**Steps to create django**

1. python -m venv myvenv

2. myvenv\Scripts\activate

3. pip install django

4. django-admin startproject myproject .

5. python manage.py startapp myapp

6.code .

7. go to vscode /project/settings.py in that INSTALLED APPLICATION type

INSTALLED\_APPS = [

    'django.contrib.admin',

    'django.contrib.auth',

    'django.contrib.contenttypes',

    'django.contrib.sessions',

    'django.contrib.messages',

    'django.contrib.staticfiles',

    'app',

]

Application installed in django

8.urls.py add include in

from django.contrib import admin

from django.urls import path,include

urlpatterns = [

    path('admin/', admin.site.urls),

    path("",include('app.urls')), # app included in dj pro urls

]

9. Open app folder create urls.py file and copy the project /urls.py content to app/urls.py then remove the urlpattens

from django.contrib import admin

from django.urls import path,include

urlpatterns = [

]

10.migrate dj tables , it helps to access admin tables

CMD -> python manage.py migrate (It will create db.sqlite file)

11.create super user

CMD-> python manage.py runserver (It will generate url )

<http://127.0.0.1:8000/admin>

12. create user name and password in adimin in super user

CMD-> python manage.py createsuperuser

Username (leave blank to use 'sksan'): sandy

Password : sandy1003

13. run the server CMD-> python manage.py runserver (It will generate url )

<http://127.0.0.1:8000/admin>

enter user id and password to login

14. open app/models.py to create table

from django.db import models

# Create your models here.

class Teacher(models.Model):

    Firstname = models.CharField(max\_length=50)

    lastname = models.CharField(max\_length=50)

    Email = models.EmailField(max\_length=50)

    Contact = models.CharField(max\_length=50)

15.CMD -> python manage.py makemigrations

It will migrate table to the server

CMD-> python manage.py migrate

This will create a folder migrations

16. open the server run the server CMD-> python manage.py runserver (It will generate url )

<http://127.0.0.1:8000/admin>

17.app/admin.py type

from django.contrib import admin

from .models import \*

# Register your models here.

admin.site.register(Teacher)

18. refresh the site it will show the table add the field and save it

19. to show the field in the table site open app/models.py

from django.db import models

# Create your models here.

class Teacher(models.Model):

    Firstname = models.CharField(max\_length=50)

    lastname = models.CharField(max\_length=50)

    Email = models.EmailField(max\_length=50)

    Contact = models.CharField(max\_length=50)

    def \_\_str\_\_(self) -> str:

        return self.Firstname

**CREATE DJANGO TEMPLE NEW FOLDER**

1. python -m venv myvenv

2. myvenv\Scripts\activate

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5. python manage.py startapp myapp

6.code .

7. go to vscode /project/settings.py in that INSTALLED APPLICATION type

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from django.urls import path,include

urlpatterns = [

]

10. app/(templates) crete new folder in templates/app

In templates/app folder create index.html file

11. there you create the html page

12. to view html pg app/view.py

from django.shortcuts import render

# Create your views here.

def Indexview(request):

    return render(request,"app/index.html")

13.open app/urls.py

from django.contrib import admin

from django.urls import path,include

from . import views

urlpatterns = [

    path("",views.Indexview,name="index"),

]

14. CMD-> python manage.py runserver (It will generate url )

<http://127.0.0.1:8000/>

**CREATE HTML FORMS**

15. create forms.html in templates\app

16. create html form

**SQL LINK**

1. python -m venv myvenv

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4. django-admin startproject myproject .

5. python manage.py startapp myapp

6.code .

7. go to vscode /project/settings.py in that INSTALLED APPLICATION type

INSTALLED\_APPS = [

    'django.contrib.admin',

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from django.contrib import admin

from django.urls import path,include

urlpatterns = [

]

10.create db in mysql

11. give sql link to django project/settings.py

DATABASES = {

    'default': {

        'ENGINE': 'django.db.backends.mysql',

        'NAME': 'django',

        'USER': 'root',

        'PASSWORD': '',

        'HOST': 'localhost',

        'PORT': '3306',

    }

}

13. CMD-> pip install --only-binary :all: mysqlcli ( it make conn)

14.