Api لنظام متجر بيتزا

python -m venv pizza\_env

pizza\_env\Scripts\activate

////////

pip install django

pip install djangorestframework

pip install django-filter

////////

django-admin startproject PizzaShop

cd PizzaShop

python manage.py startapp orders

/////////

INSTALLED\_APPS = [

...

'rest\_framework',

'orders',

'django\_filters',

]

REST\_FRAMEWORK = {

'DEFAULT\_FILTER\_BACKENDS': [

'django\_filters.rest\_framework.DjangoFilterBackend']

//////////////

نماذج البياناتorder/models.py \*

from django.db import models

class Pizza(models.Model):

name = models.CharField(max\_length=100)

size = models.CharField(max\_length=1, choices=SIZE\_CHOICES)

price = models.DecimalField(max\_digits=5, decimal\_places=2)

def –str—(self){

return name;

}

/////////////

-التسلسل:orders/serializers.py

from rest\_framework import serializers

from .models import Pizza

class PizzaSerializer(serializers.ModelSerializer):

class Meta:

model = Pizza

fields = '\_\_all\_\_'

///////////////////////

-واجهات العرض order/view.py

from rest\_framework import viewsets

from .models import Order

from .serializers import OrderSerializer

from django\_filter.rest\_framework import DjangoFilterBackend

class OrderViewSet(viewsets.ModelViewSet):

queryset = Order.objects.all()

serializer\_class = OrderSerializer filter\_backends = [DjangoFilterBackend]

filterset\_fields = ['status', 'pizza\_\_size']

def perform\_create(self, serializer):

serializer.save(customer=self.request.user)

المسارات: pizzashop/urls.py

from django.urls import path, include

from orders.views import OrderViewSet

from rest\_framework.routers import DefaultRouter

router = DefaultRouter()

router.register(r'orders', OrderViewSet)

urlpatterns = [

path('api/', include(router.urls)),

path('api-auth/', include('rest\_framework.urls')), ]

نقوم بالترحيل وتشغيل الخادم :

python manage.py makemigrations

python manage.py migrate

python manage.py createsuperuser

python manage.py runserver