Name: Md Abdul Ohab

ID: 21210201506

Subject: Database Management System (2367)

Semester: Spring (ECSE)

Project Info

Project Name: Ecommerce CRUD Operation(SQL DATABASE)

Source Code: https://github.com/ohabdev/lab

Technologies:

DATABASE: MySQL

Bankend: API (Express.js)

Frontend: Angular.js

PRODUCTS LIST:

Ecommerce Products Create

Sea	arch by name	Search Add new product						
Рго	Product List							
#	Product Name	Product Category	Title	Description	Price	Quantity	Actions	
1	Flowertop Holder UPDATE	Garden & Outdoor	This product is ready	Metal Nesting Plant	2000	100		
2	Lovin Eye	Beauty & Personal Care	product title	description here	67	100		
3	Terra Shsave updated	Electronics	product title	description here	978	100		
4	Rhino Case	Garden & Outdoor	product title	description here	69	100		
5	Onovo Supply	Arts, Crafts, & Sewing	product title	description here	45	100		
6	Swish Wallet	Computers	product title	description here	87854	100		
7	Allure Kit	Books	product title	description here	678	100		
8	Uno Wear	Automotive Parts & Accessories	product title	description here	785	100		
9	XPress Bottle	Baby	product title	description here	545	100		
10	Orbital Keys	Apps & Games	product title	description here	567	100		
11	Mens Stop	Appliances	product title	description here	54.45	200		

ADD NEW PRODUCT:

Ecommerce Products Create

Product Name
Flowertop Holder
Select product category
Garden & Outdoor
Product Title
This product is ready
Description
Set of 4 Indoor Outdoor Metal Nesting Plant Stands, Flowerpot Holder
Price
2000
Quantity
100

Create New Product

ADD ANOTHER PRODUCT:

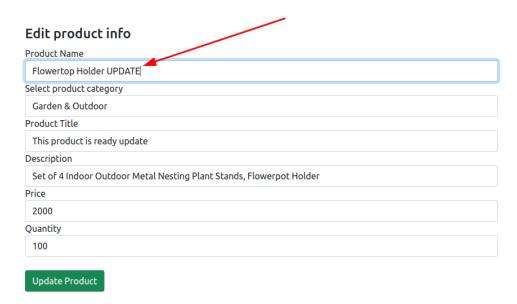
Ecommerce Products Create

You successfully created a product!

Add another product

EDIT PRODUCT INFORMATION:

Ecommerce Products Create



PRODUCT UPDATE SUCCESS MESSAGE

Ecommerce Products Create

Edit product info
You successfully updated a product!

Ecommerce Products Create

¥	Product Name	Product Category	Title	Description	Price	Quantity	Actions
1	Flowertop Holder UPDATE	Garden & Outdoor	This product is ready	Metal Nesting Plant	2000	100	
2	Lovin Eye	Beauty & Personal Care	product title	description here	67	100	
3	Terra Shsave updated	Electronics	product title	description here	978	100	
1	Rhino Case	Garden & Outdoor	product title	description here	69	100	
5	Onovo Supply	Arts, Crafts, & Sewing	product title	description here	45	100	
5	Swish Wallet	Computers	product title	description here	87854	100	
7	Allure Kit	Books	product title	description here	678	100	
3	Uno Wear	Automotive Parts & Accessories	product title	description here	785	100	
9	XPress Bottle	Baby	product title	description here	545	100	
10	Orbital Keys	Apps & Games	product title	description here	567	100	
11	Mens Stop	Appliances	product title	description here	54.45	200	

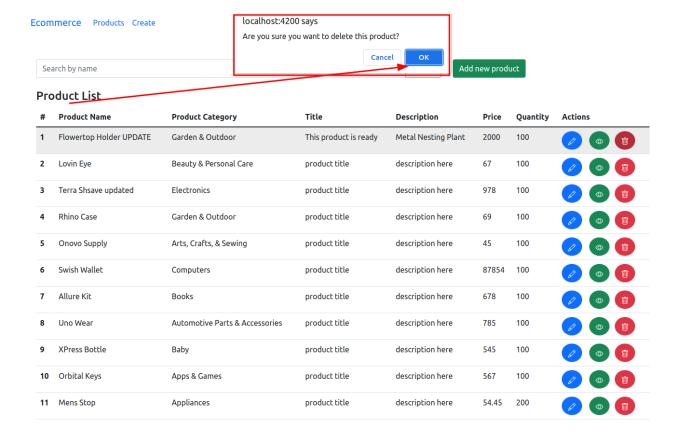
PRODUCT DETAILS:

Ecommerce Products Create

Back to List

Product details

Product Name	Flowertop Holder UPDATE
Product Title	This product is ready
Category	Garden & Outdoor
Description	Metal Nesting Plant
Price	2000
Quantity	100



Backend API

API endpoint:

Products list:

Method: GET

http://localhost:8080/api/products

```
"id": 10,
   "categories_id": 10,
   "name": "Flowertop Holder UPDATE",
```

```
"title": "This product is ready ",
  "description": " Metal Nesting Plant",
  "price": 2000,
  "quantity": 100,
  "variants id": 5,
  "insert_date": "2022-04-24T12:51:47.000Z",
  "products_id": 3,
  "category_name": "Garden & Outdoor",
  "pro_id": 11
},
  "id": 6,
  "categories_id": 6,
  "name": "Lovin Eye",
  "title": "product title",
  "description": "description here",
  "price": 67,
  "quantity": 100,
  "variants_id": 6,
  "insert_date": "2022-03-14T10:37:17.000Z",
  "products_id": 8,
  "category_name": "Beauty & Personal Care",
  "pro_id": 10
}, ......]
```

Products create:

Method: POST

http://localhost:8080/api/products

Request payload:

```
"categories_id": 10,
"name": "Flowertop Holder UPDATE",
"title": "This product is ready ",
"description": " Metal Nesting Plant",
"price": 2000,
"quantity": 100,
"variants_id": 5,
"insert_date": "2022-04-24T12:51:47.000Z",
```

```
"products_id": 3,
}
```

Products view:

Method: GET

http://localhost:8080/api/products/2

Request payload:

```
"categories_id": 10,
"name": "Flowertop Holder UPDATE",
"title": "This product is ready ",
"description": " Metal Nesting Plant",
"price": 2000,
"quantity": 100,
"variants_id": 5,
"insert_date": "2022-04-24T12:51:47.000Z",
"products_id": 3,
}
```

Products UPDATE:

Method: PUT

http://localhost:8080/api/products/5

Request payload:

```
"categories_id": 10,
    "name": "Flowertop Holder UPDATE",
    "title": "This product is ready ",
    "description": " Metal Nesting Plant",
    "price": 2000,
    "quantity": 100,
    "variants_id": 5,
    "insert_date": "2022-04-24T12:51:47.000Z",
    "products_id": 3,
```

Products DELETE:

Method: DELETE

http://localhost:8080/api/products/5

That's All Thank You!