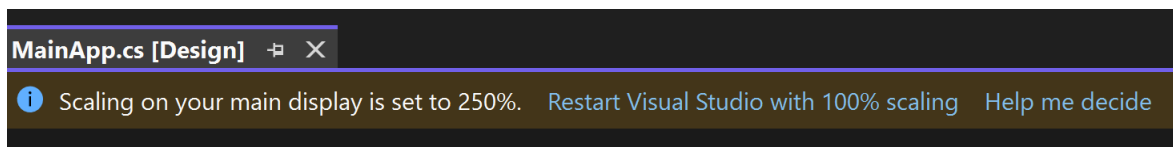


Readme

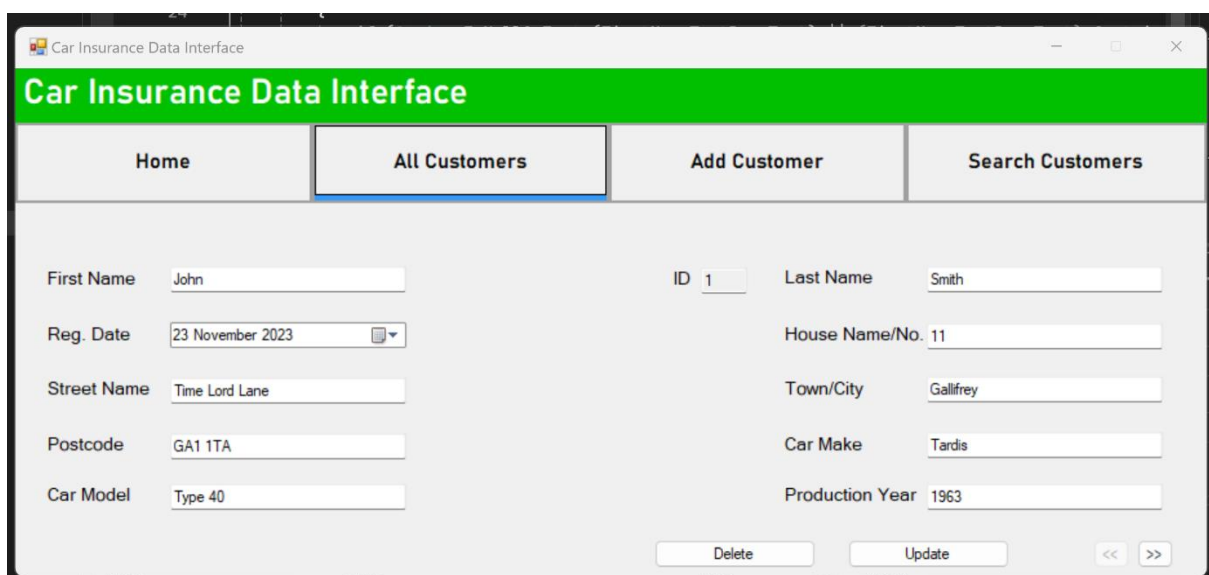
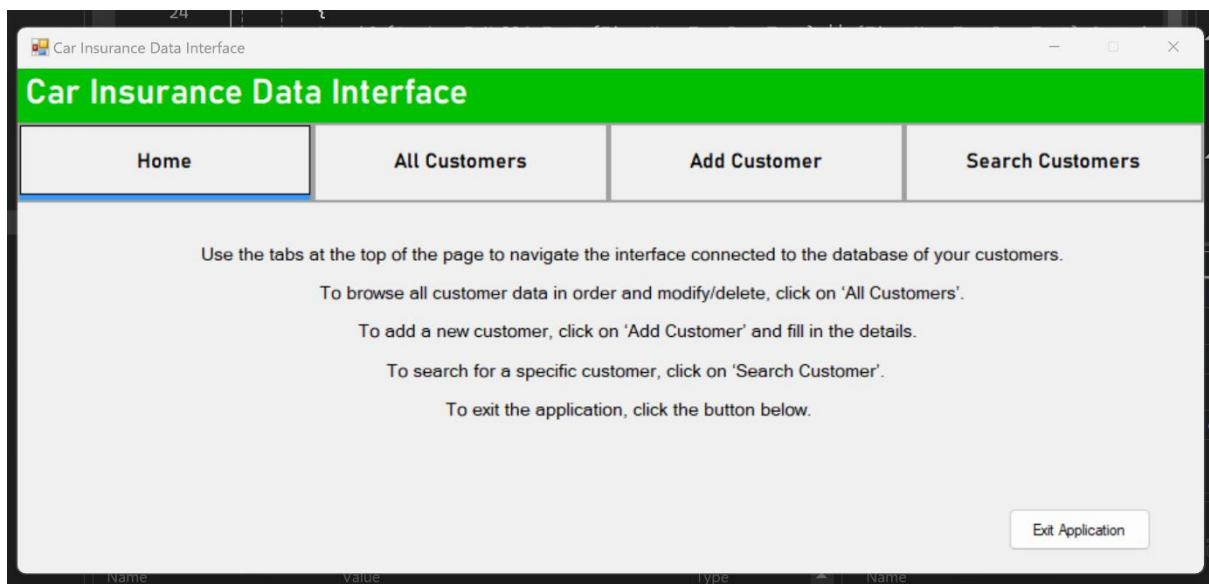
WARNING: There may be problems connecting to Azure's MySQL server when using the eduroam network. Please use an alternative network if you are having any difficulties connecting to the server.

