

## 2. API Endpoints

Endpoint Name	Method	Description	Payload Example	Response Example
/products	GET	Fetch all products	None	[ { "id": 1, "name": "Sofa Set", "category": "Sofa", "price": 1500, "stock": 5, "image": "https://example.com/images/sofa.jpg" } ]
/products/:id	GET	Fetch product by ID	None	{ "id": 1, "name": "Sofa Set", "category": "Sofa", "price": 1500, "stock": 5, "image": "https://example.com/images/sofa.jpg" }
/products	POST	Add a new product	{ "name": "Lamp", "category": "Lighting", "price": 500, "stock": 20, "image": "https://example.com/images/lamp.jpg" }	{ "message": "Product added successfully", "productId": 2 }
/orders	POST	Create a new order	{ "customer": { "name": "Huriya Syed", "email": "huriyasied1@gmail.com" }, "products": [ { "id": 1, "quantity": 2 } ], "paymentStatus": "Paid" }	{ "orderId": 1234, "status": "Order Confirmed" }
/orders/:id	GET	Fetch specific order details	None	{ "orderId": 1234, "customer": { "name": "Huriya Syed", "email": "huriyasied1@gmail.com" }, "products": [ { "id": 1, "quantity": 2 } ], "status": "Confirmed" }
/users/register	POST	Register a new user	{ "name": "Huriya Syed", "email": "huriyasied1@gmail.com", "password": "securePassword123" }	{ "message": "User registered successfully", "userId": 10 }
/users/login	POST	Authenticate user login	{ "email": "huriyasied1@gmail.com", "password": "securePassword123" }	{ "message": "Login successful", "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXLT..." }
/payment	POST	Process payment	{ "amount": 1500, "currency": "USD", "paymentMethodId": "pm_card_visa" }	{ "paymentId": "pi_123456789", "status": "Succeeded" }
/shipment/:orderId	GET	Fetch shipment status for an order	None	{ "shipmentId": 5678, "orderId": 1234, "status": "Out for Delivery", "expectedDelivery": "2024-09-20" }
/categories	GET	Fetch all product categories	None	[ { "id": 1, "name": "Sofas" }, { "id": 2, "name": "Lamps" } ]