

ST10116374

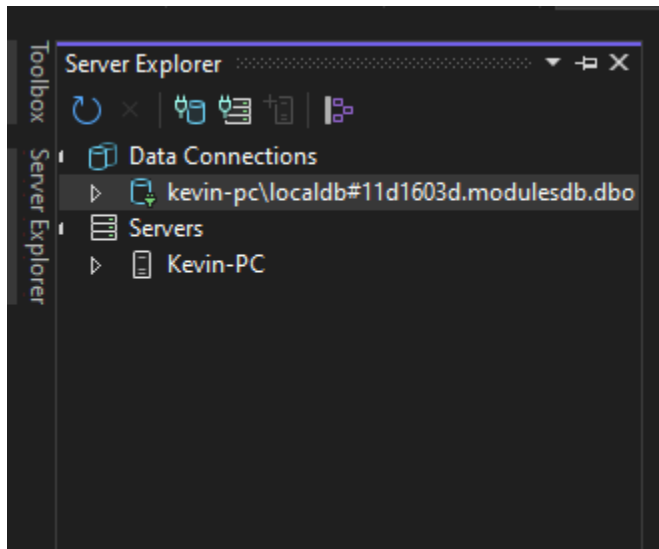
PROG7311 POE

Readme

The video for the demo link is: <https://youtu.be/dj25vrSJQjA> sorry for no sound the virtual machine wouldn't use my mic and the quality is bad because my laptop and internet are not the best.

To open the program, you can use Visual Studio use the "Green arrow and start button" or open "ST10116374_PROG7311_POE.sln" can also be done using visual studio. Once open in visual studio you will need to make sure that your database is connected to a SQL server to do this go to the top left under view than server explorer this page will pop up:

All SQL scripts are in the same folder as this file



Hit the button that says “connect to databases” it looks like a cylinder with a power plug, then this page will pop up

Add Connection

Enter information to connect to the selected data source or click "Change" to choose a different data source and/or provider.

Data source:
Microsoft SQL Server (SqlClient) Change...

Server name:
(localdb)\MSSqlLocalDb Refresh

Log on to the server
Authentication: Windows Authentication
User name:
Password:
☐ Save my password

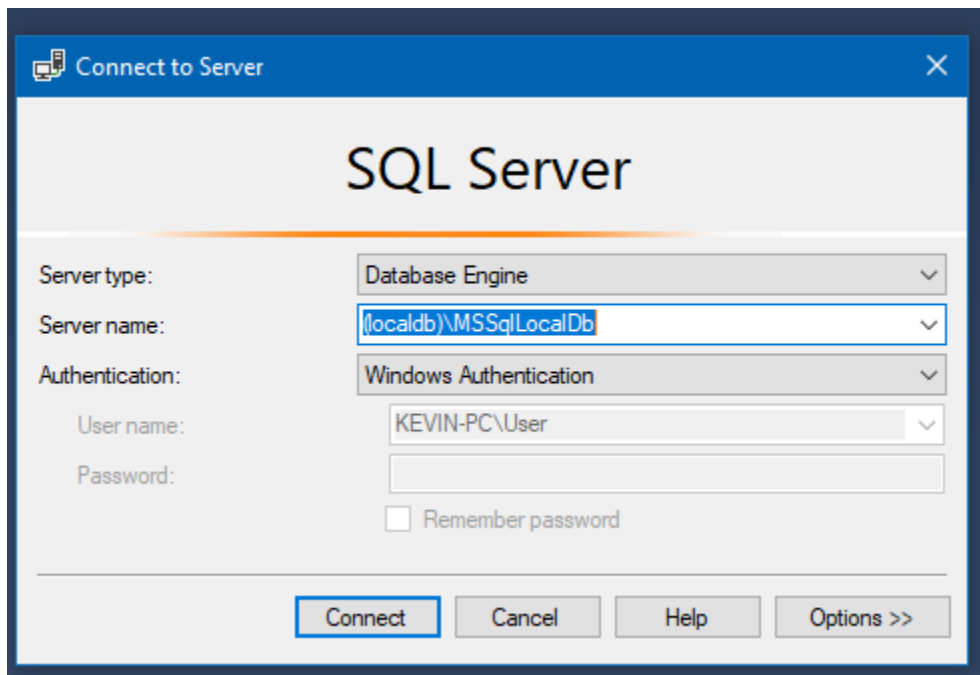
Connect to a database
☒ Select or enter a database name:
modulesdb
☐ Attach a database file:
 Browse...
Logical name:

Advanced...

