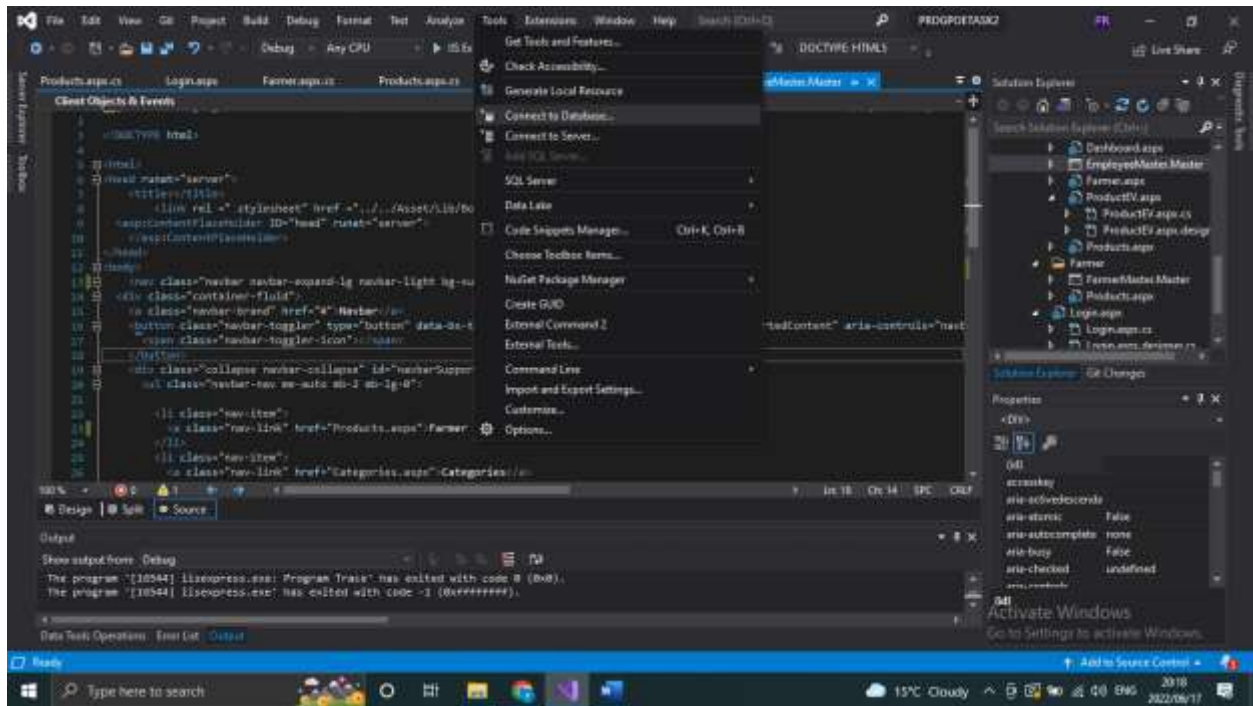
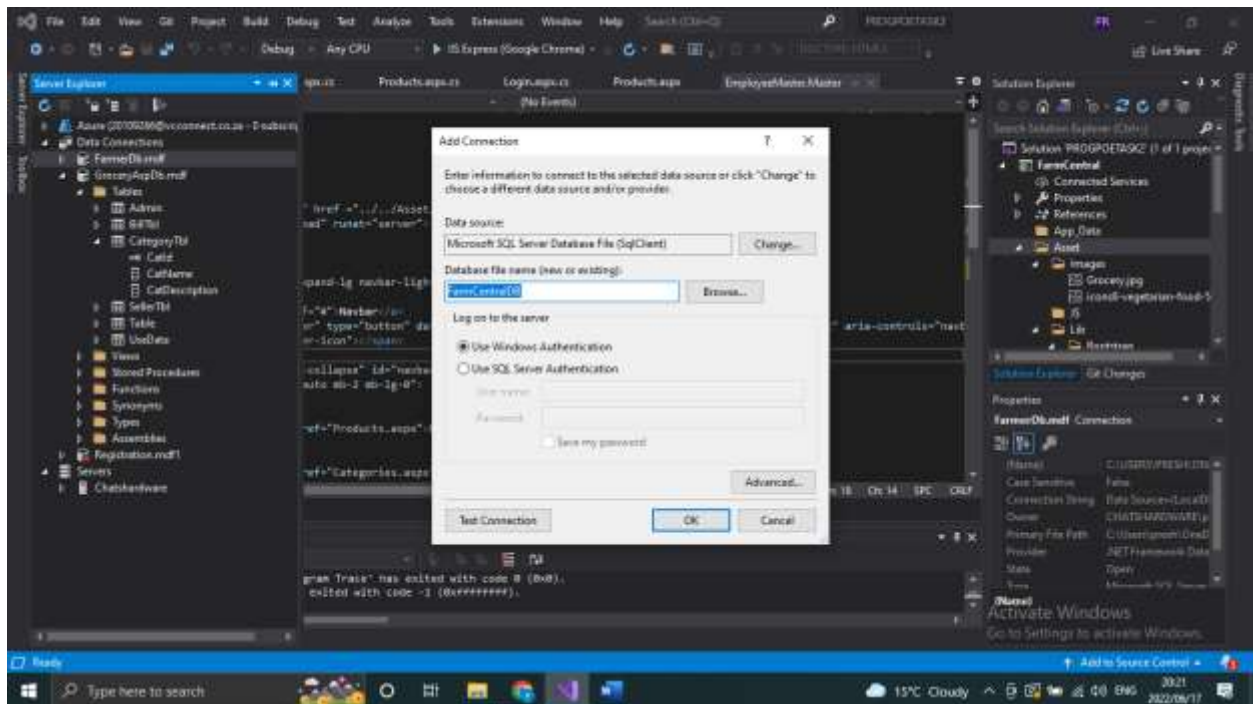


```
CREATE TABLE [dbo].[ProductsTbl]
(
    [PrId] INT NOT NULL PRIMARY KEY IDENTITY,
    [PrName] VARCHAR(50) NOT NULL,
    [PrCat] VARCHAR(50) NOT NULL,
    [PrPrice] INT NOT NULL,
    [PrQty] INT NOT NULL,
    [ExpDate] DATE NOT NULL
)
```