This document will provide instructions to set up the application for testing.

Due to a fundamental scalability issue with the Windows Forms development environment, you may need to adjust the width of the window in the 'MainApp.cs (Design)' tab. This is only required if the screen looks 'squashed' or if you see this message on Visual Studio:



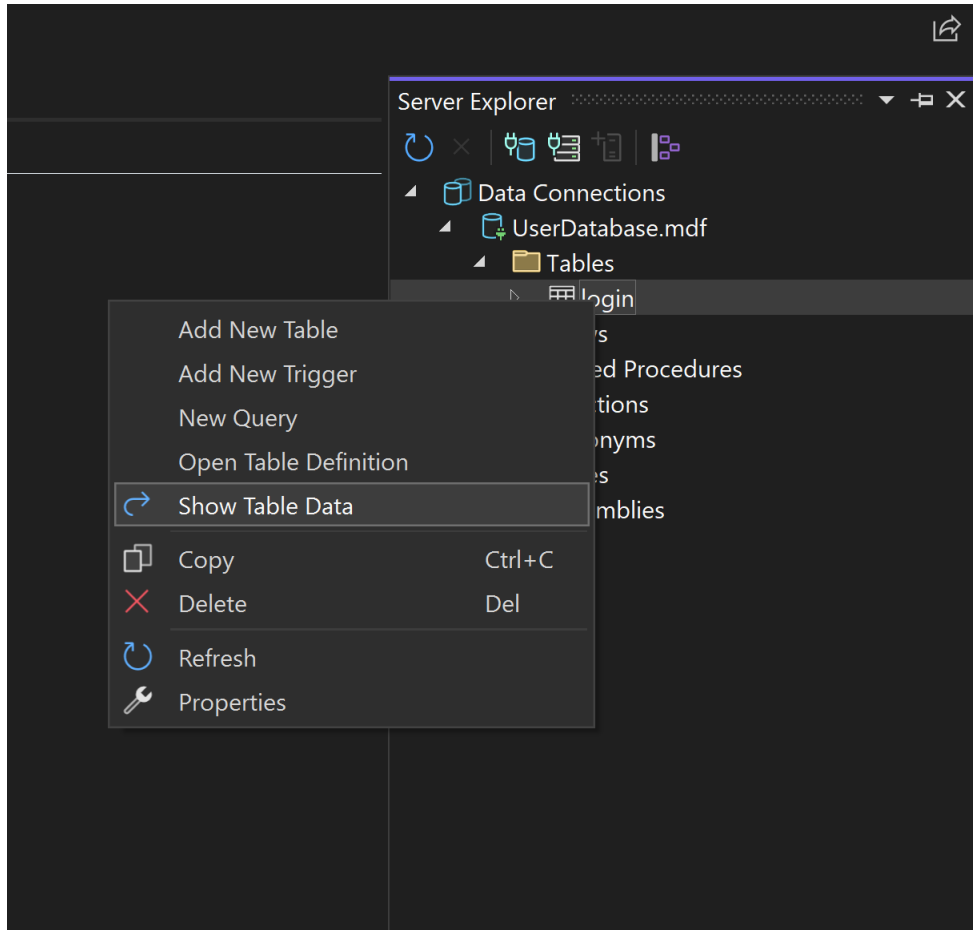
The application should look like this:



This is only for testing purposes as the application will not need to have any properties changed after deployment.

