

# API Endpoints:

**1:Endpoint Name:** /products

**Method:** GET

**Description:** Get all the products data.

**Response :**[

```
{  
  
  "product id": "939bd37878ih777",  
  
  "name": "sofa-combed",  
  
  "description": "This a sofa combed",  
  
  "price":65000,  
  
  "category":["sofa"]  
  
  "stock quantity":20,  
  
  "dimensions":  
  
  "materialofwood":  
  
  "clothing": ""  
  
  "vendor_id": [vendor_id]  
  
},  
  
{  
  
  "product id": "939bd37878ih777",  
  
  "name": "sofa-combed",  
  
  "description": "This a sofa combed",  
  
  "price":65000,  
  
  "category":["sofa"]  
  
  "stock quantity":20,  
  
  "dimensions":
```

```
"materialofwood":  
"clothing": ""  
"vendor_id": [vendor_id]  
}  
]
```

## 2:Endpoint Name: /product/[slug]

**Method:** GET

**Description:** Get a single product detail.

**Response :**

```
{  
"product id": "939bd37878ih777",  
"name": "sofa-combed",  
"description": "This a sofa combed",  
"price":65000,  
"category":["sofa"]  
"stock quantity":20,  
"dimensions":  
"materialofwood":  
"clothing": ""  
"vendor_id": [vendor_id]  
}
```

## 3:Endpoint Name: /login

**Method:** POST

**Description:** Checks the login credentials.

**Payload:**{"email": "affan@example.com, "password": "Ryjwj67@js2"}

**Response :**

```
{  
  
  "success": true,  
  
  "message": "Login Successful",  
  
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9",  
  
  "user": {  
  
    "id": "12345",  
  
    "username": "affankhalid",  
  
    "email": "affan@example.com",  
  
    "roles": "user"  
  
  }  
  
}
```

**4:Endpoint Name:** /signup

**Method:** POST

**Description:** Checks the login credentials.

**Payload:**{

```
"email": "affan@example.com,  
  
"username": "affankhalid",  
  
"password": "Ryjwj67@js2",  
  
"roles": "user"  
  
}
```

**Response :**

```
{  
  
  "success": true,  
  
  "message": "Account created successfully",  
  
  "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9",  
  
  "user": {  
  
    "id": "12345",  
  
    "username": "affankhalid",  
  
    "email": "affan@example.com",  
  
    "roles": "user"  
  
  }  
  
}
```

**5:Endpoint Name:** /cart

**Method:** GET

**Description:** fetch all the items added in the cart.

**Host:** yourapi.com

**Authorization:** Bearer "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9..."

**Response :**

```
{  
  
  "cartItems": [  
  
    {  
  
      "id": 1,  
  
      "name": "Sofa",  
  
      "quantity": 2,  
  
      "price": 200  
  
    },  
  
  ],  
  
}
```

```
{  
  "id": 2,  
  "name": "Chair",  
  "quantity": 1,  
  "price": 100  
}  
],  
"totalCost": 500  
}  
}
```

**6:Endpoint Name:** /checkout

**Method:** POST

**Description:** fetch all the items added in the cart.

**Payload:**{

```
"userId": "12345",           // Unique identifier for the user  
  
"shippingAddress": {  
  "name": "John Doe",  
  "addressLine1": "123 Main Street",  
  "addressLine2": "Apt 4B",  
  "city": "New York",  
  "state": "NY",  
  "zipCode": "10001",  
  "country": "USA",  
  "phone": "123-456-7890"  
},
```

```
"billingAddress": {  
  "name": "John Doe",  
  "addressLine1": "123 Main Street",  
  "addressLine2": "Apt 4B",  
  "city": "New York",  
  "state": "NY",  
  "zipCode": "10001",  
  "country": "USA"  
},  
"paymentDetails": {  
  "paymentMethod": "Credit Card",  
  "cardNumber": "4111111111111111",  
  "expiryDate": "12/24",  
  "cvv": "123"  
},  
"cartItems": [  
  {  
    "id": 1,  
    "name": "Sofa",  
    "quantity": 2,  
    "price": 200  
  },  
  {  
    "id": 2,  
    "name": "Chair",
```

```
    "quantity": 1,  
    "price": 100  
  }  
],  
  "totalCost": 500,  
  "shippingMethod": "Standard",  
  "couponCode": "DISCOUNT10"  
}
```

### **Response:**

```
{  
  "status": "success",  
  "message": "Checkout completed successfully.",  
  "orderId": "ORD123456789",  
  "paymentStatus": "processed",  
  "paymentMethod": "Credit Card",  
  "totalCost": 500,  
  "shippingAddress": {  
    "name": "John Doe",  
    "addressLine1": "123 Main Street",  
    "addressLine2": "Apt 4B",  
    "city": "New York",  
    "state": "NY",  
    "zipCode": "10001",  
    "country": "USA",  
    "phone": "123-456-7890"
```

```
},  
"shippingMethod": "Standard",  
"estimatedDeliveryDate": "2025-01-22",  
"trackingNumber": "TRACK123456"  
"cartItems": [  
  {  
    "id": 1,  
    "name": "Sofa",  
    "quantity": 2,  
    "price": 200  
  },  
  {  
    "id": 2,  
    "name": "Chair",  
    "quantity": 1,  
    "price": 100  
  }  
]  
}
```

**7:Endpoint Name:** /track-order

**Method:** POST

**Description:** fetch all the items added in the cart.

**Payload:**{

```
"trackingNumber": "TRACK123456",  
}
```



**Response:**

```
{  
  
  "status": "success",  
  
  "orderId": "ORD123456789",  
  
  "trackingNumber": "TRACK123456",  
  
  "shipmentStatus": "In Transit",    // Current status of the shipment (e.g., "Shipped", "In  
Transit", "Delivered")  
  
  "estimatedDeliveryDate": "2025-01-22", // Estimated delivery date  
  
  "shippingAddress": {  
  
    "name": "John Doe",  
  
    "addressLine1": "123 Main Street",  
  
    "addressLine2": "Apt 4B",  
  
    "city": "New York",  
  
    "state": "NY",  
  
    "zipCode": "10001",  
  
    "country": "USA",  
  
    "phone": "123-456-7890"  
  },  
  
  "currentLocation": {  
  
    "city": "Philadelphia",  
  
    "state": "PA",  
  
    "country": "USA"  
  },  
  
  "shipmentHistory": [  
  
    {  
  
      "status": "Shipped",
```

```
"date": "2025-01-15",  
  
"location": "Warehouse, New York"  
  
},  
  
{  
  
  "status": "In Transit",  
  
  "date": "2025-01-16",  
  
  "location": "Distribution Center, Philadelphia"  
  
},  
  
{  
  
  "status": "Out for Delivery",  
  
  "date": "2025-01-17",  
  
  "location": "Delivery Hub, New York"  
  
}  
  
]  
  
}
```