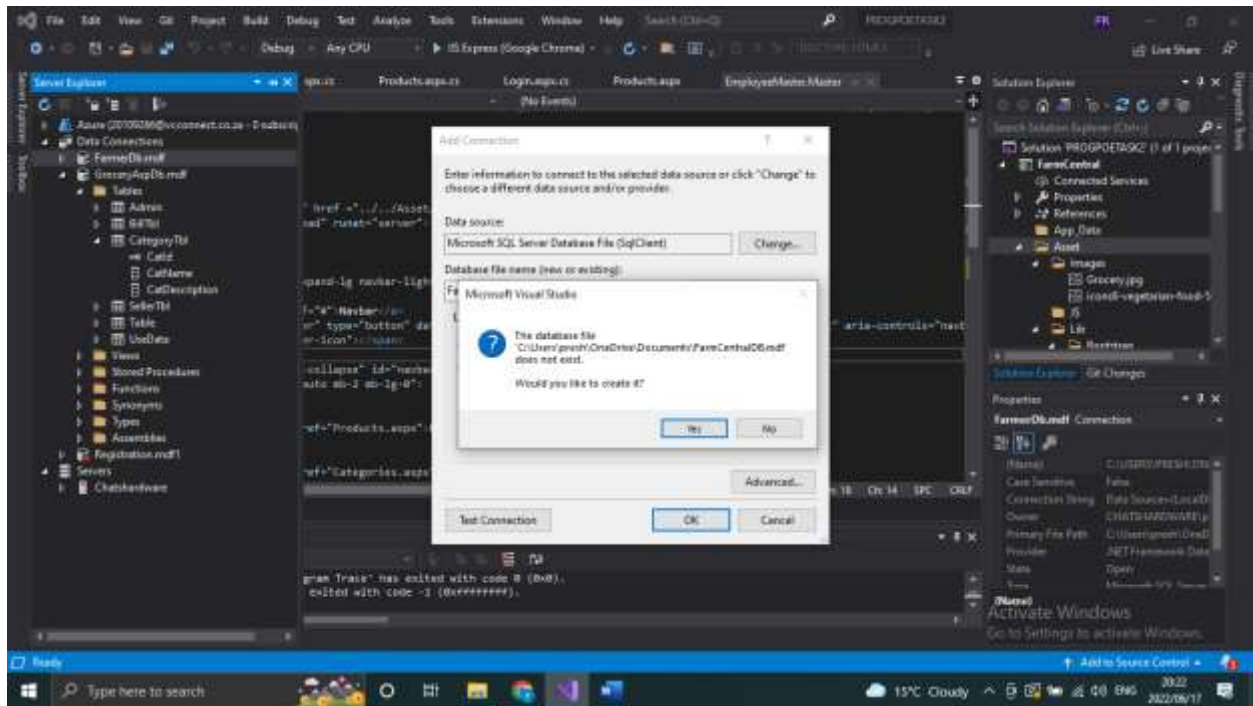
Click on tools on the top and then click connect to database.



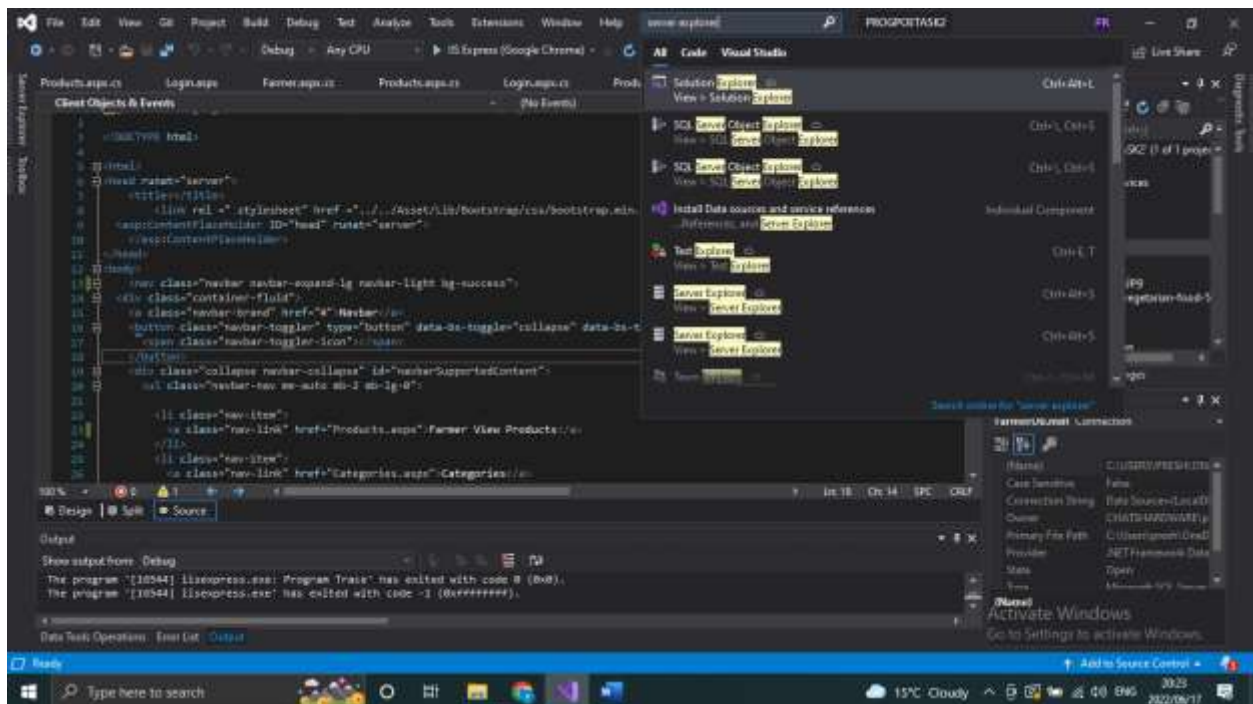
The data source must be Microsoft SQL Server Database File (SqlClient) then name the database file name as FarmCentralDB and click on ok.



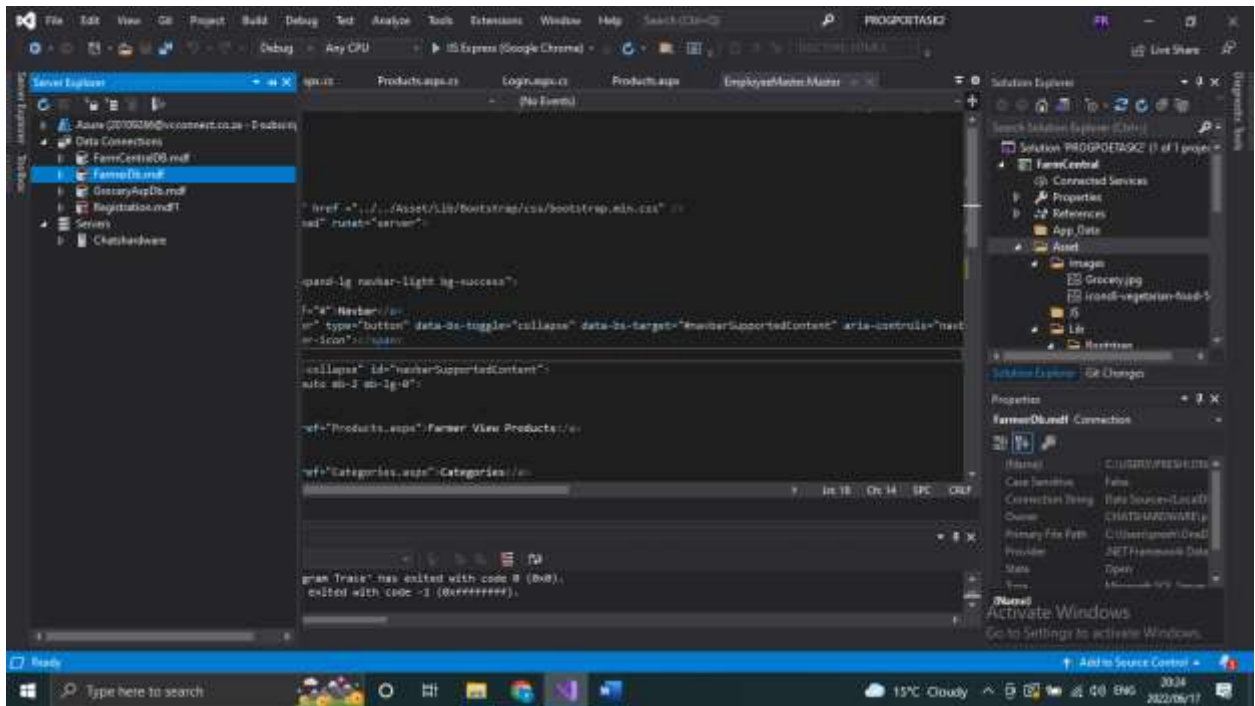
Then click on yes for it to automatically create a new database for you.



