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# PeopleSearch

## **Technologies used**

* **Backend:** ASP.NET MVC
* **Backend**: Entity Framework, SqlServer Express
* **UI**: Jquery and Ajax, html5, css & bootstrap
* **Testing**: Moq
* **IDE**: Visual Studio 2015 Community

## **Instructions for running application**

There are 4 steps to run this application.

## STEP 1

Launch ‘PeopleSearch.sln’ project from Visual Studio

## STEP 2

Provide connection string on the landing page of application. Use either of following two options:

## Option I

If your connection string is for SQL Server with Windows authentication, then use option 1. For any other connection string use option 2.

1. Provide configuration values:
   1. Connection string name will remain as-is. You can’t edit. By default, its value is “PersonContext”.
   2. Provider name string name will remain as-is. You can’t edit. By default provider name value is “System.Data.SqlClient”. For custom provider name use Option 2.
   3. Application loads name of a machine what it is running on.
   4. Application lists out all ‘SQL Server instances’ installed on your machine with the help of Windows registry.

i. Select edit checkbox to enter your custom value i.e. in case you decide not to select from the list.

* 1. Provide database name what you want to install with on your database. By default, its value is “person” i.e. a database will be created with “person” name.
  2. Integrated Security value will remain as-is. You can’t edit it. By default, its value is “True”.

For custom value of Integrated Security use Option 2.

1. Click on ‘Configure SQL Server’ button.
2. If connection string validated, you will see successful message on the screen right below the button. And seed data will be loaded in SQL Server.
3. If connection string throws error, you will see error message on the screen right below the button.

## Option 2

1. Provide configuration values:
   1. Connection string name will remain as-is. You can’t edit. By default, its value is “PersonContext”.
   2. Enter Provider name. By default provider name value is “System.Data.SqlClient”.
   3. Provide value for connectionString i.e. enter highlighted value (refer below screen shot) in the ‘ConnectionString’ textbox. **NOTE** – highlighted value, in the screenshot, is just for the reference, please make sure you provide correct connection string for your machine.



1. Click on ‘Configure SQL Server’ button.
2. If connection string validated, you will see successful message on the screen right below the button. And seed data will be loaded in SQL Server.
3. If connection string throws error, you will see error message on the screen right below the button.

After successfully configuring connection string, seed data (9 records) would have been inserted in database.

## STEP 3

Navigate to ‘Search’ link available in navigation bar i.e. on the top-right’ corner of the page. [You can also REGISTER (STEP 4), a person, using ‘Register’ link before this step]. Please refer following instructions below to search a person or persons:

1. Enter first name or last name.
2. Press ENTER key from your keyboard, or click on search icon.

## STEP 4 (Register a Person)

Navigate to ‘Register’ link available in navigation bar i.e. on the top-right’ corner of the page. Please refer following instructions below to register a user:

1. Enter first name [MANDATORY]
2. Enter last name, you can skip this if you want.
3. Enter address, you can skip this if you want.
4. Enter hobbies, you can skip this if you want.
5. Select Gender.
6. Enter date in mm/dd/yyyy format. Date must not be greater than today’s date. [A calendar will pop up in Google chrome, and Microsoft Browser].
7. Attach an image, you can skip this if you want.
8. Click on ‘Search’ button.