

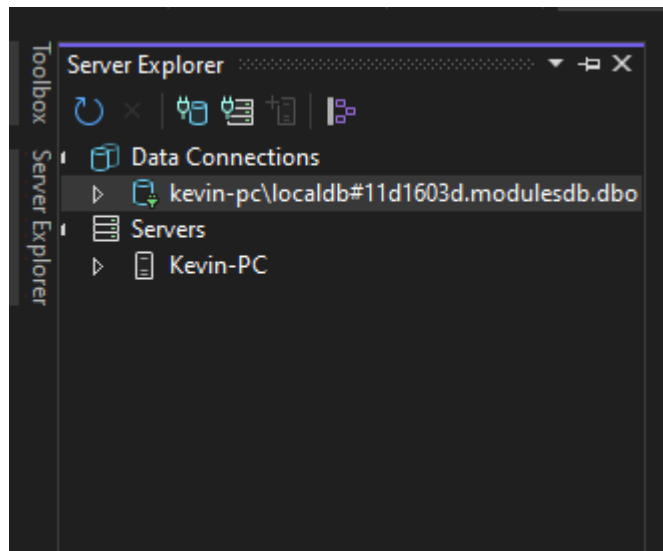
**ST10116374**

**PROG6212**

**POE Readme**

To open the program you can use Visual Studio use the "Green arrow and start button" or open "ST10116374\_PROG6212\_POE\_part1.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, backup and bacpac will be in the same folder as this file



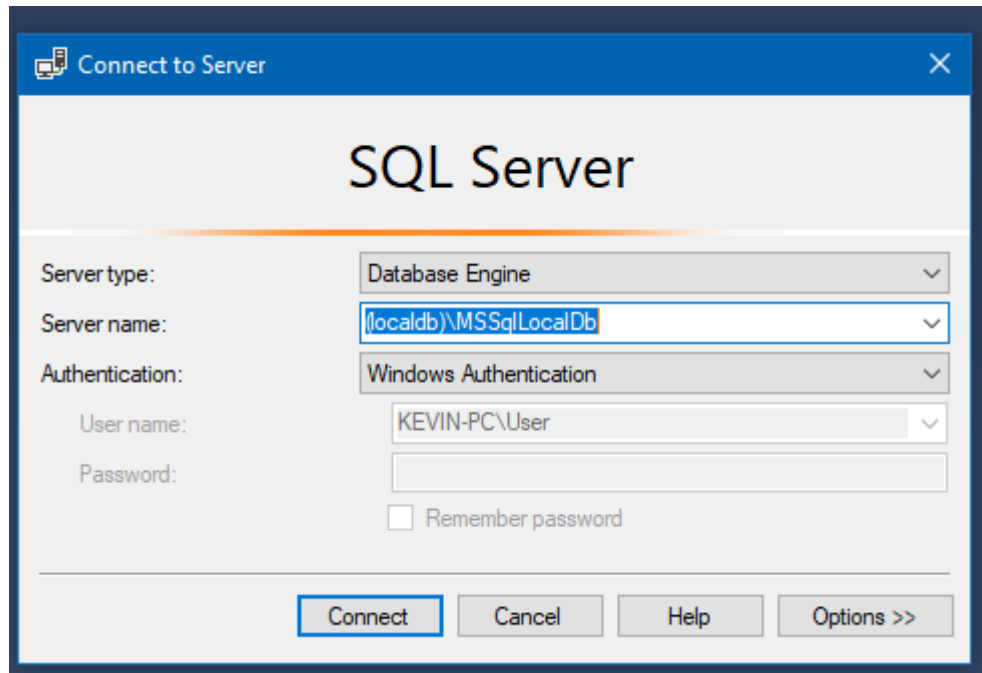
Hit the button that says “connect to databases” it looks like a cylinder with a power plug, than this page will pop up

The screenshot shows the 'Add Connection' dialog box with the following details:

- 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: [ ]
- Buttons:** Test Connection, OK (highlighted), Cancel, Advanced...

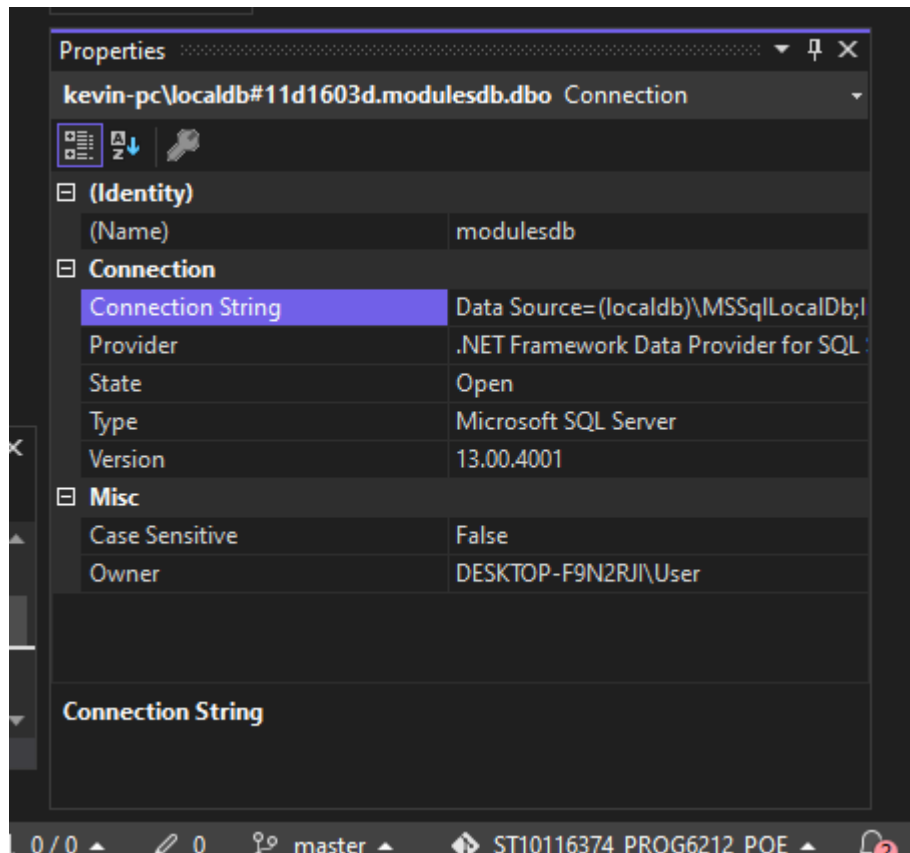
Fill server name with the server you connect to in SQL Server Management Studio and also under “select or enter a database name” enter the databases that you will need mine was calle” modulesdb”

This is where you can find the server your connecting to



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

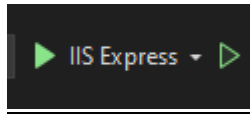


Copy the connection string and past it in the needed connectionString in the project file they look like this:

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

There is one in login.cshtml.cs, Register.cshtml.cs, Setday.cshtml.cs, edit.cshtml.cs, create.cshtml.cs, delete.cshtml, deletesetday.cshtml and Index.cshtml.cs

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.



## **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-5HVFrgQYf9k4&index=15&t=708s](https://www.youtube.com/watch?v=T-e554Zt3n4&list=PLYq-lrm5DI8956-oK_4s-5HVFrgQYf9k4&index=15&t=708s) [Accessed 28 November 2022]