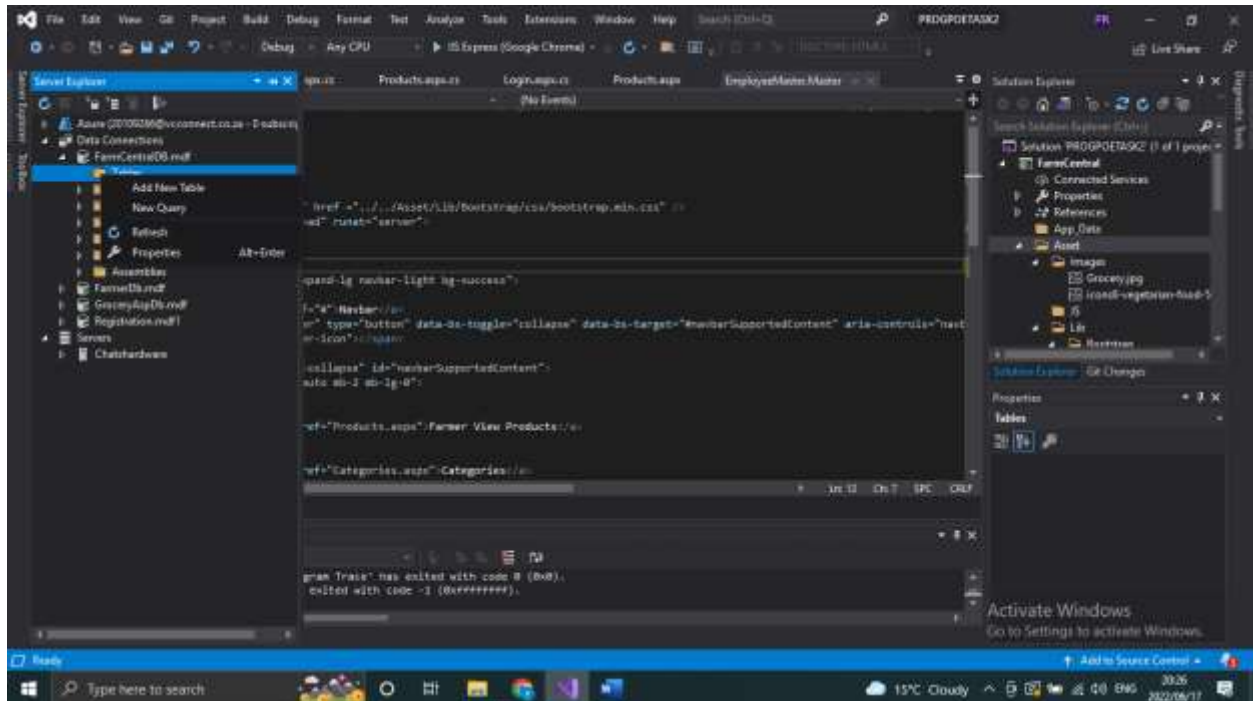
Then search for server explorer on the top and click on it



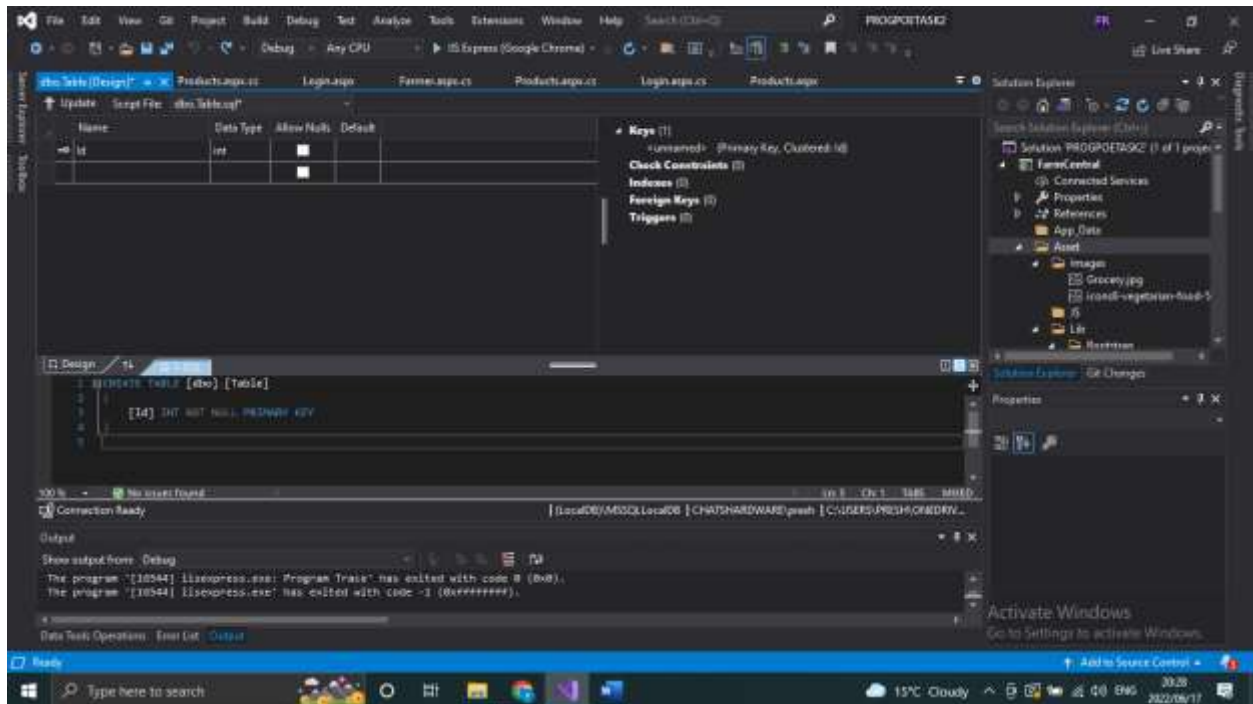
Now on your side you can see database FarmCentralDb.mdf



