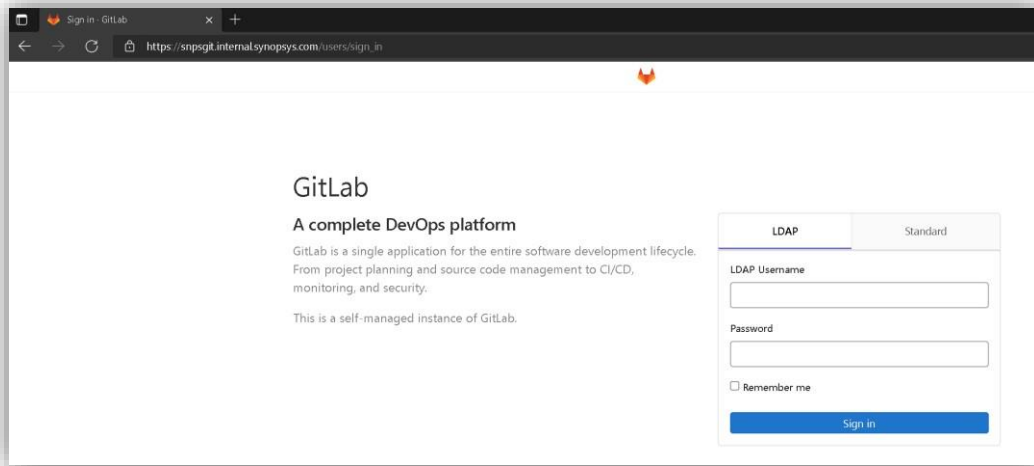


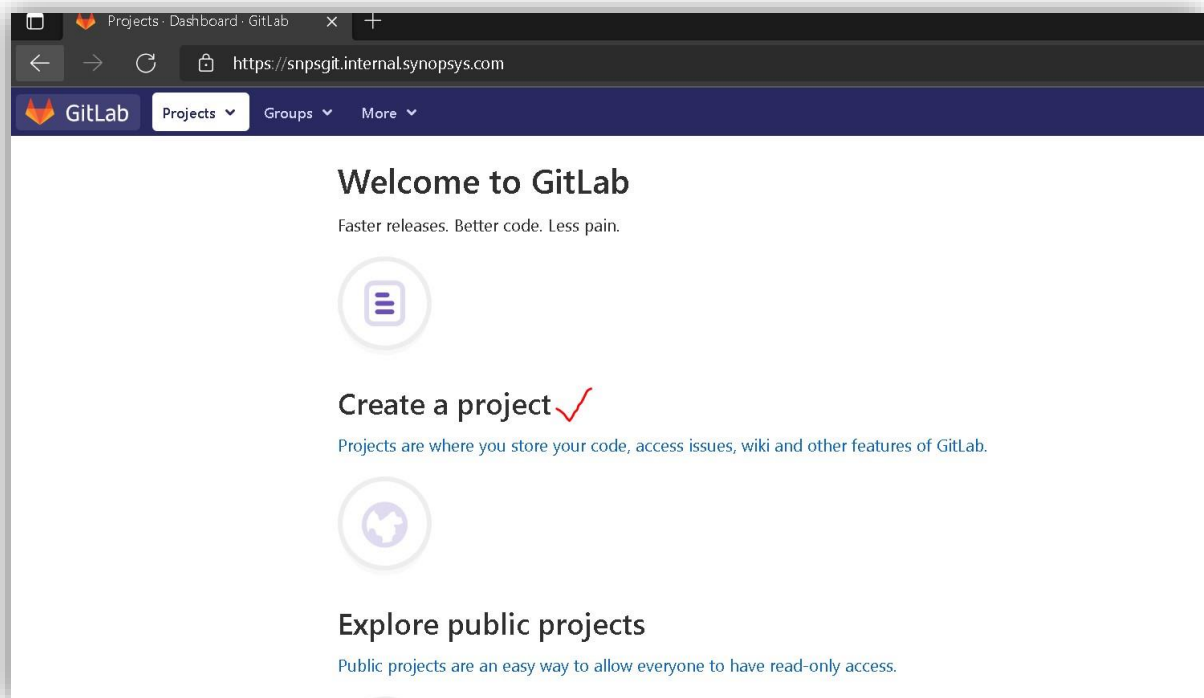
## Submission guidelines

Steps to be followed to submit your code.

