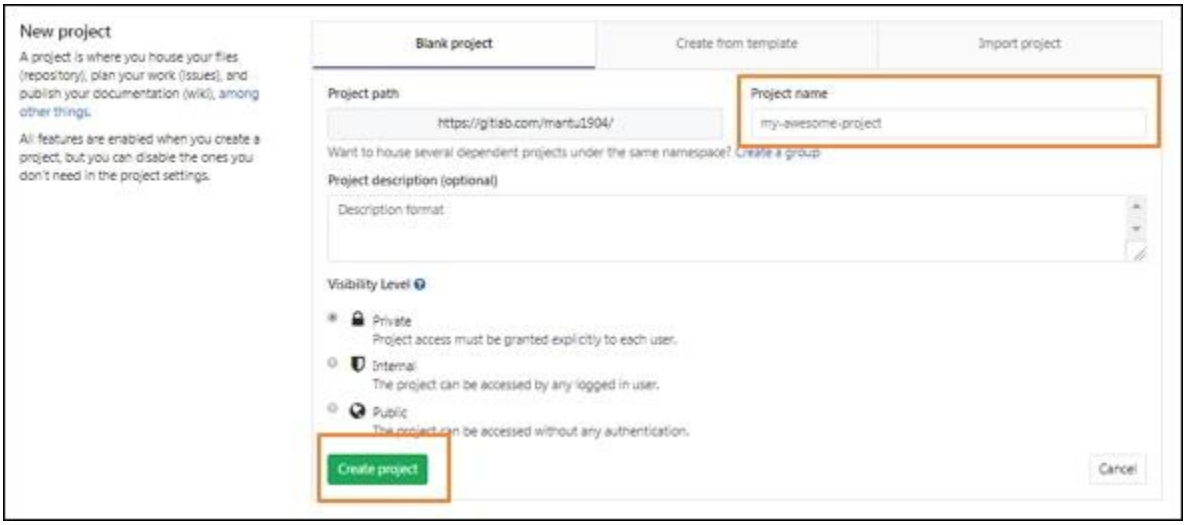
GitLab Lab 1

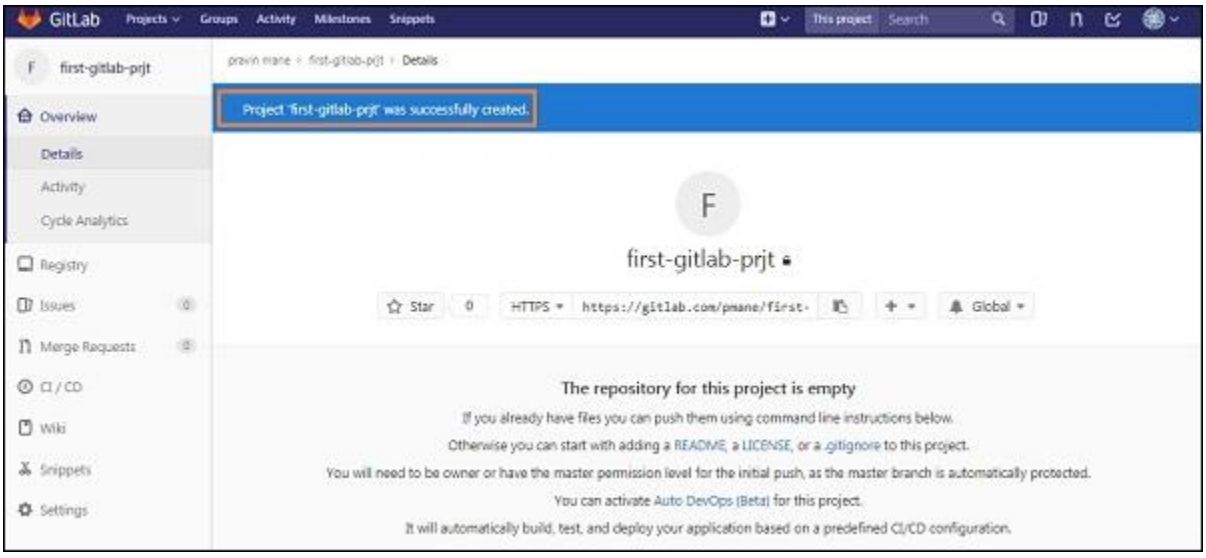
Step 1 − To create new project, login to your GitLab account and click on the *New project* button in the dashboard −

Step 2 − It will open the New project screen as shown below in the image −



Enter the project name, description for the project, visibility level (accessing the project's visibility in publicly or internally) and click on the *Create project* button.

Step 3 − Next it will create a new project (here given the project name as first-gitlab-prjt) with successful message as shown below −



Push the Repository to Project

Step 4 − You can clone the repository to your local system (go to your command line in the initial container). by using the *git-clone* command − (replace https://gitlab.com/pmane with your instance)

```
cd ~
mkdir MyFirstGitLabRepo
cd MyFirstGitLabRepo
git clone http://gitlabcourseX.eastus.azurecontainer.io/root/first-gitlab-prjt.git
```

```
root@SandboxHost-637840598252748881:~# mkdir MyFirstGitLabRepo
root@SandboxHost-637840598252748881:~# cd MyFirstGitLabRepo/
root@SandboxHost-637840598252748881:~/MyFirstGitLabRepo# git clone http://gitlabcourse12.eastus.azurecontainer.io
/root/first-gitlab-prjt.git
Cloning into 'first-gitlab-prjt'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), done.
root@SandboxHost-637840598252748881:~/MyFirstGitLabRepo# ls
first-gitlab-prjt
root@SandboxHost-637840598252748881:~/MyFirstGitLabRepo# cd first-gitlab-prjt/
```

The clone command makes a copy of repository into a new directory called *first-gitlab-prjt*.

Step 5 − Now go to your newly created directory and type the below command −

```
C:\>cd first-gitlab-prjt
C:\first-gitlab-prjt>touch Ernesto.md
```

The above command creates a *Ernesto.md* file in which you can put the information about your folder.

Step 6 − Add the *Ernesto.md* file to your created directory by using the below command −

```
C:\first-gitlab-prjt>git add Ernesto.md
```

Step 7 − Now store the changes to the repository along with the log message as shown below −

```
C:\first-gitlab-prjt>git commit -m "add Ernesto"
```

The flag *-m* is used for adding a message on the commit.

Step 8 − Push the commits to remote repository which are made on the local branch (the “master” branch on gitlab is called “main” −

```
cd existing_repo (Make sure you are in the right directory)
git remote add origin
http://gitlabcourseX.eastus.azurecontainer.io/root/first-gitlab-prjt.git
git branch -M main
```

```
git push -uf origin main
```

The below image depicts the usage of above commands in pushing the commits to remote repository −


```
cd existing_repo
git remote add origin
http://gitlabcourse12.eastus.azurecontainer.io/root/first-gitlab-prjt.git
git branch -M main
git push -uf origin main
```