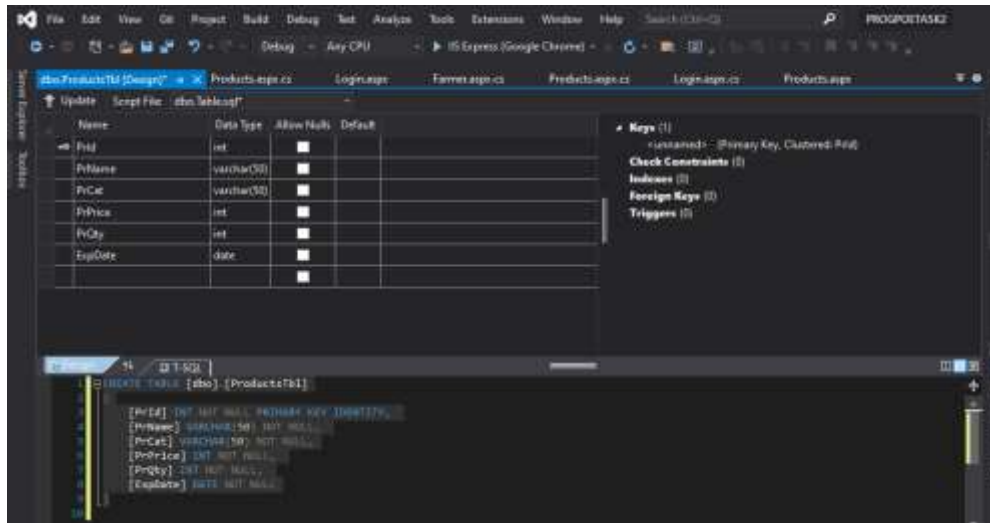
Click on the arrow. Then right click on tables and select add new table.



Now delete the code in the bottom

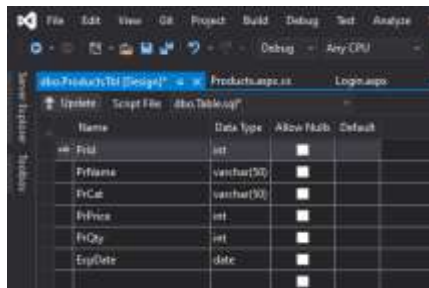


Then copy and paste the following code

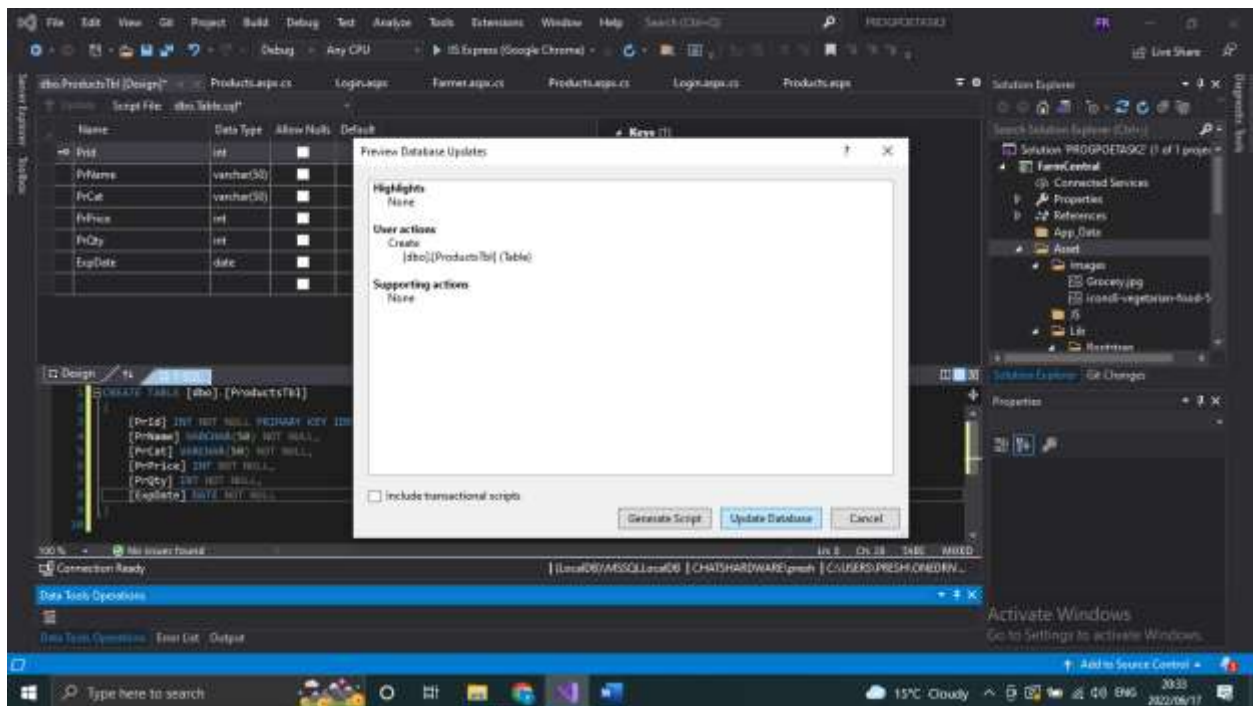


```
CREATE TABLE [dbo].[ProductsTbl]
(
    [PrId] INT NOT NULL PRIMARY KEY IDENTITY,
    [PrName] VARCHAR(50) NOT NULL,
    [PrCat] VARCHAR(50) NOT NULL,
    [PrPrice] INT NOT NULL,
    [PrQty] INT NOT NULL,
    [ExpDate] DATE NOT NULL
)
```