Test Connection OK Cancel

Fill server name with the server you connect to in SQL Server Management Studio and under “select or enter a database name” enter the databases that you will need mine was called “FarmDB”

This is where you can find the server you're connecting to

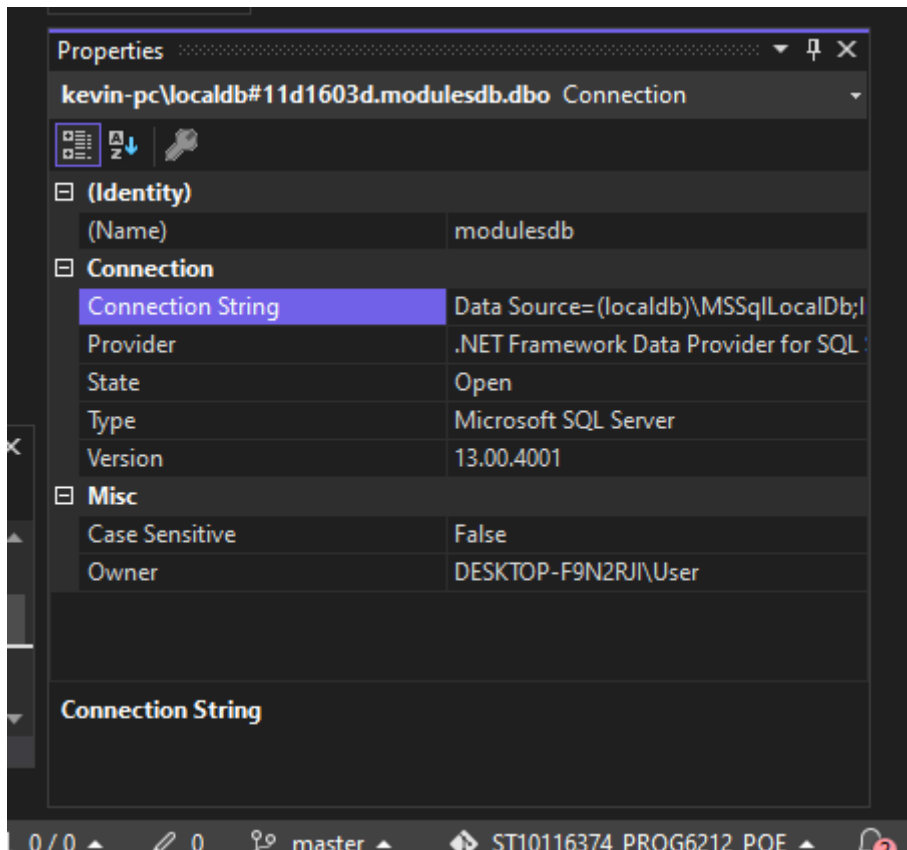


The screenshot shows the 'Connect to Server' dialog box with the title 'SQL Server'. The 'Server type' is set to 'Database Engine'. The 'Server name' is '(localdb)\MSSqlLocalDb'. The 'Authentication' is set to 'Windows Authentication'. The 'User name' is 'KEVIN-PC\User'. The 'Password' field is empty, and the 'Remember password' checkbox is unchecked. The 'Connect' button is highlighted with a blue border.

Server type:	Database Engine
Server name:	(localdb)\MSSqlLocalDb
Authentication:	Windows Authentication
User name:	KEVIN-PC\User
Password:	
<input type="checkbox"/> Remember password	
Connect Cancel Help Options >>	

Once you have connected the server connection will appear under "Database Connections"

Then you will need to change the connection string to your local database you find in at the bottom right in visual studio if you click your database connection

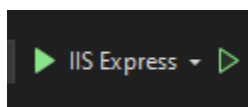


Copy the connection string and past it in the needed connectionString in the project file they look like this:

```
string connectionString = "Data Source=(localdb)\MSSQLLocalDb;Initial Catalog=modulesdb;Integrated Security=True";
```

There is one in Login_Employee.cshtml, Login_Farmer.cshtml, all index. Cshtml, Delete. Cshtml, create. Cshtml and NewFarmer. cshtml

Once you have done that and you used the same database name and tables the app should be able to read and write to the database. All that left is to press this button and the app will start how to use the app will be covered in the user manual.



User manual

This program demo was made so that farmer could log in their product that they have made or have, this is just a demo so must feature will be working in progress.