Instructions to create a user for testing

1. In Server Explorer, expand Data Connections and then expand UserDatabase.mdf. Expand Tables and right-click on the 'login' table. Click on 'Show Table Data'.



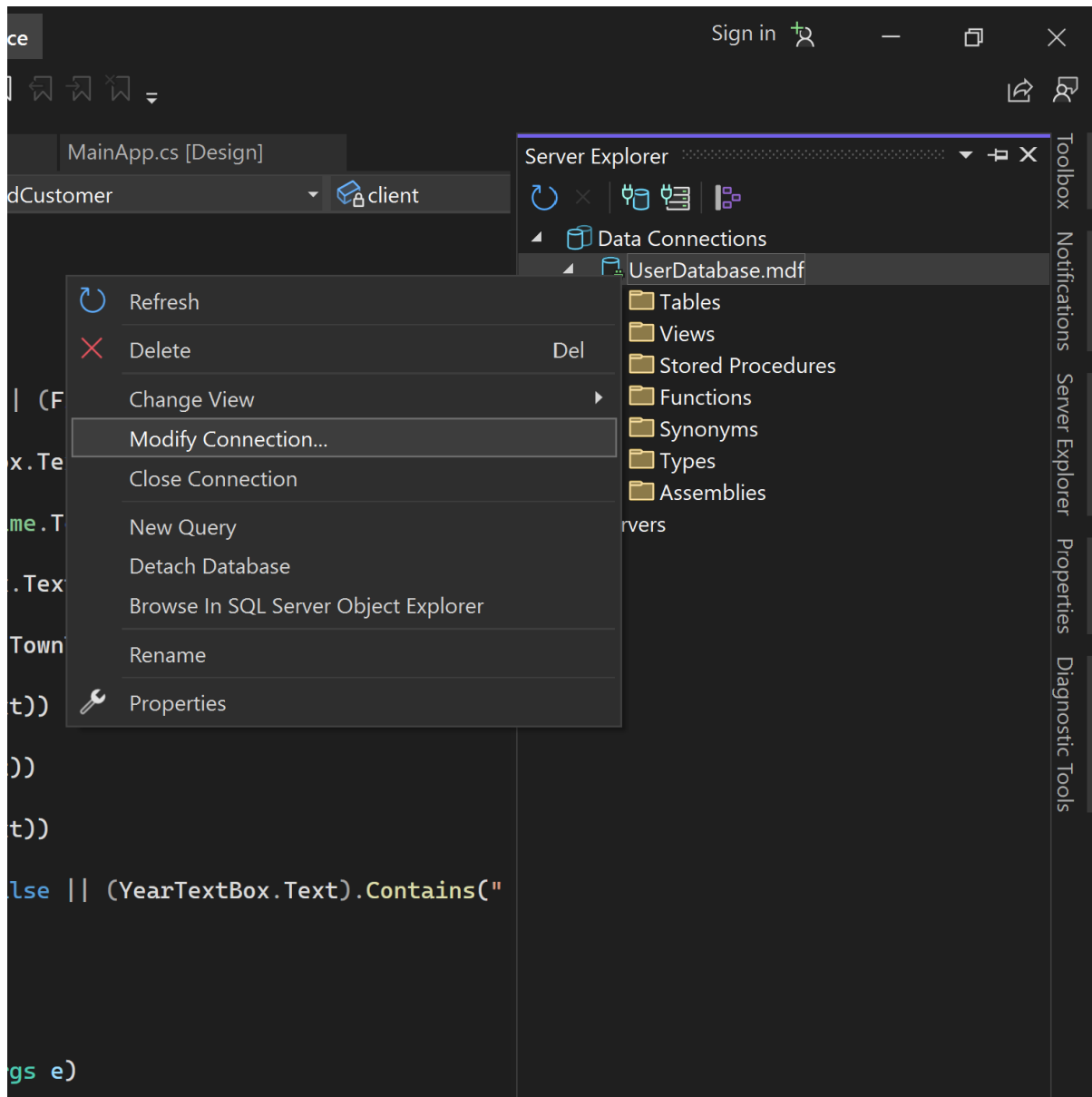
2. Add a username and password in a new row and save the table. You can now login using these details.

