

Steps

- 1)Created the project as – PythonMachineTest
- 2)Created one app- MyApp
- 3)Made his entry in the setting.py file.
- 4)Then changed the database form SQLite to mysql.
- 5)Created the models as- Client, Project, User.
- 6) Performed makemigrations and the migrate commands to create tables and apply all the changes
- 7) Then created the super user for administrative access and registered these models on admin site.
- 8)After that I have created one file as myserializer.py with serializers as- ClientSerializer, ProjectSerializer and UserSerializer
- 9)In the next step I have created views for CRUD operations
- 10)Then provided appropriate Urls for those views as per the requirements
- 11)In the last I used the command as python manage.py runserver to run the server.

Commands Used

Here are the commands that have I used in the development of the solution:

1. **django-admin startproject PythonMachineTest** – To create the Django project.
2. **python manage.py startapp MyApp** – To create the app within the project.
3. **python manage.py makemigrations** – To note down all the changes related to the database.

4. **python manage.py migrate** – To apply the changes and create the actual tables.
5. **Python manage.py createsuperuser**– To create a superuser for administrative access.
6. **python manage.py runserver** – To run the server