- 1) Visit the URL to land on the Gitlab page – [Sign in · GitLab \(synopsys.com\)](https://snpsgit.internalsynopsys.com/users/sign_in)



- 2) Login using your LDAP credentials. 3) Click on create project :



- 4) Click on Blank project to land on the below page, enter a project name and description. Make sure you have selected Visibility as private and click on Create project. **(Prefer using a single project for uploading solutions for all the three problems)**

New project → Create blank project

**Create blank project**  
Create a blank project to house your files, plan your work, and collaborate on code, among other things.

Project name: test\_project

Project URL: https://snpsgit.internal.synopsys.com/nikhiln/

Project slug: test\_project

Project description (optional): Creating a test project.

Visibility Level ⓘ

- ☒ Private  
Project access must be granted explicitly to each user. If this project is part of a group, access will be granted to members of the group.
- ☐ Internal  
The project can be accessed by any logged in user except external users.
- ☐ Public  
The project can be accessed without any authentication.

☐ Initialize repository with a README  
Allows you to immediately clone this project's repository. Skip this if you plan to push up an existing repository.

Create project Cancel

- 5) Once you create our project, you will be prompted to add SSH key to add files to the repository.



- 6) Find your SSH key in public key file in your home directory, in the following way. (Your SSH public key can have a different name)

```
nikhiln@iims15:~ % ls -lart ~/.ssh/
total 72
-rw----- 1 nikhiln synopsys 396 May  2  2019 authorized_keys
-rw-r--r-- 1 nikhiln synopsys  52 Dec  1  2020 config
-rw----- 1 nikhiln synopsys 18455 Dec  1  2020 known_hosts.old
-rw-r--r-- 1 nikhiln synopsys 13321 Jul  7 04:18 known_hosts
-rw----- 1 nikhiln synopsys 1679 Jul  7 22:38 id_rsa
-rw-r--r-- 1 nikhiln synopsys  405 Jul  7 22:38 id_rsa.pub
drwxr-xr-x 108 nikhiln synopsys 20480 Jul 12 08:29 ..
drwX----- 2 nikhiln synopsys  4096 Jul 12 08:29 .
```

- 7) If you don't have a public key in your home directory, you can create one using the command **"ssh-keygen -t rsa"** – This will generate a similar id\_rsa.pub key in your home directory.

- 8) Click on the “Add SSH Key” button shown in the above screenshot, copy the entire content of id\_rsa.pub(public key) to the box shown below, provide any name as title for you key and then click on “Add Key”. (Add key button will get enabled after pasting the public key content in it.)

Search settings

### SSH Keys

SSH keys allow you to establish a secure connection between your computer and GitLab.

#### Add an SSH key

To add an SSH key you need to [generate one](#) or use an [existing key](#).

#### Key

Paste your public SSH key, which is usually contained in the file '~/.ssh/id\_ed25519.pub' or '~/.ssh/id\_rsa.pub' and begins with 'ssh-ed25519' or 'ssh-rsa'. Do not paste your private SSH key, as that can compromise your identity.

Typically starts with "ssh-ed25519 ..." or "ssh-rsa ..."

**Title**  
e.g. My MacBook key  
Give your individual key a title. This will be publicly visible.

**Expires at**  
mm/dd/yyyy  
Key can still be used after expiration.

Add key

- 9) Now navigate to your project(Click on projects drop down at the top -> your projects -> select your project) and you will be able to add/upload files in it. Using New file option.

