

Phuoc Truong
Storage management web application
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ASP.NET MVC

1. Introductions

- This web app can be used to add and manage products, categories of products in a storage. Also, a commercial website can use the database of storage to display and manage items on the store.
- This project is built based on ASP.NET MVC and C#.

2. Functions

2.1. Add category:

- This function is used to add the category of a product to the database.
- The category has two properties, class Id and class name. It's stored in the class table of the database.

[Home](#) [Add Catagories](#) [Manage Categories](#) [Add Product](#) [Manage Products](#) [Login](#)

Create

ClassID

ClassName

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- After input class id, class name and hit submit button. The class will be saved into the class table on the database.

2.2. Manage categories:

- This function will show all categories stored in the database as a table. Users can also change the class detail or delete that category.
- The search bar allows users to search for the category based on id or name of the category.

Home
Add Catagories
Manage Categories
Add Product
Manage Products
Login

All catagories

Search the catagory:

ID	Catagories	Action
1	Phones	Edit Delete
2	Appliances	Edit Delete
3	Laptops	Edit Delete
4	Tablets	Edit Delete
5	Consoles	Edit Delete

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2.3. Edit class

- This function allows user to edit the class on the database.
- The users can not change the class id because it will because the id is the primary key of the table, if it's changed to the already existing id, it will cause an error.

Before changing

Home
Add Catagories
Manage Categories
Add Product
Manage Products
Login

Create

ClassID

ClassName

Save

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After changing

All catagories

Search the catagory:

ID	Catagories	Action
1	Phones Phones	Edit Delete
2	Appliances	Edit Delete
3	Laptops	Edit Delete
4	Tablets	Edit Delete
5	Consoles	Edit Delete

2.4. Delete category

- This function allows users to remove a specific category from the database.

Before delete phones phones

All catagories

Search the catagory:

ID	Catagories	Action
1	Phones Phones	Edit Delete
2	Appliances	Edit Delete
3	Laptops	Edit Delete
4	Tablets	Edit Delete
5	Consoles	Edit Delete

Confirm before delete

Are you sure you want to delete this?

ID	Caagory
1	Phones Phones

Delete

Back to List

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After delete phones phones

All catagories

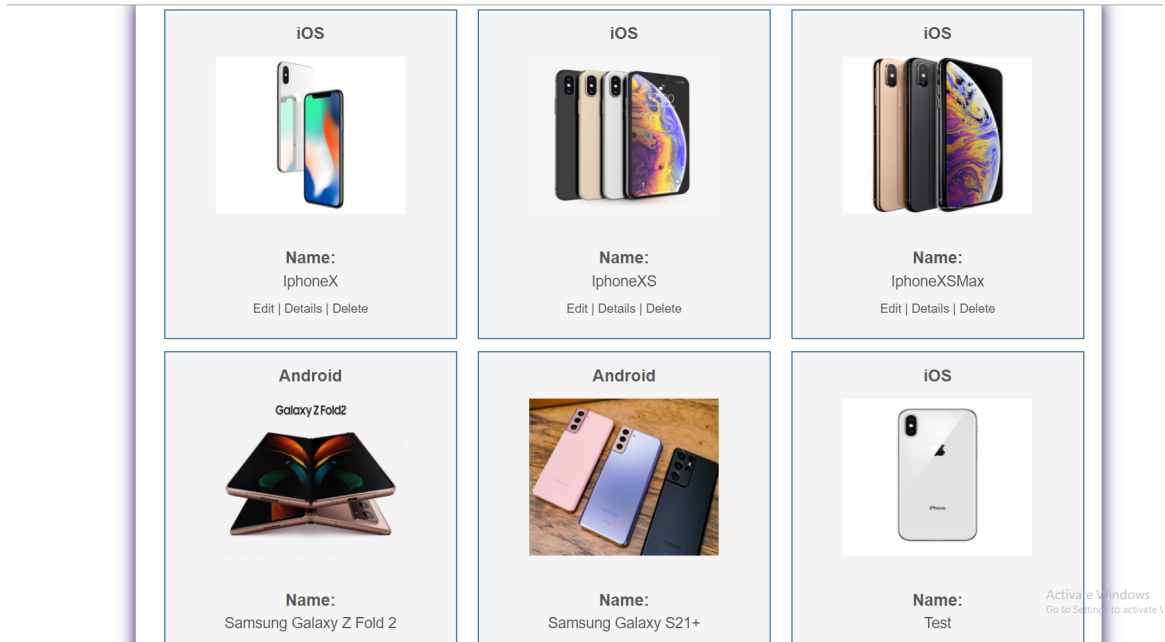
Search the catagory:

ID	Catagories	Action
2	Appliances	Edit Delete
3	Laptops	Edit Delete
4	Tablets	Edit Delete
5	Consoles	Edit Delete

