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Cmpsc 487

Product App

The Product App allows the user to search by id, a keyword and sort by id or name. A user can also add, edit, delete products. Whenever such actions are performed, the page refreshes.

Product App

Edit ProductDelete Product

Add Product

Product Name

Description

Photo

Add




Search

Product Id

Keyword

Sort ByProduct Id

Search

Id	Product Name	Description	Image
1	Milk	2% Fat Milk	
2	Bread	Pre Sliced	
3	Eggs	Carton of 12	
4	Cheese	American	
6	Cookies	Oreos, 24 pack	

The app loads the Add Product tab on start

Product App

Edit ProductDelete Product

Add Product

Product Name

Description

Photo

Add




Search

Product Id

Keyword

Sort ByProduct Id

Search

Id	Product Name	Description	Image
1	Milk	2% Fat Milk	
2	Bread	Pre Sliced	
3	Eggs	Carton of 12	
4	Cheese	American	
6	Cookies	Oreos, 24 pack	

Before adding Water to the database along with a picture

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add





Search

Product Id

Keyword

Sort ByProduct Id

Search

Id	Product Name	Description	Image
1	Milk	2% Fat Milk	
2	Bread	Pre Sliced	
3	Eggs	Carton of 12	
4	Cheese	American	
6	Cookies	Oreos, 24 pack	
11	Water	24 Pack Aquafina	

The page reloads, showing water being added at the end at id: 11

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add





Search

Product Id

Keyword

Sort ByProduct Id

Search

Id	Product Name	Description	Image
1	Milk	2% Fat Milk	
2	Bread	Pre Sliced	
3	Eggs	Carton of 12	
4	Cheese	American	
6	Cookies	Oreos, 24 pack	
11	Water	24 Pack Aquafina	

Before adding Orange Juice, without a picture

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add





Search

Product Id

Keyword

Sort ByProduct Id

Search

Id	Product Name	Description	Image
1	Milk	2% Fat Milk	
2	Bread	Pre Sliced	
3	Eggs	Carton of 12	
4	Cheese	American	
6	Cookies	Oreos, 24 pack	
11	Water	24 Pack Aquafina	
12	Orange Juice	No Pulp	

After adding Orange Juice

Product App

Add Product

Delete Product

Edit Product

Product Id

Product Name

Description

Photo

Edit





Search

Product Id

Keyword

Sort ByProduct Id

Search

Id	Product Name	Description	Image
1	Milk	2% Fat Milk	
2	Bread	Pre Sliced	
3	Eggs	Carton of 12	
4	Cheese	American	
6	Cookies	Oreos, 24 pack	
11	Water	24 Pack Aquafina	
12	Orange Juice	No Pulp	

Before editing id:6

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add





Search

Product Id

Keyword

Sort ByProduct Id

Search

Id	Product Name	Description	Image
1	Milk	2% Fat Milk	
2	Bread	Pre Sliced	
3	Eggs	Carton of 12	
4	Cheese	American	
6	Oreos Double Stuffed	24 Pack	
11	Water	24 Pack Aquafina	
12	Orange Juice	No Pulp	

The name and description for id:6 has changed

Product App

Add Product

Delete Product

Edit Product

Product Id

2

Product Name

Description

Whole Grain

Photo

Edit





Search

Product Id

Keyword

Sort ByProduct Id

Search

Id	Product Name	Description	Image
1	Milk	2% Fat Milk	
2	Bread	Pre Sliced	
3	Eggs	Carton of 12	
4	Cheese	American	
6	Oreos Double Stuffed	24 Pack	
11	Water	24 Pack Aquafina	
12	Orange Juice	No Pulp	

Before changing id:2 with a new description

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add








Search

Product Id

Keyword

Sort ByProduct Id

Search

Id	Product Name	Description	Image
1	Milk	2% Fat Milk	
2	Bread	Whole Grain	
3	Eggs	Carton of 12	
4	Cheese	American	
6	Oreos Double Stuffed	24 Pack	
11	Water	24 Pack Aquafina	
12	Orange Juice	No Pulp	

The description for id:2 has been updated

Product App

Add Product

Edit Product

Delete Product

Product Id

2

Delete








Search

Product Id

Keyword

Sort ByProduct Id

Search

Id	Product Name	Description	Image
1	Milk	2% Fat Milk	
2	Bread	Whole Grain	
3	Eggs	Carton of 12	
4	Cheese	American	
6	Oreos Double Stuffed	24 Pack	
11	Water	24 Pack Aquafina	
12	Orange Juice	No Pulp	

Before deleting id: 2

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add




Search

Product Id

Keyword

Sort ByName

Search

Id	Product Name	Description	Image
4	Cheese	American	
3	Eggs	Carton of 12	
1	Milk	2% Fat Milk	
12	Orange Juice	No Pulp	
6	Oreos Double Stuffed	24 Pack	
11	Water	24 Pack Aquafina	

The product at id:2 has been removed

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add




Search

Product Id

Keyword

Sort ByName

Search

Id	Product Name	Description	Image
4	Cheese	American	
3	Eggs	Carton of 12	
1	Milk	2% Fat Milk	
12	Orange Juice	No Pulp	
6	Oreos Double Stuffed	24 Pack	
11	Water	24 Pack Aquafina	

Names, descriptions and images are not unique, so a user can add another Cheese

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add




Search

Product Id

Keyword

Sort ByProduct Id

Search

Id	Product Name	Description	Image
1	Milk	2% Fat Milk	
3	Eggs	Carton of 12	
4	Cheese	American	
6	Oreos Double Stuffed	24 Pack	
11	Water	24 Pack Aquafina	
12	Orange Juice	No Pulp	
13	Cheese	Swiss	

A new Cheese product was created

Product App

Edit Product

Delete Product

Add Product

Product Name Cheese

Description Swiss

Photo

Add




Search

Product Id

Keyword

Sort ByName

Search

Id	Product Name	Description	Image
4	Cheese	American	
3	Eggs	Carton of 12	
1	Milk	2% Fat Milk	
12	Orange Juice	No Pulp	
6	Oreos Double Stuffed	24 Pack	
11	Water	24 Pack Aquafina	

Selected name from the dropdown box and clicking search sorts by name

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add

Search

Product Id

Keyword

Cheese

Sort ByName

Search

Id	Product Name	Description	Image
4	Cheese	American	
13	Cheese	Swiss	

Searching keyword “Cheese” returns only products like the keyword

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add

Search

Product Id

Keyword

American

Sort ByProduct Id

Search

Id	Product Name	Description	Image
4	Cheese	American	

Descriptions can also be searched, American matches the description of product 4

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add

Search

Product Id

13

Keyword

Sort ByName

Search

Id	Product Name	Description	Image
13	Cheese	Swiss	

The product id can be searched as well

Product App

Edit Product

Delete Product

Add Product

Product Name

Description

Photo

Add

Search

Product Id

14

Keyword

Sort ByName

Search

Id	Product Name	Description	Image
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If the search doesn't find anything, it displays a blank table