

Postman Collection Documentation - Twinleaves Order Management

1. Customers

- **Create Customer**

Method: POST

URL: /api/customers

Body:

```
{  
  "name": "John Doe",  
  "email": "john@example.com",  
  "phone": "9876543210"  
}
```

- **Get All Customers**

Method: GET

URL: /api/customers

- **Get Customer by ID**

Method: GET

URL: /api/customers/{id}

- **Update Customer**

Method: PUT

URL: /api/customers/{id}

Body:

```
{  
  "name": "John Updated",  
  "email": "john.updated@example.com",  
  "phone": "9999999999"  
}
```

- **Delete Customer**

Method: DELETE

URL: /api/customers/{id}

2. Products

- **Create Product**

Method: POST

URL: /api/products

Body:

```
{  
  "name": "Laptop",  
  "price": 75000,  
  "stock": 10  
}
```

- **Get All Products**

Method: GET

URL: /api/products

- **Get Product by ID**

Method: GET

URL: /api/products/{id}

- **Update Product**

Method: PUT

URL: /api/products/{id}

Body:

```
{  
  "name": "Laptop Pro",  
  "price": 85000,  
  "stock": 5  
}
```

- **Delete Product**

Method: DELETE

URL: /api/products/{id}

3. Orders

- **Create Order**

Method: POST

URL: /api/orders

Body:

```
{  
  "customerId": 1,  
  "productIds": [1],  
  "quantities": [2]  
}
```

- **Get Order by ID**
Method: GET
URL: /api/orders/{id}
- **Get Orders by Customer**
Method: GET
URL: /api/orders/customer/{customerId}

4. Reporting

- **Total Orders per Customer**
Method: GET
URL: /api/reports/total-orders
- **Top 5 Customers by Orders**
Method: GET
URL: /api/reports/top-customers

Notes

- All requests and responses use application/json.
- No authentication is configured (can be added with Spring Security + JWT).
- Error messages will return meaningful HTTP status codes (400, 404, 500, etc.).