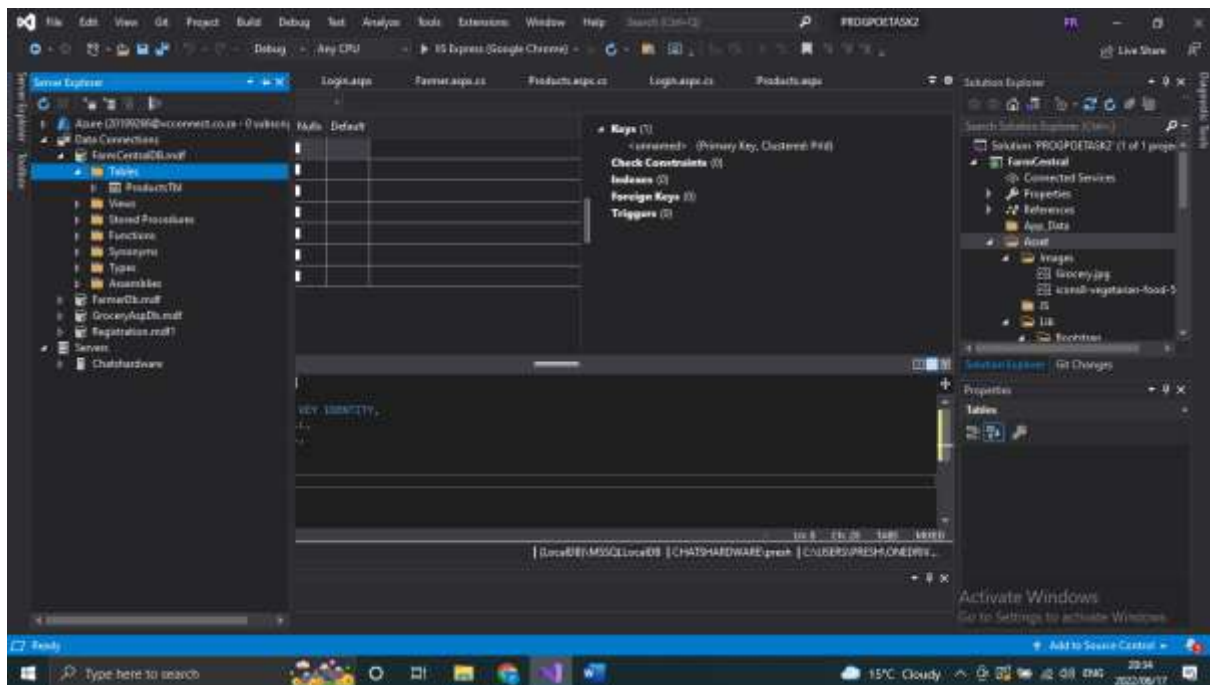

Then click update on the top right



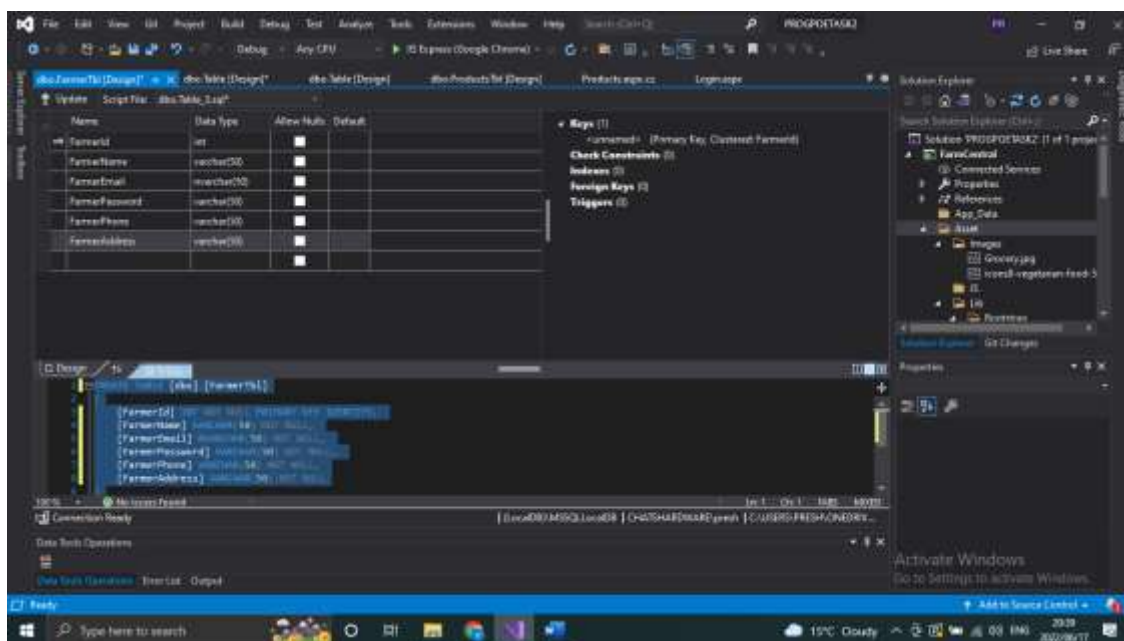
The click update database



Now when you refresh the database the products table is there



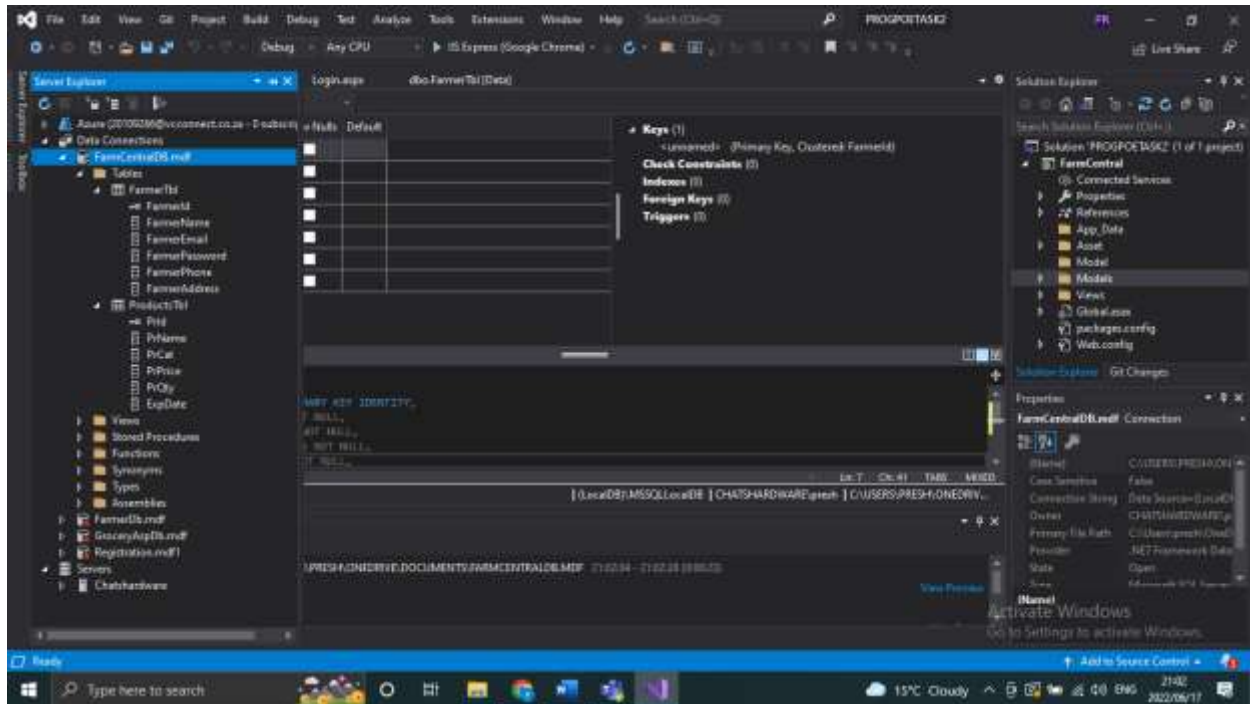
Now do the same process and add FarmerTbl



