Develop a Model form for student that contains his topic chosen for project, languages used and duration with a model called project.

django-admin startproject collegeportal

cd collegeportal

django-admin startapp studentprojects

studentprojects/models.py

from django.db import models

class Project(models.Model):

student\_name = models.CharField(max\_length=100)

topic\_chosen = models.CharField(max\_length=200)

languages\_used = models.CharField(max\_length=200)

duration = models.IntegerField(help\_text="Duration in weeks")

def \_\_str\_\_(self):

return self.student\_name

studentprojects/forms.py

from django import forms

from .models import Project

class ProjectForm(forms.ModelForm):

class Meta:

model = Project

fields = ['student\_name', 'topic\_chosen', 'languages\_used', 'duration']

studentprojects/views.py

from django.shortcuts import render, redirect

from .forms import ProjectForm

def project\_create\_view(request):

if request.method == 'POST':

form = ProjectForm(request.POST)

if form.is\_valid():

form.save()

return redirect('project\_success')

else:

form = ProjectForm()

return render(request, 'studentprojects/project\_form.html', {'form': form})

def project\_success\_view(request):

return render(request, 'studentprojects/project\_success.html')

studentprojects/templates/studentprojects/ project\_form.html

<!DOCTYPE html>

<html>

<head>

<title>Create Project</title>

</head>

<body>

<h2>Create Project</h2>

<form method="post">

{% csrf\_token %}

{{ form.as\_p }}

<button type="submit">Submit</button>

</form>

</body>

</html>

project\_success.html

<!DOCTYPE html>

<html>

<head>

<title>Project Success</title>

</head>

<body>

<h2>Project Submitted Successfully!</h2>

</body>

</html>

**studentprojects/urls.py**

from django.urls import path

from .views import project\_create\_view, project\_success\_view

urlpatterns = [

path('create/', project\_create\_view, name='project\_create'),

path('success/', project\_success\_view, name='project\_success'),

]

Urls.py

from django.contrib import admin

from django.urls import include, path

urlpatterns = [

path('admin/', admin.site.urls),

path('projects/', include('studentprojects.urls')),

]

python manage.py makemigrations

python manage.py migrate

python manage.py runserver

http://127.0.0.1:8000/projects/create/