Documentar tu API con **Swagger** en Django es clave para que sea entendible y usable por otros.  
En Django lo más común es usar la librería **drf-yasg** o **drf-spectacular** (ambas funcionan con Django REST Framework).

**🔹 Paso 1: Instalar dependencias**

Primero asegurate de tener **Django REST Framework** instalado:

pip install djangorestframework

Luego instala **drf-yasg** (Swagger):

pip install drf-yasg

**🔹 Paso 2: Configurar Django REST Framework**

En tu settings.py agrega rest\_framework y drf\_yasg a INSTALLED\_APPS:

INSTALLED\_APPS = [

...

"rest\_framework",

"drf\_yasg",

]

**🔹 Paso 3: Crear una vista de API (ejemplo con productos)**

En market/views.py:

from rest\_framework import viewsets

from rest\_framework import permissions

from .models import Product

from .serializers import ProductSerializer

class ProductViewSet(viewsets.ModelViewSet):

queryset = Product.objects.all()

serializer\_class = ProductSerializer

permission\_classes = [permissions.AllowAny]

**🔹 Paso 4: Serializador**

Crea market/serializers.py:

from rest\_framework import serializers

from .models import Product

class ProductSerializer(serializers.ModelSerializer):

class Meta:

model = Product

fields = ["id", "title", "description", "marca", "price", "stock", "active", "created\_at"]

**🔹 Paso 5: URLs con Swagger**

En tu urls.py principal:

from django.contrib import admin

from django.urls import path, include

from rest\_framework import routers

from market.views import ProductViewSet

# Swagger imports

from rest\_framework import permissions

from drf\_yasg.views import get\_schema\_view

from drf\_yasg import openapi

router = routers.DefaultRouter()

router.register(r"products", ProductViewSet)

schema\_view = get\_schema\_view(

openapi.Info(

title="Mercadito API",

default\_version="v1",

description="API para manejar productos de Mercadito (compra, venta, trueque).",

terms\_of\_service="https://www.google.com/policies/terms/",

contact=openapi.Contact(email="tuemail@ejemplo.com"),

license=openapi.License(name="BSD License"),

),

public=True,

permission\_classes=[permissions.AllowAny],

)

urlpatterns = [

path("admin/", admin.site.urls),

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

# Swagger endpoints

path("swagger/", schema\_view.with\_ui("swagger", cache\_timeout=0), name="schema-swagger-ui"),

path("redoc/", schema\_view.with\_ui("redoc", cache\_timeout=0), name="schema-redoc"),

]

**🔹 Paso 6: Probar la documentación**

Levanta el servidor:

python manage.py runserver

Ahora entra en:

* 📄 Swagger UI → http://127.0.0.1:8000/swagger/
* 📘 ReDoc → http://127.0.0.1:8000/redoc/

Vas a ver la documentación de tu API de productos lista para usar 🚀