

# Django Assignment: Online Store Project

## Goal:

Create a Django project 'OnlineStore' with 3 apps:

- product - show product list and details
- order - place and view orders
- customer - show customer profile and dashboard

## Instructions (Do This)

### 1. Create Project and Apps

- `django-admin startproject OnlineStore`
- `cd OnlineStore`
- `python manage.py startapp product`
- `python manage.py startapp order`
- `python manage.py startapp customer`

### 2. Add all apps in settings.py -> INSTALLED\_APPS

### 3. Setup URLs in OnlineStore/urls.py

- `path('product/', include('product.urls'))`
- `path('order/', include('order.urls'))`
- `path('customer/', include('customer.urls'))`

### 4. Create Views

product/views.py:

```
def product_list(request): return JsonResponse({'products': ['Laptop', 'Mouse']})  
def product_detail(request, id): return HttpResponse(f"Product ID: {id}")
```

order/views.py:

```
def place_order(request): return HttpResponse("Order placed.")
```

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```
def order_history(request): return JsonResponse({'orders': ['Laptop', 'Mouse']})
```

customer/views.py:

```
def profile(request): return JsonResponse({'name': 'Ali', 'membership': 'Gold'})
```

```
def dashboard(request): return HttpResponse("Welcome to Dashboard")
```

5. Create urls.py in each app and map the views.

## Hints

- Use JsonResponse from django.http
- Don't use templates, just return plain text or JSON
- Map URLs like product/, product/1/, order/place/, etc.
- Test in browser or Postman

## Submit

- Working project folder zipped
- At least 1 screenshot of each endpoint working