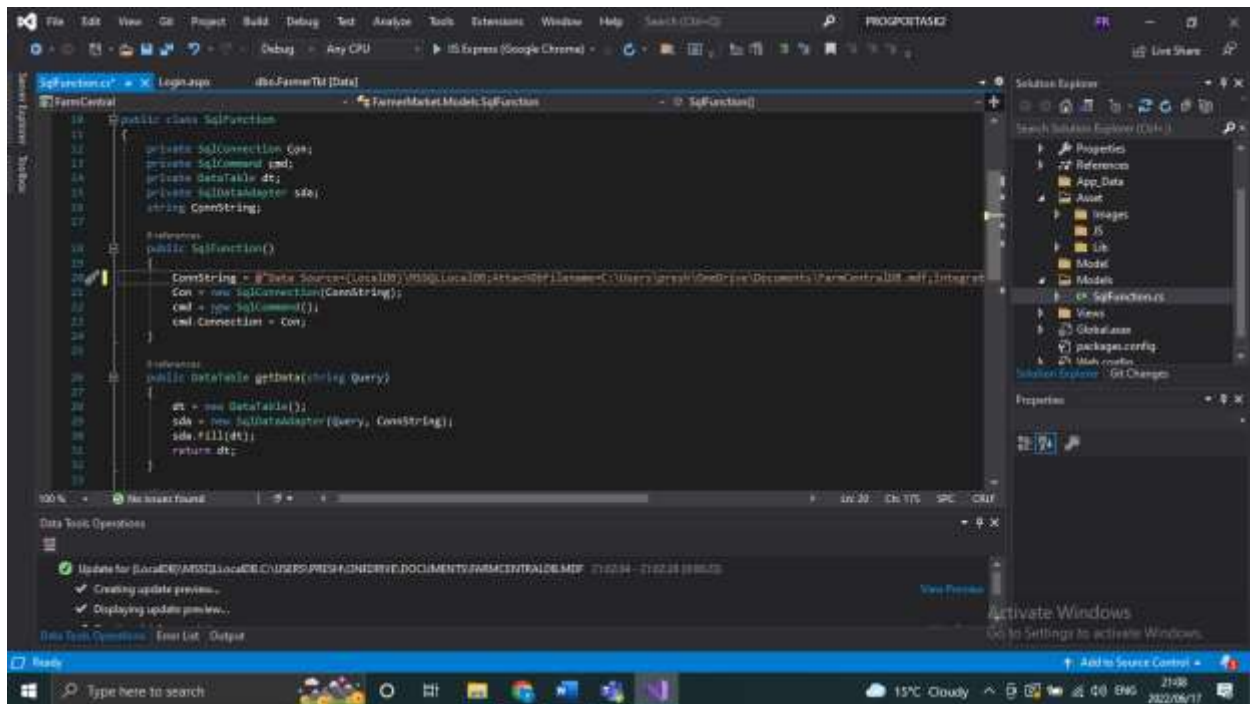
```
CREATE TABLE [dbo].[FarmerTbl]
(
    [FarmerId] INT NOT NULL PRIMARY KEY IDENTITY,
    [FarmerName] VARCHAR(50) NOT NULL,
    [FarmerEmail] NVARCHAR(50) NOT NULL,
    [FarmerPassword] VARCHAR(50) NOT NULL,
    [FarmerPhone] VARCHAR(50) NOT NULL,
    [FarmerAddress] VARCHAR(50) NOT NULL
)
```

And click update.

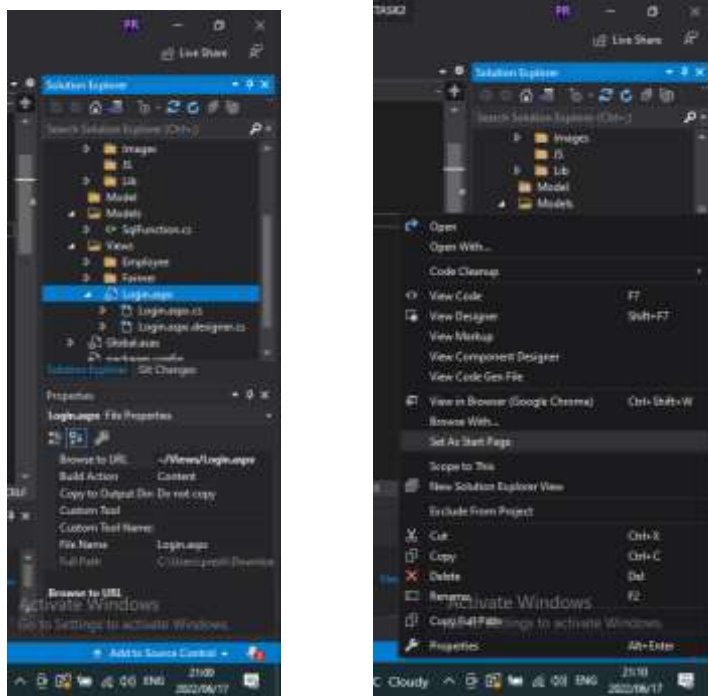
Now your tables are ready. Click on FarmCentralDB and then Copy the connection string on the bottom right.



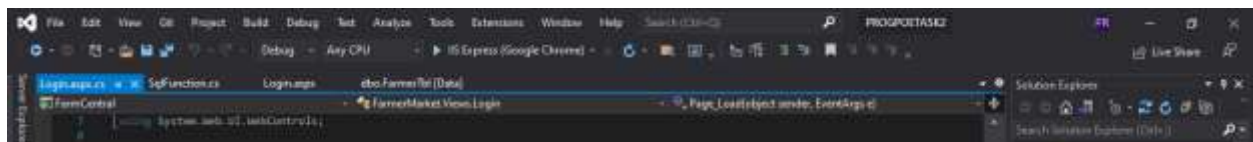
Now open the models folder and click on Sqlfunction.cs and paste the connection string by data source



Now right click on Login.aspx which is found under views and the click set as start page.



Now click on the green arrow on the top to run the application.



This will take you to the Login page. Please Login as an Employee first by clicking on the Employee Radio Button and then put the email address as Admin@gmail.com and password as Admin. Then click Login

Login

Email address

Admin@gmail.com

Password

Admin

☐ Farmer ☒ Employee

Login

Now you will be redirected straight to create new farmer page. Enter the following details in the boxes provided and then click on Save.

Navbar Farmer View Products Categories Farmer Employee View Products Logout

Details of Farmer

Farmer Name

Trent

Farmer Email

thill@gmail.com

Farmer Password

Farmer Phone

0838993456

Farmer Address

Durban

Edit Save Delete

Manage Farmers

	FarmerId	FarmerName	FarmerEmail	FarmerPassword	FarmerPhone	FarmerAddress
Select	2	TK	tk@gmail.com	12345	4366654777	Durban
Select	3	TKe	tk@gmail.com	123453	4366654777	Durban
Select	6	kiashan	kiashan@gmail.com	123	4366654773	Durban
Select	7	TKu	ryty@gmail.com	123	4366654777	nte

As you can see the details of the farmer that you have entered has been saved.