Login

There are two login one for the employee who will create the login for the farmer, for the moment the employee will have to have a already existing profile on the SQL database because registering will create a data breach problem if anything would happen.

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Welcome

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Login Employee

Login Farmer

Login for employees is Name: Kevin Password: 2222

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Login

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Name

Kevin

Password

2222

Login

Then you will be on the farmer and product page here you can see all product that famers have uploaded and the famer profile with their passwords and ID if you click create new famer you can create a new famer profile that you can use to login with.

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List of Porducts

ID	Farmer	Name	Type
1	Mike	Cow	Meat
3	Mike	Sheep	Wool
4	John	Cattle	Meat

List of Farmers

New Farmers

ID	Name	Password
1	Mike	1111
3	John	3333

One the new famer page you can insert the passwords and username for famers ID is self-generated than click submit to create it than cancel to return to the Farmers and product page.

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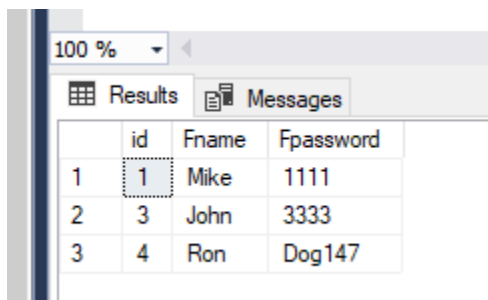
New Set Day

Name	<input type="text" value="Ron"/>
Password	<input type="text" value="Dog147"/>
	<input type="button" value="Sumbit"/> <input type="button" value="Cancel"/>

Succes message once done

New Farmer Added Successfully

Famer now on database



	id	Fname	Fpassword
1	1	Mike	1111
2	3	John	3333
3	4	Ron	Dog147

With the farmer login use the newly generated Profile to login same as the Employee login

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Login

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Name

Password

Now on the product page farmer can only see product it's still in progress of being polished, so farmers can see all other farmers' product. The delete button will remove the product from the database and website and the new product button will let you create a new product.

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List of Porducts

ID	Farmer	Name	Type	
1	Mike	Cow	Meat	<input type="button" value="Delete"/>
3	Mike	Sheep	Wool	<input type="button" value="Delete"/>
4	John	Cattle	Meat	<input type="button" value="Delete"/>

The create page will let farmer fill in their product first with their name, the product name and what type of product it is, click cancel to return to the product page.

New Set Day

Farmers Name

Name

Type

This is the success messages

New Product Added Successfully

The product now on the website and databases

List of Porducts

New Product

ID	Farmer	Name	Type	
1	Mike	Cow	Meat	Delete
3	Mike	Sheep	Wool	Delete
4	John	Cattle	Meat	Delete
5	Ron	Birds	Pet	Delete

100 %

ResultsMessages

	idp	Famers_Name	name	type
1	1	Mike	Cow	Meat
2	3	Mike	Sheep	Wool
3	4	John	Cattle	Meat
4	5	Ron	Birds	Pet

Requirements

Software: Visual studios and SQL Server Management Studio

Operating Systems:

Windows 7 SP1 and later

Windows 8.1

Windows 10 Version 1607 and later

Windows Server 2008 R2 SP1 (Full Server or Server Core)

Windows Server 2012 SP1 (Full Server or Server Core)

Windows Server 2012 R2 (Full Server or Server Core)

Windows Server 2016 (Full Server, Server Core, or Nano Server)

Mac OS X 10.11, 10.12*

Red Hat Enterprise Linux 7

Ubuntu 14.04, 16.04, 17

Hardware Environment

Processor: x86 or x64

RAM : 512 MB (minimum), 1 GB (recommended)

Hard disc: up to 3 GB of free space may be required

Development Environment

Microsoft Visual Studio 2015 Update 3 (minimum) , 2017 version latest (15.6.4), 2019, 2022.

.NET Framework : Minimum .NET 4.5.1 upto .NET 4.7 .

Command Line (Optional. Necessary for command line deployment)

Visual Studio Code (optional text-editor)

SQL Server 2008 Express (optional)

.NET Core 3.1

Browser support

ChromeFirefox

Opera

Edge

IE

Safari

iOS

Chrome

Android

Windows Mobile

Reference/Code attribution

Create ASP.NET Core Web Application with SQL Server Database Connection and CRUD Operations, 2022. YouTube video, added by BoostMyTool. [Online]. Available at: https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK_4s-5HVFrqQYf9k4&index=15&t=708s [Accessed 28 November 2022]