STEP1: mkdir backend

cd backend

STEP2:python -m venv env

env\Scripts\activate

step3: pip install django

pip install djangorestframework

python -m pip install django-cors-headers

step4: django-admin startproject backend\_project

cd backend\_project

step5: python manage.py startapp backend\_api

step6: settings.py

INSTALLED\_APPS = [

'django.contrib.admin',

'django.contrib.auth',

'django.contrib.contenttypes',

'django.contrib.sessions',

'django.contrib.messages',

'django.contrib.staticfiles',

#own

'backend\_api',

#third\_party

'rest\_framework',

'corsheaders',

]

MIDDLEWARE = [

'corsheaders.middleware.CorsMiddleware',

'django.middleware.common.CommonMiddleware',

]

Step7: CORS\_ORIGIN\_WHITELIST = [

'http://localhost:3000',

] in settings.py

Step8:create models in models.py

python manage.py makemigrations

python manage.py migrate

python manage.py createsuperuser

step9:resigter in admin.py

step10:create serializer

step11:write code in the views.py

step12: urls.py

from backend\_api.views import MovieViewSet

from rest\_framework.routers import DefaultRouter

from backend\_api import views

router = DefaultRouter()

router.register(r'movies', views.MovieViewSet, basename='movie')

urlpatterns = router.urls

step13: python manage.py runserver

frontend:-

step1:npx create-react-app frontend

cd frontend

step2: npm install axios

npm install react-bootstrap [bootstrap@5.1.3](mailto:bootstrap@5.1.3)

npm install react-icons --save

step3: create a file API.js

import axios from 'axios';

export default axios.create({

baseURL: "http://127.0.0.1:8000/backend\_api/movies",

headers: {

'Accept':'application/json',

'Content-Type':'application/json',

}

})

Step4:create components

Step5:npm start