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Subject: Database Management System (2367)

Semester: Spring (ECSE)

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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

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](#)

Edit product info

Product Name

Flowertop Holder UPDATE

Select product category

Garden & Outdoor

Product Title

This product is ready update

Description

Set of 4 Indoor Outdoor Metal Nesting Plant Stands, Flowerpot Holder

Price

2000

Quantity

100

Update Product

PRODUCT UPDATE SUCCESS MESSAGE

[Ecommerce](#) [Products](#) [Create](#)

Edit product info


































You successfully updated a product!

Search by name

Search

Add new product

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	  

PRODUCT DETAILS:

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

localhost:4200 says

Are you sure you want to delete this product?


































Cancel

OK

Search by name

Add new product

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	  
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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	  

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!