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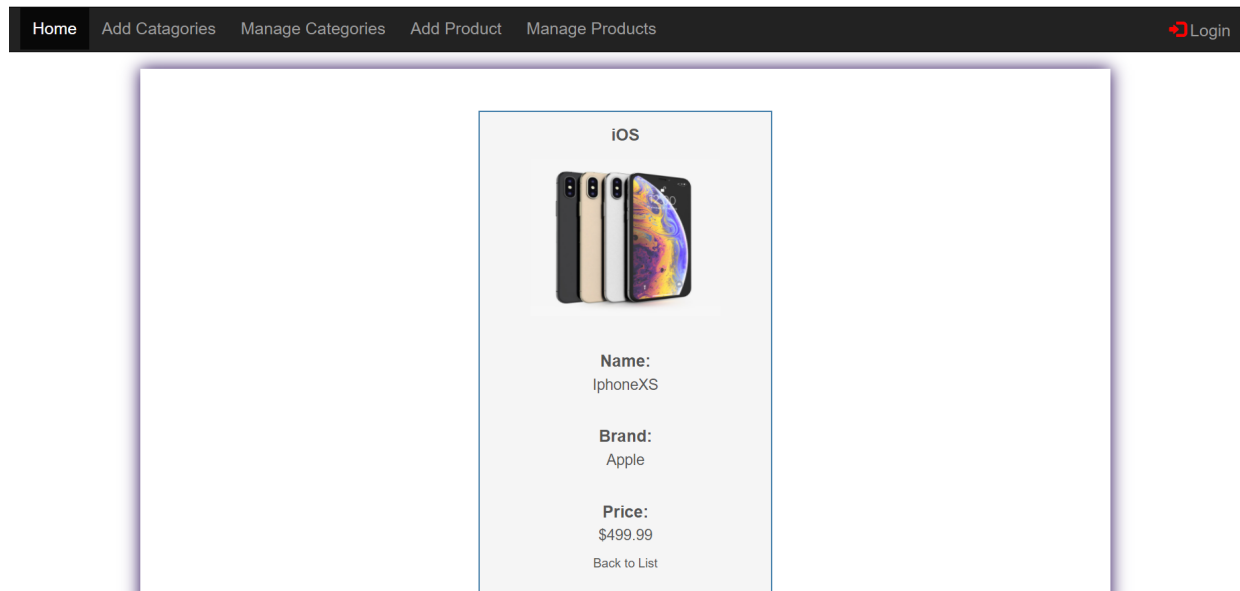
2.5. Add product

- This function allows users to add products to the database.
- After input class, product type, name, price and the picture of the product, the product object will be created and added to the product table on the database.



2.6. Detail

- This function will show detailed information of a product.



2.7. Edit

- Allow users to change the product information.

Edit a Product

Class

Product Type:

Name:

Brand:

Price:

Save

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Before edit

iOS

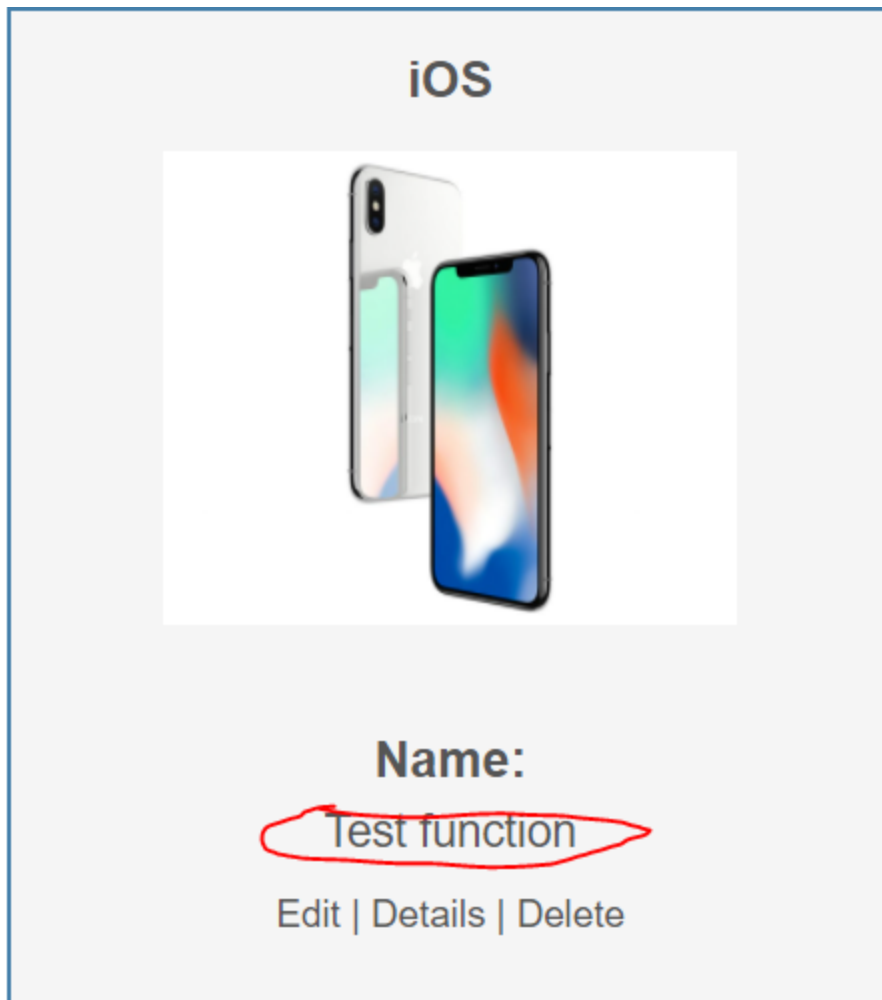


Name:

IphoneX

Edit | Details | Delete

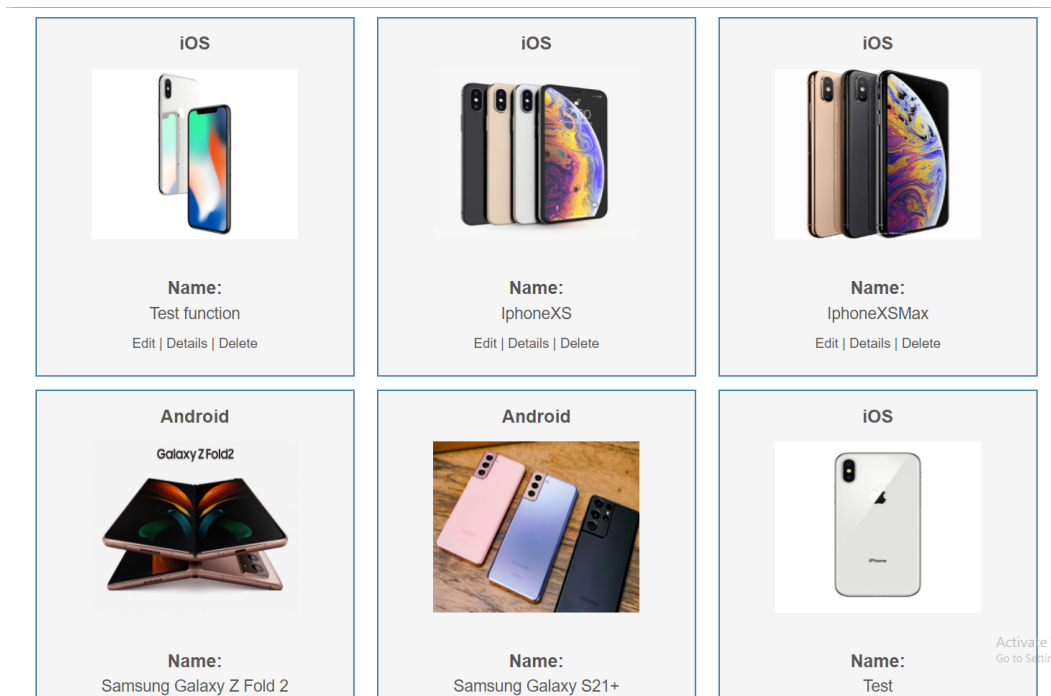
After edit



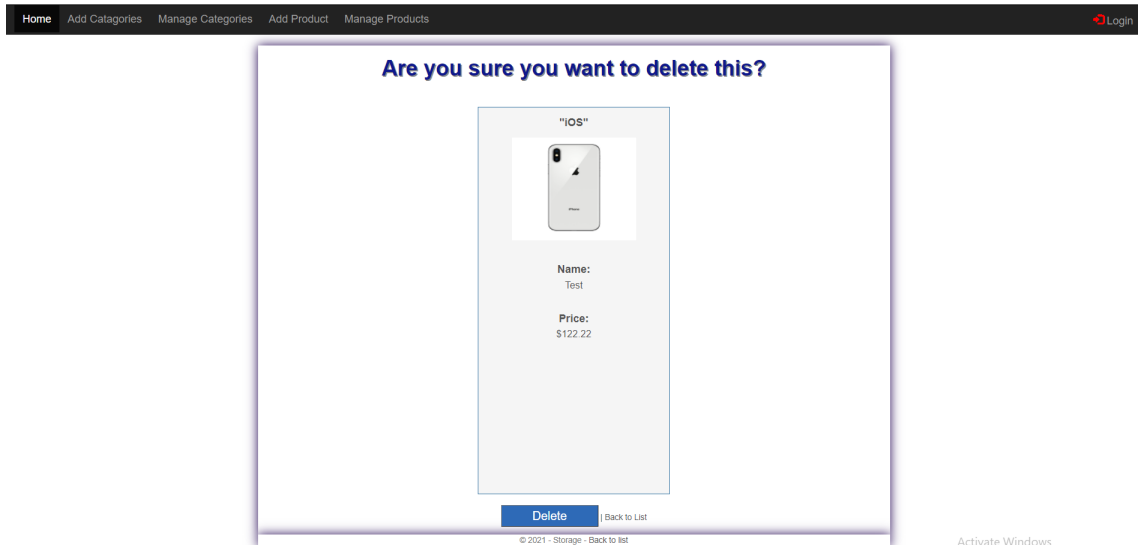
2.8. Delete

- This allow users to delete a product from the database

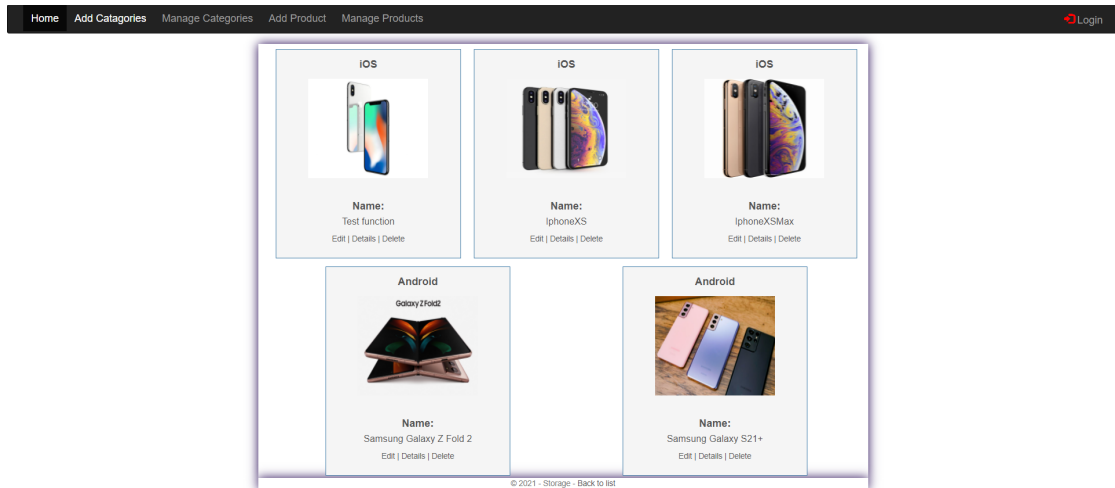
Before delete



Confirm delete

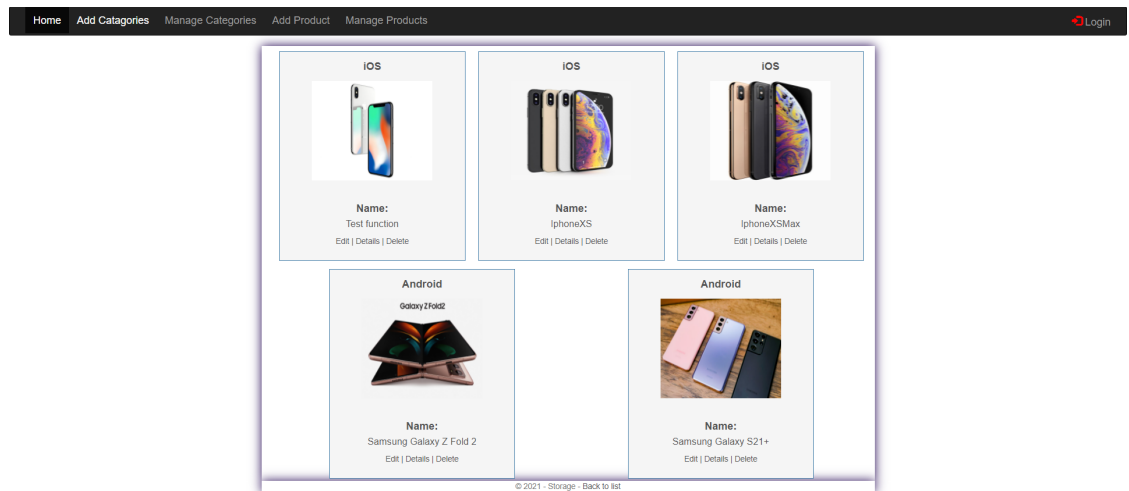


After delete



2.9. Manage products

- This function will show all products in the database.



3. Enhancements

- There is still a login function that needs to be implemented. This will allow only people who are authorized to change and edit information of products and categories.
- The webapp can be implemented to link to the commercial website for a complete commercial webapp.
- The database can be changed from SQLite to SQLServer.