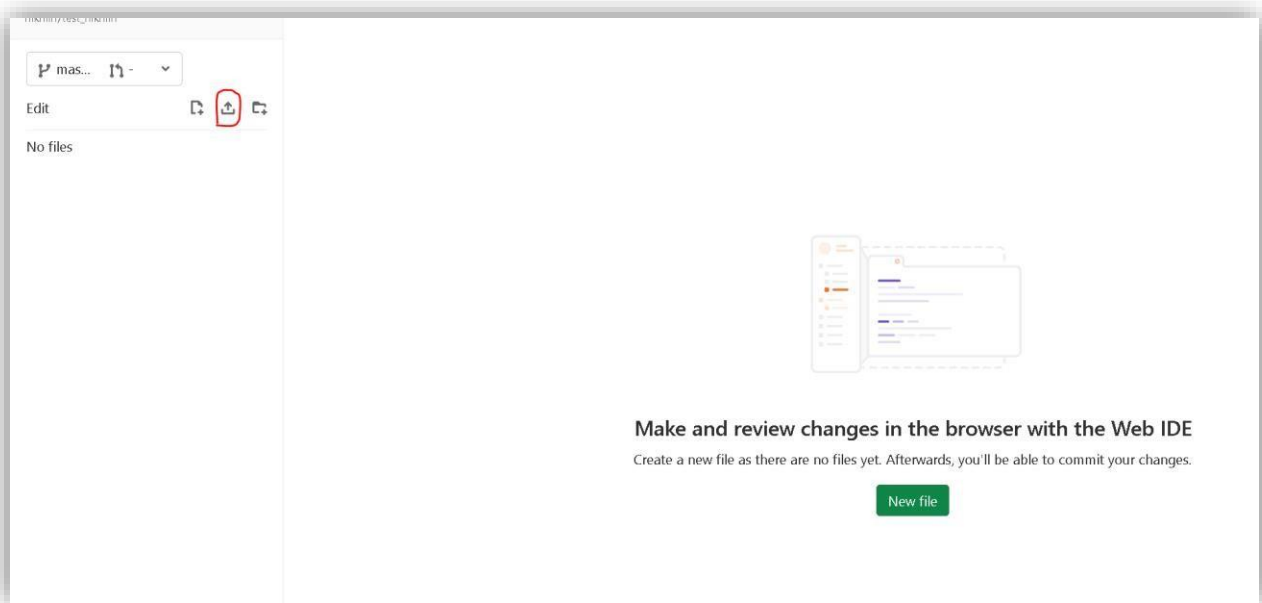
### The repository for this project is empty

You can get started by cloning the repository or start adding files to it with one of the following options.

[Clone](#) [New file](#) [Add README](#) [Add LICENSE](#) [Add CHANGELOG](#) [Add CONTRIBUTING](#) [Set up CI/CD](#)

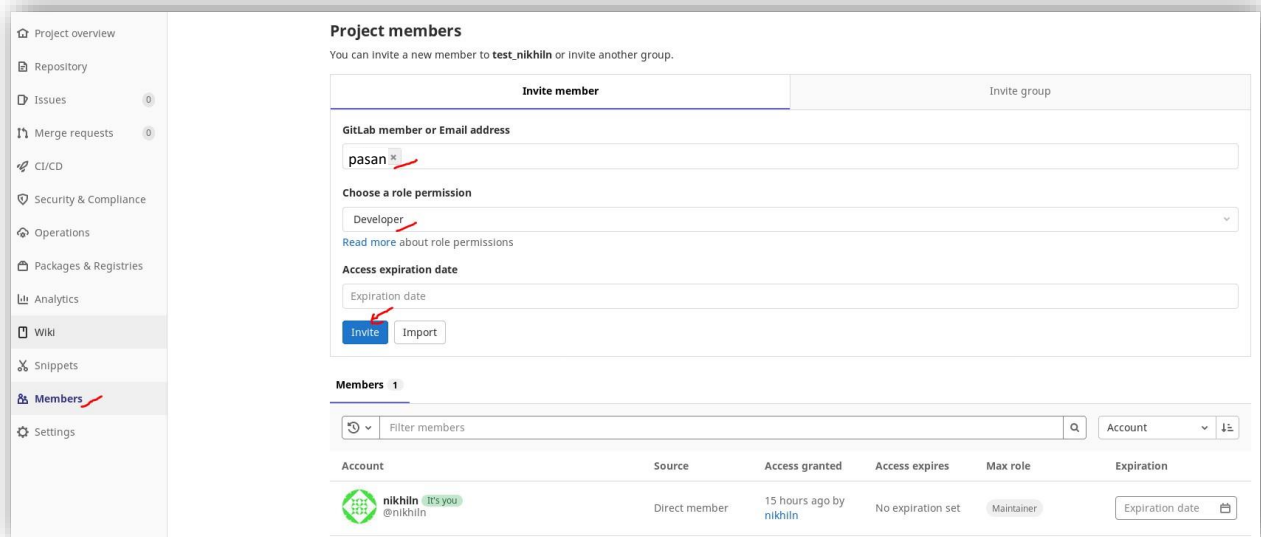
Command line instructions

10) You can use the below option to upload your files and commit them.



11) Once you have added all your files, you will need to provide access permission for AI Interest core team, to evaluate your solutions.

12) To give permissions, open your project, click on Members tab on the list of options available on the left as shown in the below figure, Provide the userid “pasan” in the GitLab member, Choose Developer permission and click on Invite as shown in the below picture. Provide Developer access to “mabeesha” user too.



13) Once granting permissions is completed, we will have access to the solutions you have uploaded. Now, please email the project link to [ai-sl-core@synopsys.com](mailto:ai-sl-core@synopsys.com)