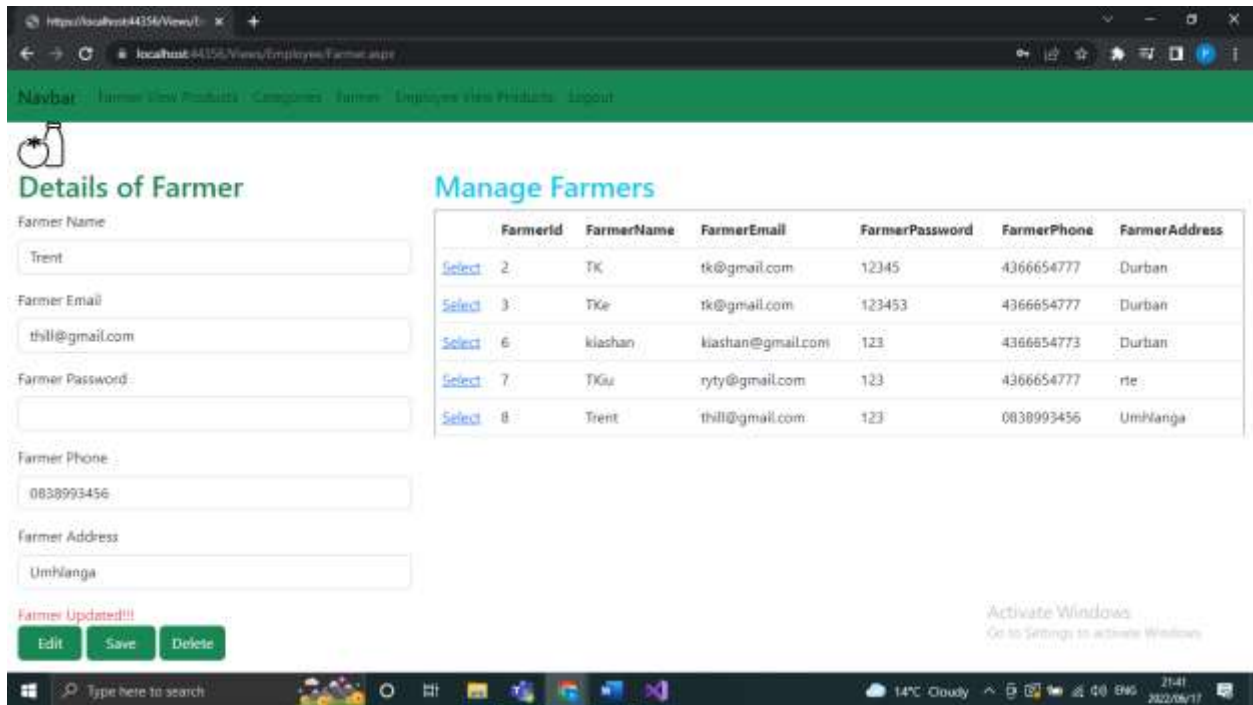
The screenshot shows a web application interface. On the left, the 'Details of Farmer' form has fields for Farmer Name (Trent), Farmer Email (thill@gmail.com), Farmer Password (empty), Farmer Phone (0838993456), and Farmer Address (Durban). Below these fields are 'Edit', 'Save', and 'Delete' buttons. A red message 'Farmer Added!!!' is displayed. On the right, the 'Manage Farmers' table lists six farmers with columns for FarmerId, FarmerName, FarmerEmail, FarmerPassword, FarmerPhone, and FarmerAddress. Each row has a 'Select' link on the left. The table data is as follows:

	FarmerId	FarmerName	FarmerEmail	FarmerPassword	FarmerPhone	FarmerAddress
Select	2	TK	tk@gmail.com	12345	4366654777	Durban
Select	3	TKe	tk@gmail.com	123453	4366654777	Durban
Select	6	klashan	klashan@gmail.com	123	4366654773	Durban
Select	7	TKGu	ryty@gmail.com	123	4366654777	rte
Select	8	Trent	thill@gmail.com	123	0838993456	Durban

Now to edit farmer remember to click on select on the left hand side of the table and then read the pass in the Farmer Password field and then choose what you want to edit and then click on edit.

This screenshot is similar to the previous one, but the 'Farmer Address' field in the 'Details of Farmer' form is now highlighted with a blue border and contains the text 'Umhlanga'. The 'Manage Farmers' table remains the same.

Now the Farmer Address has been edited.

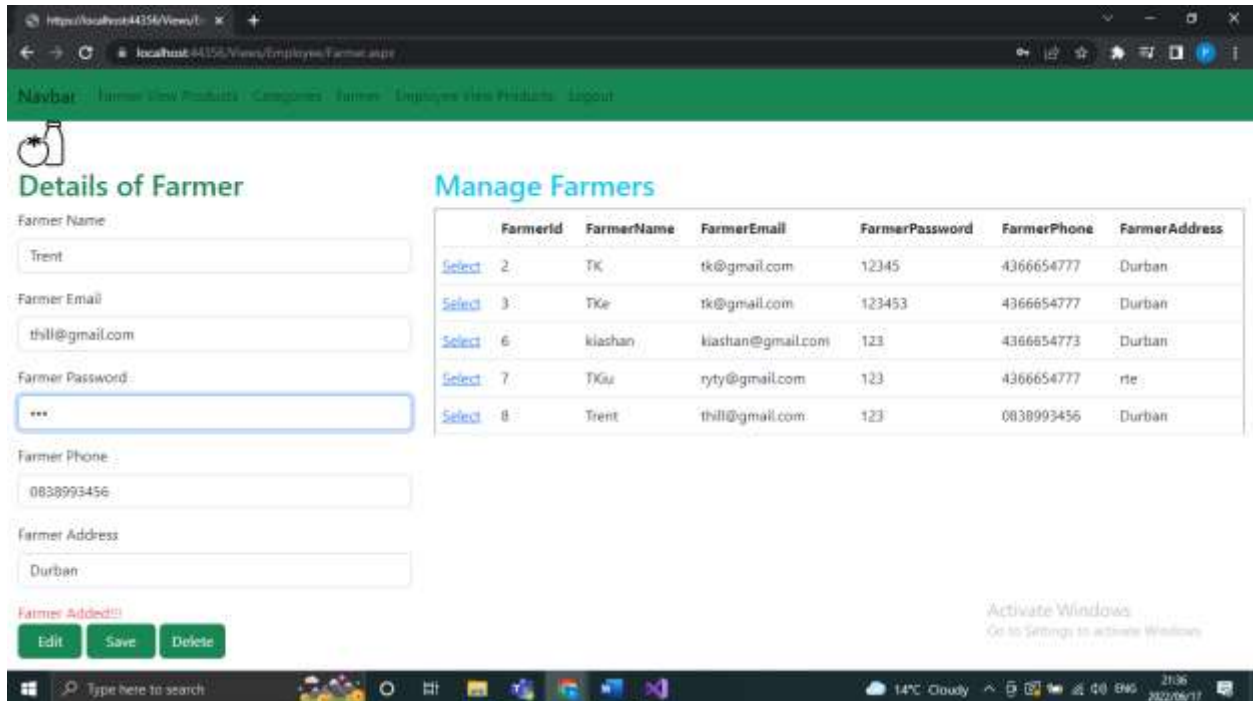


The screenshot shows a web application interface with a green navigation bar at the top containing links: 'Navbar', 'Farmer View Products', 'Categories', 'Farmer', 'Employee View Products', and 'Logout'. Below the navigation bar, there is a sidebar icon on the left. The main content area is divided into two sections. The left section, titled 'Details of Farmer', contains a form with the following fields: 'Farmer Name' (Trent), 'Farmer Email' (thll@gmail.com), 'Farmer Password' (empty), 'Farmer Phone' (0838993456), and 'Farmer Address' (Umhlanga). Below the form, there is a red message 'Farmer Updated!!!' and three buttons: 'Edit', 'Save', and 'Delete'. The right section, titled 'Manage Farmers', contains a table with the following data:

	FarmerId	FarmerName	FarmerEmail	FarmerPassword	FarmerPhone	FarmerAddress
Select	2	TK	tk@gmail.com	12345	4366654777	Durban
Select	3	TKe	tk@gmail.com	123453	4366654777	Durban
Select	6	kiashan	kiashan@gmail.com	123	4366654773	Durban
Select	7	TKu	ryty@gmail.com	123	4366654777	nte
Select	8	Trent	thll@gmail.com	123	0838993456	Umhlanga

At the bottom of the page, there is a Windows taskbar showing the search bar, taskbar icons, system tray with weather (14°C Cloudy), and date/time (21:41 2022/04/17).

In order to delete farmer , readd the password and then click on delete .



