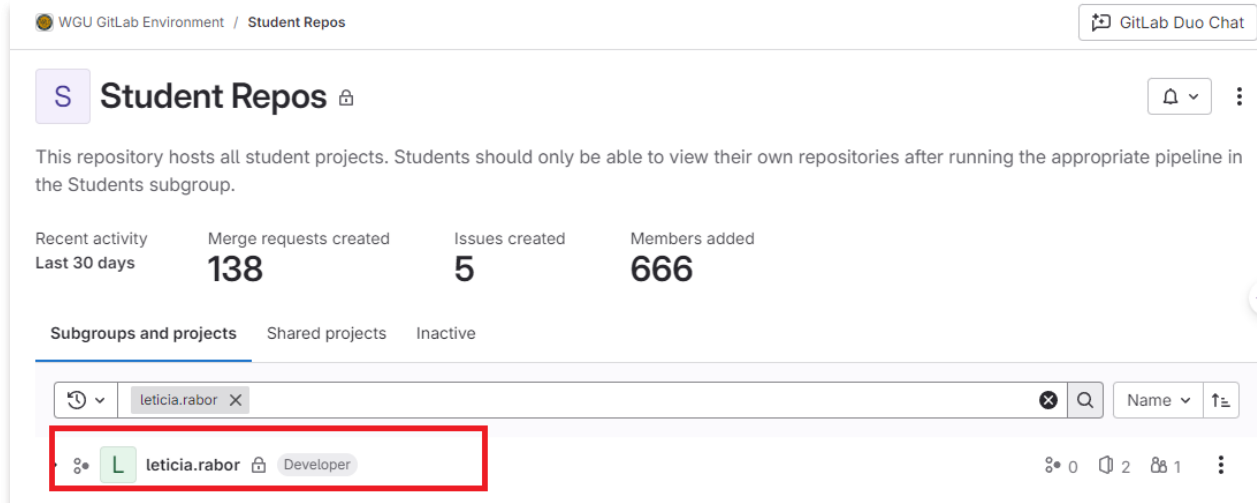
- On the WGU GitLab Environment main page, select the *Student Repos* subgroup (see image below).



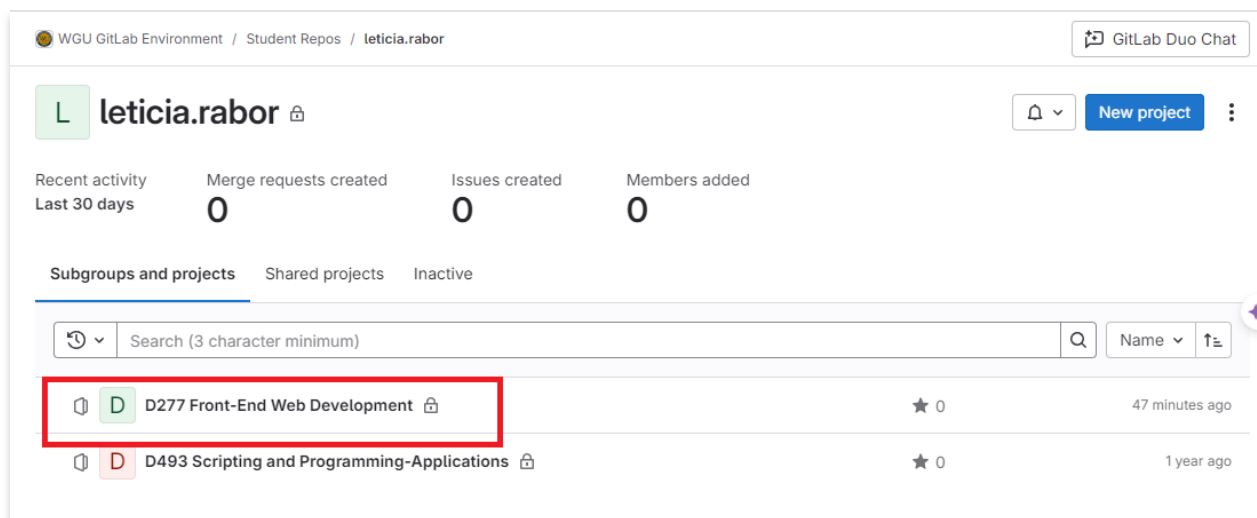
- On the *Student Repos* page, enter the name of your repository (either your WGU username or WGU student ID number) into the search box. Next, click on the magnifying glass icon (see image below).



- Select your repository from the search result (see image below). Next, wait a few seconds for your *projects* page to appear.

