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GitLab Demo Pipeline

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1. Creating a GitLab Project

Open a browser then go to [GitLab](#) and sign in to your account. If you don't have an account, create one.

If you have created a new account using some provider, ensure that you either create a password or a PAT.

Now select **Projects** from the left sidebar. Click on **New Project** button on the top-right side of the page. Select **Create blank project**. Enter a suitable **Project Name**. Change any other relevant setting. Then hit **Create Project** at the bottom of the page.

2. Creating the Django App

This repository contains the Django-app with its source files in sampleapp/. This directory also contains the test files. [aryan-madhavi/sample-cicd-pipeline](#)

3. Testing the app locally

```
$  sudo apt install python pip -y
$  pip install django
$  cd sampleapp
$  python manage.py test
```

4. Writing the Dockerfile

The Dockerfile: [aryan-madhavi/sample-cicd-pipeline/main/Dockerfile](#)

5. Writing the .gitlab-ci

The .gitlab-ci file: [aryan-madhavi/sample-cicd-pipeline/main/.gitlab-ci.yml](#)
This file is necessary to automatically trigger a pipeline whenever code is pushed.