The screenshot shows the same web application interface as the previous one. In the 'Details of Farmer' form, the 'Farmer Password' field is now filled with asterisks (***). The 'Farmer Address' field has been updated to 'Durban'. Below the form, there is a red message 'Farmer Added!!!' and the same three buttons: 'Edit', 'Save', and 'Delete'. The 'Manage Farmers' table remains the same as in the previous screenshot.

Now farmer has been deleted.

The screenshot shows a web application interface for managing farmers. The top navigation bar includes links for 'Navbar', 'Farmer View Products', 'Categories', 'Farmer', 'Employee view Products', and 'Logout'. The main content area is divided into two sections: 'Details of Farmer' on the left and 'Manage Farmers' on the right.

Details of Farmer

Farmer Name: Trent

Farmer Email: thli@gmail.com

Farmer Password:

Farmer Phone: 0838993456

Farmer Address: Umhlanga

Farmer Deleted! Edit Save Delete

Manage Farmers

	FarmerId	FarmerName	FarmerEmail	FarmerPassword	FarmerPhone	FarmerAddress
Select	2	TK	tk@gmail.com	12345	4366654777	Durban
Select	3	TKe	tk@gmail.com	123453	4366654777	Durban
Select	6	klashan	klashan@gmail.com	123	4366654773	Durban
Select	7	TKu	ryty@gmail.com	123	4366654777	nte

Windows taskbar at the bottom shows the date as 2022/06/17 and time as 21:43.

Now click on Employee View Products

The screenshot shows a web application interface for viewing products. The top navigation bar includes links for 'Navbar', 'Farmer View Products', 'Categories', 'Farmer', 'Employee view Products', and 'Logout'. The main content area is divided into two sections: 'Details of Product' on the left and 'Hello Farmer! Here Is Your Products' on the right.

Details of Product

Product Name:

Product Category:

Product Price:

Product Quantity:

Expiration Date: yyyy/mm/dd

Save

Hello Farmer! Here Is Your Products

	PrId	PrName	PrCat	PrPrice	PrQty	ExpDate
Select	1	Banana	Fruit	25	11	2022/06/29 00:00:00
Select	3	Banana	Fruit	25	6	2022/06/23 00:00:00
Select	4	Tomatoe	Veg	1	3	2022/06/24 00:00:00

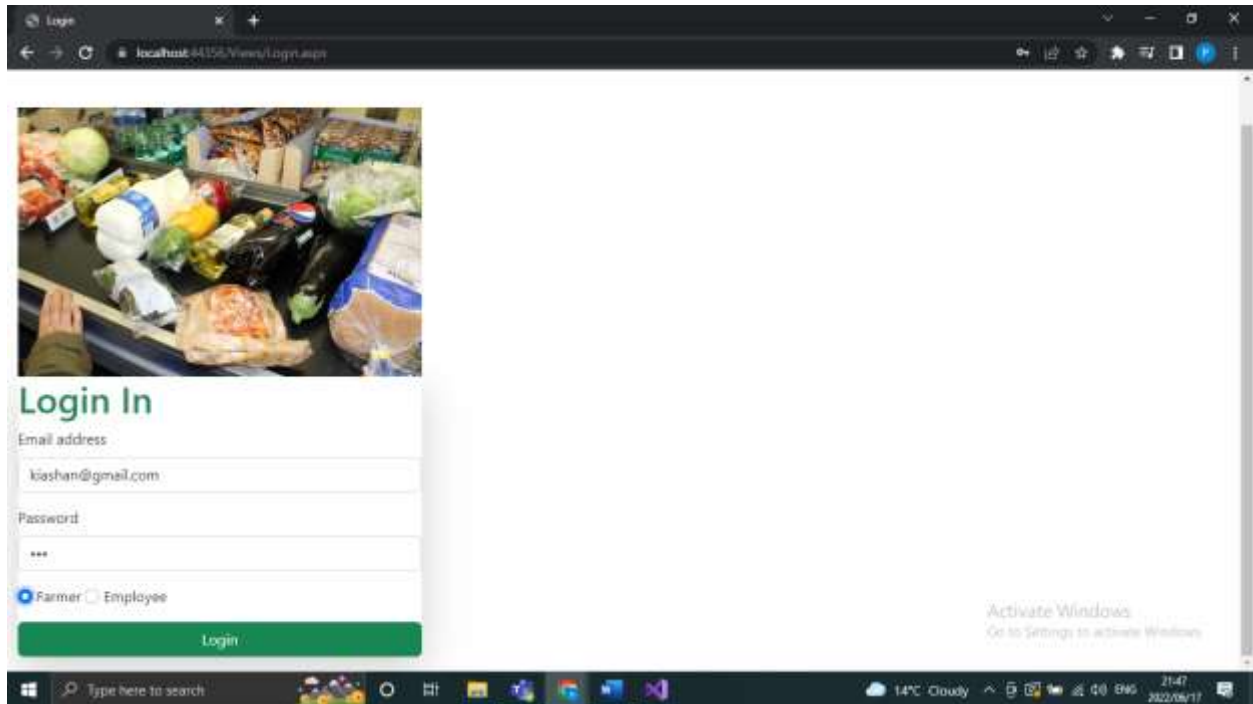
Windows taskbar at the bottom shows the date as 2022/06/17 and time as 21:44.

You will be able to see all the products the employee has added.

Now click on logout on the top right.

Now use any email and password that was on the database or one that you have recently created, from the data that has been created. Your email and password will be the one you have created. Now select farmer and click login.

In this case my password is 123 and my email is kiashan@gmail.com



You will now be directed to add product page

Now enter the following fields and click on save

https://localhost:44356/View/...
localhost:44356/View/EmployeeProducts.aspx

Navbar: [Farmer View Products](#) | [Categories](#) | [Farmer](#) | [Employee View Products](#) | [Logout](#)

Details of Product

Product Name:

Product Category:

Product Price:

Product Quantity:

Expiration Date:

[Save](#)

Hello Farmer! Here Is Your Products

	Prid	PrName	PrCat	PrPrice	PrQty	ExpDate
Select	1	Banana	Fruit	25	11	2022/06/29 00:00:00
Select	3	Banana	Fruit	25	6	2022/06/23 00:00:00
Select	4	Tomatoe	Veg	1	3	2022/06/24 00:00:00

Activate Windows
Go to Settings to activate Windows

Type here to search | 14°C Cloudy | 21:49 | 2022/06/17

The product has been saved.

https://localhost:44356/View/...
localhost:44356/View/EmployeeProducts.aspx

Navbar: [Farmer View Products](#) | [Categories](#) | [Farmer](#) | [Employee View Products](#) | [Logout](#)

Details of Product

Product Name:

Product Category:

Product Price:

Product Quantity:

Expiration Date:

Farmer Added!!!

[Save](#)

Hello Farmer! Here Is Your Products

	Prid	PrName	PrCat	PrPrice	PrQty	ExpDate
Select	1	Banana	Fruit	25	11	2022/06/29 00:00:00
Select	3	Banana	Fruit	25	6	2022/06/23 00:00:00
Select	4	Tomatoe	Veg	1	3	2022/06/24 00:00:00
Select	5	Milk	Diary	120	6	2022/06/29 00:00:00

Activate Windows
Go to Settings to activate Windows

Type here to search | 14°C Cloudy | 21:52 | 2022/06/17

Now you can click on logout.-----

Please note : App was submitted before 9PM but I didn't know how to push to git. My Apologies