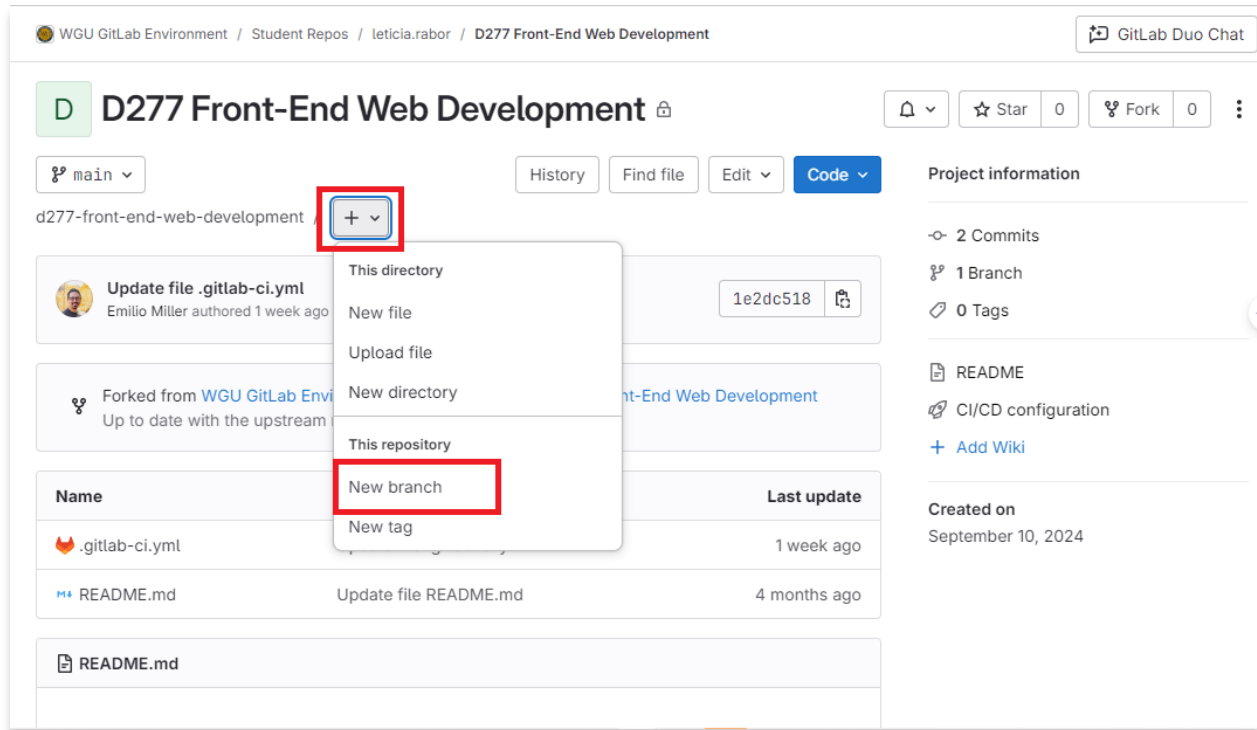


11. On your *projects* page, click on the “D277 Front-End Web Development” project.

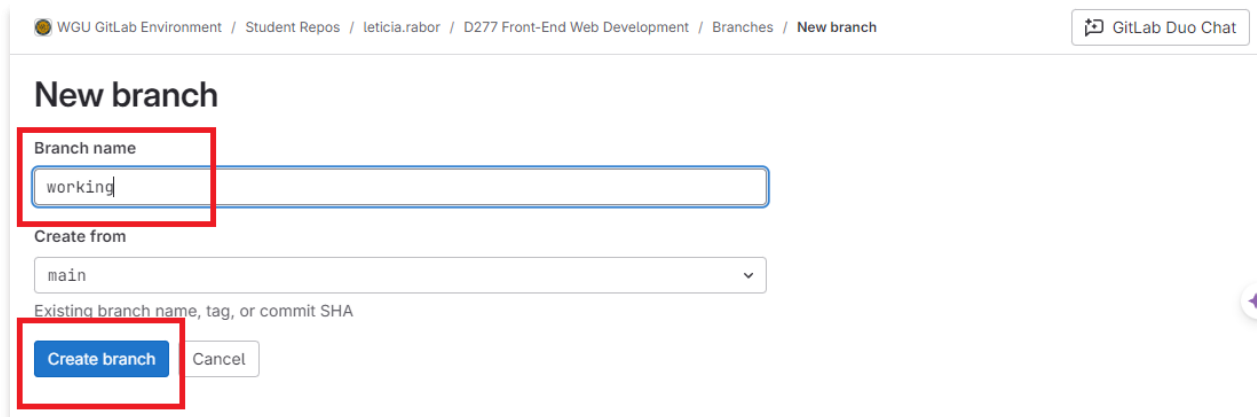


12. Now, you should see all the contents of your project's main branch. **Before going any further, you will need to create a new branch.** To create the new branch, click on the + sign. Next, select “New branch” (see image below).

Note: Since the main branch is protected, you can neither commit nor push to it. Instead, you will use the new branch.



13. Type the word “working” in the *Branch name* textbox. Next, click the *Create branch* button (see image below).



Congratulations! You have successfully set up your repository in the WGU GitLab Environment. You are now ready to clone it to a local repository (In other words, connect it to your IDE). Follow a link in the *D277 Support Documents* section below to view directions on connecting a particular IDE to GitLab.

D277 Support Documents

[How to Use VSCode with GitLab](#)

[How to use IntelliJ with GitLab](#)