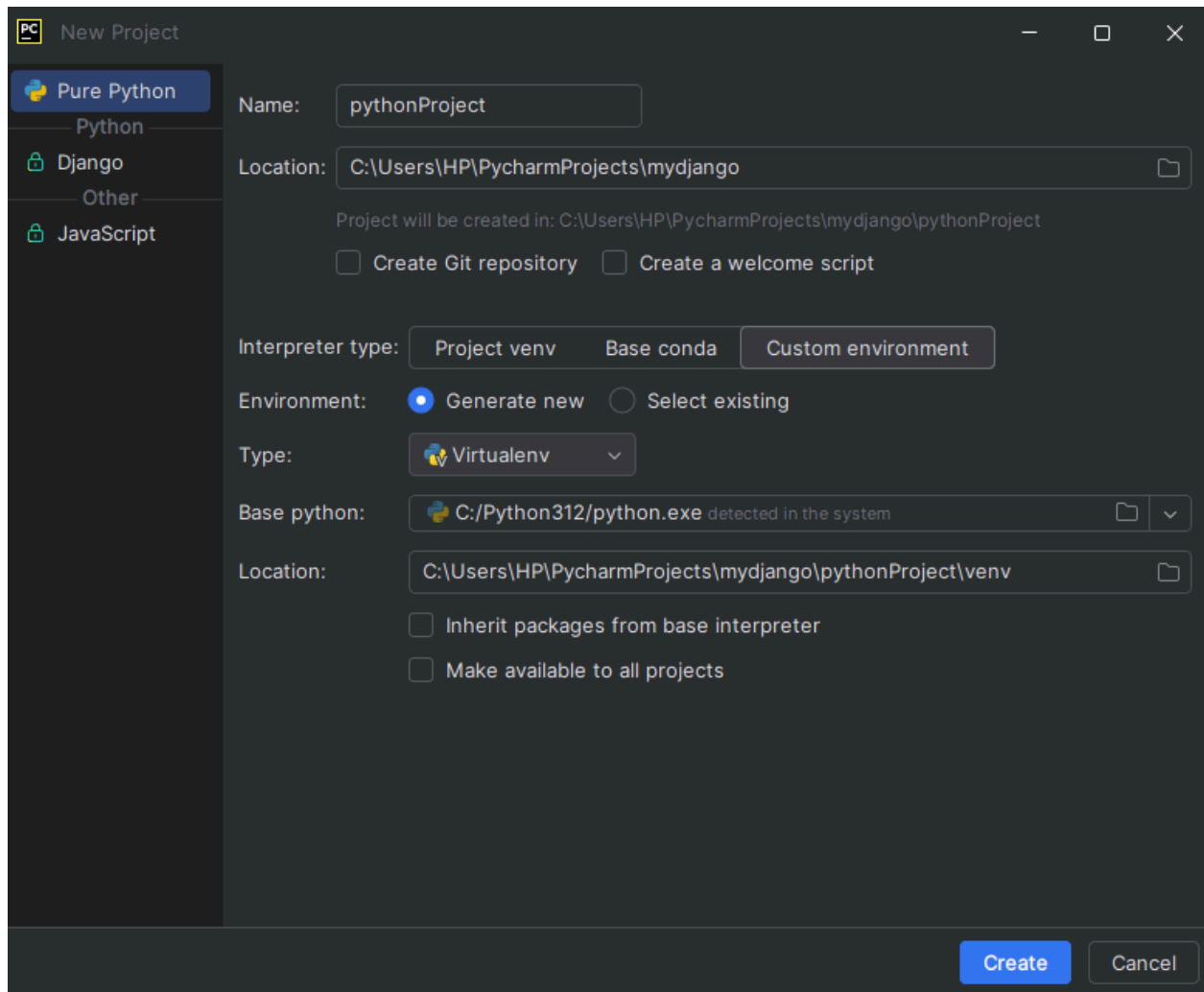


Step 1: Install python from given link.

<https://www.python.org/download/releases/2.5/msi/>



2) Install Django

Pip install Django

3) Create project

Django-admin startproject Projectname

Example

django-admin startproject mywebpage

Step 4) change directory

Step 5:-Go to that folder

```
venv) PS C:\Users\HP\PycharmProjects\mydjango\pythonProject> cd .\myproject\  
venv) PS C:\Users\HP\PycharmProjects\mydjango\pythonProject\myproject> django-admin startapp myapp  
venv) PS C:\Users\HP\PycharmProjects\mydjango\pythonProject\myproject> python manage.py runserver  
Watching for file changes with StatReloader  
Performing system checks...
```

Step 6:- Create an app inside your django project

Django-admin startapp myapp

Step 7: run Server

python manage.py runserver

Note :- ctrl+c for clear terminal

Step 8: - add myapp into setting.py

```
INSTALLED_APPS = [  
    'django.contrib.admin',  
    'django.contrib.auth',  
    'django.contrib.contenttypes',  
    'django.contrib.sessions',  
    'django.contrib.messages',  
    'django.contrib.staticfiles',  
    'myapp',  
]
```

Step 8: Migrate

python manage.py migrate

Step9:- Create Super User

python manage.py createsuperuser

Step 10:- Enter username and password

```
(venv) PS C:\Users\HP\PycharmProjects\mydjango\pythonProject\myproject> python manage.py createsuperuser
Username (leave blank to use 'hp'): super
Email address: mahibhamare93@gmail.com
Password:
Password (again):
The password is too similar to the username.
This password is too short. It must contain at least 8 characters.
This password is too common.
Bypass password validation and create user anyway? [y/N]: y
```

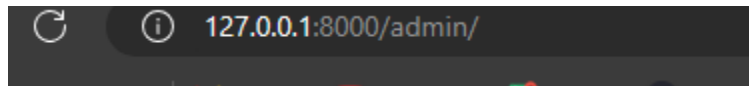
Again run the server

Python manage .py runserver

Go to url

Starting development server at <http://127.0.0.1:8000/>

Url open on browser:-



Step 11 Create View 👍

For that Create view file in your app

Write below code in views.py file

```
from django.http import HttpResponse
1 📄 sage
def aboutUs(request):
    return HttpResponse("Welcome to my Website")
```

Step 12 :Create URL:

Mention view page ref in url.py

Views connect with url

Add an Import :from my_app import views

```

from django.contrib import admin
from django.urls import path
from wccubetech import views
urlpatterns = [
    path('admin/', admin.site.urls),
    path('about_US/', views.aboutUs)
]

```

Url name

view file

function which mention in view file

#3 type data

Int,string and slug

Slug type data means :- wc-ab-pg

SLUG 127.0.0.1:8000/course/hi-WE this kind link we can use after the course.

In INT: Type we mention only no.

In str we can mention only string

If we are not mention anything that time we can use

Create Route 👍

```

def courseDetail(request,courseid):
    return HttpResponse(courseid)

```

With id we can access dynamic url

This function we create in [view Page](#)

And url ref this function

[In URL we Mention](#)

```

path('course/<courseid>', views.courseDetail)

```

Q How HTML Template render to view?

Create template folder in django app

Means project name - app name - template-index.html

- 1) Create html file in template
index.html

```
<html>
<head>
    <title>Home Page</title>
</head>
<body>
<h2>Welcome to the Home Page </h2>

<body>
</html>
```

- 2) Create a home page function in View 👍
re

```
from django.shortcuts import render

1 usage
def homepage(request):
    return render(request, template_name: "index.html")
```

- 3) Create Home Url

```
path('', views.homepage),
```