

# Module 12 APIs (2/2)

[GET /api/orders](#)

[POST /api/orders](#)

## GET /api/orders

- Returns a list of orders given a user type and id
- Query parameter 'type': customer, restaurant or courier (required)
- Query parameter 'id': id of customer, restaurant or courier (required) \* Not the id of the users table entry
- Example: /api/orders?type=customer&id=7

Unset

**Response (200 OK)**

```
[
  {
    "id": 3,
    "customer_id": 5,
    "customer_name": "Cathy Spinka",
    "customer_address": "7757 Darwin Causeway, Gerlachfort, 19822",
    "restaurant_id": 1,
    "restaurant_name": "Fast Pub",
    "restaurant_address": "5398 Quigley Harbor, North Lynelle, 60808",
    "courier_id": 3,
    "courier_name": "Cathy Spinka",
    "status": "in progress",
    "products": [
      {
        "product_id": 2,
        "product_name": "Vegetable Soup",
        "quantity": 2,
        "unit_cost": 1975,
        "total_cost": 3950
      },
      {
        "product_id": 4,
        "product_name": "Peking Duck",
```

```

        "quantity": 1,
        "unit_cost": 175,
        "total_cost": 175
    },
    {
        "product_id": 6,
        "product_name": "Pasta Carbonara",
        "quantity": 2,
        "unit_cost": 925,
        "total_cost": 1850
    }
],
"total_cost": 5975
},
{
    "id": 13,
    "customer_id": 5,
    "customer_name": "Cathy Spinka",
    "customer_address": "7757 Darwin Causeway, Gerlachfort, 19822",
    "restaurant_id": 4,
    "restaurant_name": "Silver Grill",
    "restaurant_address": "5515 Sol Inlet, Shelbyfurt, 49433-4387",
    "courier_id": 5,
    "courier_name": "Rev. Lavina Cartwright",
    "status": "delivered",
    "products": [
        {
            "product_id": 22,
            "product_name": "Pappardelle alla Bolognese",
            "quantity": 1,
            "unit_cost": 1274,
            "total_cost": 1274
        },
        {
            "product_id": 20,
            "product_name": "French Fries with Sausages",
            "quantity": 1,
            "unit_cost": 1624,
            "total_cost": 1624
        }
    ],
    "total_cost": 2898
}
]

```

**Response (422 Unprocessable Entity)**

```
{
  "error": "Invalid user type"
}
```

**Response (422 Unprocessable Entity)**

```
{
  "error": "Invalid user id"
}
```

**Response (400 Bad Request)**

```
{
  "error": "Both 'user type' and 'id' parameters are required"
}
```

## POST /api/orders

- Creates a new order

Unset

**Request Body**

```
{
  "restaurant_id": 1,
  "customer_id": 3,
  "products": [
    {
      "id": 2,
      "quantity": 1
    },
    {
      "id": 3,
      "quantity": 3
    }
  ]
}
```

```
    }  
  ]  
}
```

#### **Response (200 OK)**

- Same as GET /api/orders Response (200 OK) format

#### **Response (400 Bad Request)**

```
{  
  "error": "Restaurant ID, customer ID, and products are required"  
}
```

#### **Response (422 Unprocessable Entity)**

```
{  
  "error": "Invalid restaurant or customer ID"  
}
```

#### **Response (422 Unprocessable Entity)**

```
{  
  "error": "Invalid product ID"  
}
```