dbo.login [Data]			
MainApp.cs [Design]			
	Id	username	password
	1	adminvin	Admin123
	NULL	NULL	NULL

Further information if required

If the directory for the local database file with login credentials is not found and has to be changed, please follow the following instructions:

1. In the Server Explorer (View >> Other Windows), expand 'Data Connections' and right-click on UserDataBase.mdf. Click on 'Modify Connection...'



2. Click on 'Advanced'.

Modify 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 Database File (SqlClient) Change...

Database file name (new or existing):
University UoL\September 2023\CO7215 Advan Browse...

Log on to the server

☒ Use Windows Authentication
☐ Use SQL Server Authentication

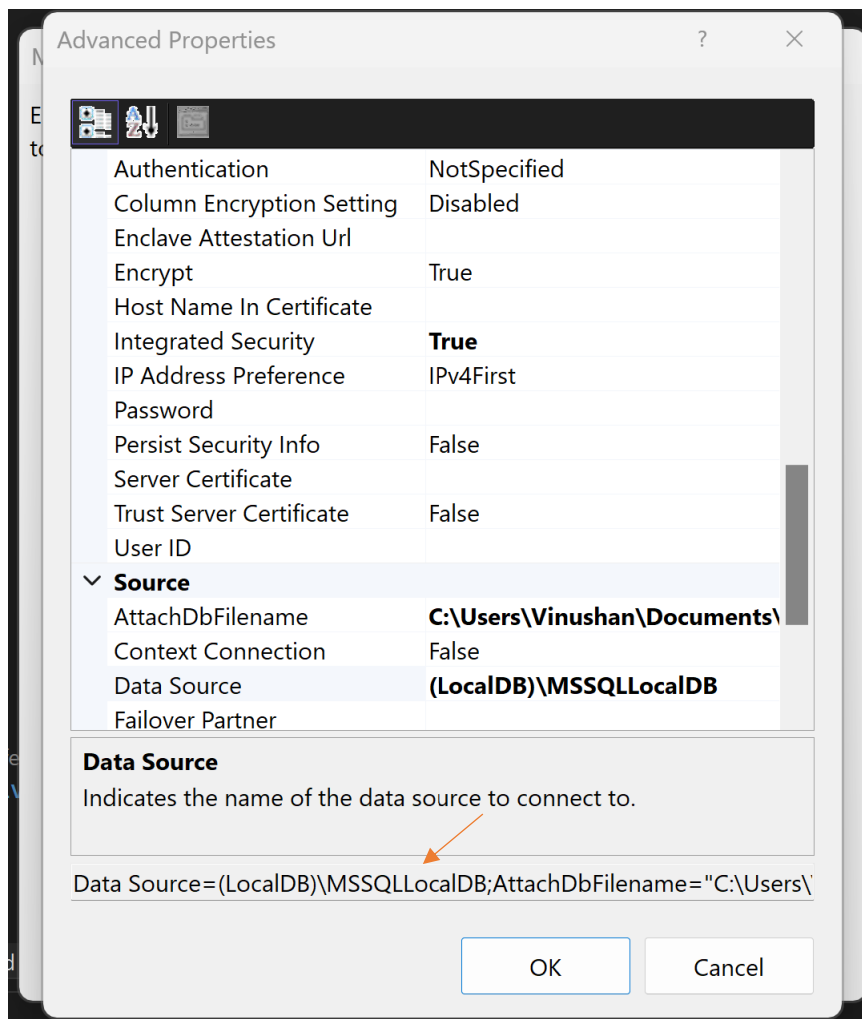
User name:
Password:

☐ Save my password

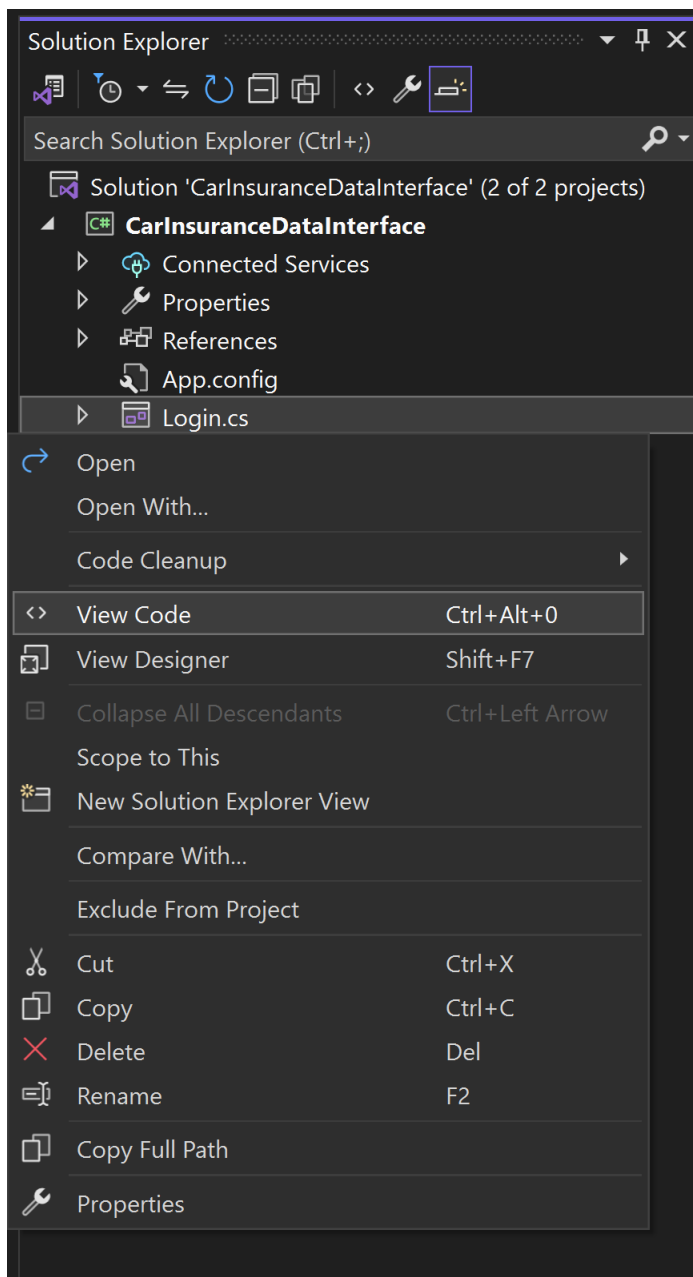
Advanced...

Test Connection OK Cancel

3. Copy the Data Source line at the bottom of the window.



4. In the Solution Explorer, right-click on 'Login.cs' and click on 'View Code'.



5. Replace the contents of 'connectionString' on line 25 with the Data Source line that was copied in the previous step.

```
Login.cs UC_AddCustomer.cs UC_AllCustomers.cs UC_SearchCustomers.cs Service1.cs MainApp.cs [Design]
CarInsuranceDataInterface CarInsuranceDataInterface.Login Login_Load(object sender, EventArgs e)
13 namespace CarInsuranceDataInterface
14 {
15     3 references
16     public partial class Login : Form
17     {
18         private string connectionString;
19         1 reference
20         public Login()
21         {
22             InitializeComponent();
23         }
24
25         1 reference
26         private void Login_Load(object sender, EventArgs e)
27         {
28             connectionString = "Data Source=(LocalDB)\\MSSQLLocalDB;AttachDbFilename=\\\"C:\\Users\\Vinushan\\OneDrive - University of
29
30         1 reference
31         private void LoginButton_Click(object sender, EventArgs e)
32         {
33             SqlConnection connection = new SqlConnection(connectionString);
34             connection.Open();
35
36             SqlCommand cmd = new SqlCommand("select * from login where username=@username_para and password=@password_para", connecti
37             cmd.Parameters.AddWithValue("@username_para", UsernameTextBox.Text);
38             cmd.Parameters.AddWithValue("@password_para", PasswordTextBox.Text);
39
40             SqlDataReader dataReader = cmd.ExecuteReader();
41             if (dataReader.Read())
42             {
43                 dataReader.Close();
44             }
45         }
46     }
47 }
```