

```
{ "id": 1, "postId": 1, "content": "Great post!", "author": "User3" }
```

Ecommerce API

2.1 Get All Products

- **Method:** GET
- **Endpoint:** /products
- **Description:** Fetches all available products.

Sample Request Body

None

Sample Response

```
[  
  { "id": 1, "name": "Laptop", "price": 1000, "stock": 10, "description": "High-performance laptop" },  
  { "id": 2, "name": "Phone", "price": 500, "stock": 20, "description": "Latest smartphone" }  
]
```

2.2 Get Product Details

- **Method:** GET
- **Endpoint:** /products/:id
- **Description:** Fetch details of a specific product by ID.

Sample Request Body

None

Sample Response

```
{ "id": 1, "name": "Laptop", "price": 1000, "stock": 10, "description": "High-performance laptop" }
```

2.3 Add Product to Cart

- **Method:** POST
- **Endpoint:** /cart
- **Description:** Adds a product to the cart.

Sample Request Body

```
{  
  "productId": 1,  
  "quantity": 2  
}
```

Sample Response

```
[
  { "productId": 1, "quantity": 2 }
]
```

2.4 View Cart

- **Method:** GET
- **Endpoint:** /cart
- **Description:** Fetches all items in the cart.

Sample Request Body

None

Sample Response

```
[
  { "productId": 1, "quantity": 2, "productName": "Laptop", "price": 1000 }
]
```

2.5 Place an Order

- **Method:** POST
- **Endpoint:** /orders
- **Description:** Places an order with items in the cart.

Sample Request

```
{
  "userId": 1
}
```

Sample Response

```
{
  "id": 1,
  "userId": 1,
  "items": [
    { "productId": 1, "quantity": 2 }
  ],
  "totalAmount": 2000
}
```

2.6 Get All Orders

- **Method:** GET
- **Endpoint:** /orders
- **Description:** Fetches all orders.

Sample Request Body

None

Sample Response

```
[
  {
    "id": 1,
    "userId": 1,
    "items": [
      { "productId": 1, "quantity": 2 }
    ],
    "totalAmount": 2000
  }
]
```

2.7 Add a New User

- **Method:** POST
- **Endpoint:** /users
- **Description:** Adds a new user to the system.

Sample Request Body

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

Sample Response

```
{ "id": 1, "name": "John Doe", "email": "john.doe@example.com" }
```

2.8 Get All Users

- **Method:** GET
- **Endpoint:** /users
- **Description:** Fetches all registered users.

Sample Request Body

None

Sample Response

```
[
  { "id": 1, "name": "John Doe", "email": "john.doe@example.com" }
]
```