

Code:

RegisterCustomer.aspx

```
<%@ Page Language="VB" AutoEventWireup="false"
CodeFile="RegisterCustomer.aspx.vb" Inherits="RegisterCustomer" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

    <title>Register Customer</title>

</head>

<body>

    <form id="form1" runat="server">

        <h2>Register Customer</h2>

        Customer ID: <asp:TextBox ID="txtID" runat="server" /><br /><br />
        Name: <asp:TextBox ID="txtName" runat="server" /><br /><br />
        Contact: <asp:TextBox ID="txtContact" runat="server" /><br /><br />
        Email: <asp:TextBox ID="txtEmail" runat="server" /><br /><br />
        City: <asp:TextBox ID="txtCity" runat="server" /><br /><br />
        State: <asp:TextBox ID="txtState" runat="server" /><br /><br />
        Postal Code: <asp:TextBox ID="txtPostalCode" runat="server" /><br /><br />
        Street Address: <asp:TextBox ID="txtAddress" runat="server" /><br /><br />
        Status: <asp:TextBox ID="txtStatus" runat="server" /><br /><br />
```

```
<asp:Button ID="btnRegister" runat="server" Text="Register"
OnClick="btnRegister_Click" /><br /><br />
```

```
<asp:Label ID="lblMsg" runat="server" ForeColor="Green" />
```

```
</form>
```

```
</body>
```

```
</html>
```

RegisterCustomer.aspx.vb

Imports System.Data.SqlClient

Partial Class RegisterCustomer

Inherits System.Web.UI.Page

Protected Sub btnRegister_Click(sender As Object, e As EventArgs) Handles
btnRegister.Click

Dim conStr As String =
"Server=localhost\SQLEXPRESS;Database=SCM;Trusted_Connection=True"

Using con As New SqlConnection(conStr)

Dim query As String = "INSERT INTO CUSTOMER_T (CUSTOMER_ID,
CUSTOMER_NAME, CUSTOMER_CONTACT, CUSTOMER_EMAIL, CUSTOMER_CITY,
CUSTOMER_STATE, CUSTOMER_POSTALCODE, CUSTOMER_STREET_ADDRESS,
CUSTOMER_STATUS) " &

"VALUES (@ID, @Name, @Contact, @Email, @City, @State, @PostalCode,
@StreetAddress, @Status)"

Dim cmd As New SqlCommand(query, con)

```
' Bind values from textboxes

cmd.Parameters.AddWithValue("@ID", txtID.Text.Trim())

cmd.Parameters.AddWithValue("@Name", txtName.Text.Trim())

cmd.Parameters.AddWithValue("@Contact", txtContact.Text.Trim())

cmd.Parameters.AddWithValue("@Email", txtEmail.Text.Trim())

cmd.Parameters.AddWithValue("@City", txtCity.Text.Trim())

cmd.Parameters.AddWithValue("@State", txtState.Text.Trim())

cmd.Parameters.AddWithValue("@PostalCode", txtPostalCode.Text.Trim())

cmd.Parameters.AddWithValue("@StreetAddress", txtAddress.Text.Trim())

cmd.Parameters.AddWithValue("@Status", txtStatus.Text.Trim())
```

Try

```
con.Open()

cmd.ExecuteNonQuery()

lblMsg.Text = "Customer registered successfully!"
```

Catch ex As Exception

```
lblMsg.ForeColor = Drawing.Color.Red

lblMsg.Text = "Error: " & ex.Message
```

End Try

End Using

End Sub

End Class

SearchWarehouse.aspx

```
<%@ Page Language="VB" AutoEventWireup="false"
CodeFile="SearchWarehouse.aspx.vb" Inherits="SearchWarehouse" %>
```

```
<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

    <title>Search Warehouse</title>

</head>

<body>

    <form id="form1" runat="server">

        <div style="font-family: Arial; max-width: 500px; margin: auto; padding: 20px;">

            <h2>Search Warehouse</h2>

            <br />

            <asp:Label ID="lblSelect" runat="server" Text="Select Warehouse ID:" Font-
Bold="true"></asp:Label><br />

            <asp:DropDownList ID="ddlWarehouseID" runat="server"
Width="100%"></asp:DropDownList><br /><br />

            <asp:Button ID="btnSearch" runat="server" Text="Search"
OnClick="btnSearch_Click" /><br /><br />

            <asp:Label ID="lblResult" runat="server" Text="" Font-Size="Large"></asp:Label>

        </div>

    </form>

</body>

</html>
```

SearchWarehouse.aspx.vb

Imports System.Data.SqlClient

Partial Class SearchWarehouse

Inherits System.Web.UI.Page

Protected Sub Page_Load(sender As Object, e As EventArgs) Handles Me.Load

If Not IsPostBack Then

PopulateWarehouseDropdown()

End If

End Sub

Private Sub PopulateWarehouseDropdown()

Dim connStr As String =

"Server=localhost\SQLEXPRESS;Database=SCM;Trusted_Connection=True"

Dim query As String = "SELECT WAREHOUSE_ID FROM WAREHOUSE_T"

Using conn As New SqlConnection(connStr)

Using cmd As New SqlCommand(query, conn)

Try

conn.Open()

Dim reader As SqlDataReader = cmd.ExecuteReader()

ddlWarehouseID.Items.Clear()

While reader.Read()

ddlWarehouseID.Items.Add(reader("WAREHOUSE_ID").ToString())

End While

```
Catch ex As Exception

    lblResult.Text = "Error loading warehouse IDs: " & ex.Message

    lblResult.ForeColor = Drawing.Color.Red

End Try

End Using

End Using

End Sub
```

```
Protected Sub btnSearch_Click(sender As Object, e As EventArgs)

    Dim selectedID As String = ddlWarehouseID.SelectedValue

    Dim connStr As String =
"Server=localhost\SQLEXPRESS;Database=SCM;Trusted_Connection=True"

    Dim query As String = "SELECT * FROM WAREHOUSE_T WHERE WAREHOUSE_ID =
@ID"
```

```
Using conn As New SqlConnection(connStr)

    Using cmd As New SqlCommand(query, conn)

        cmd.Parameters.AddWithValue("@ID", selectedID)

    Try

        conn.Open()

        Dim reader As SqlDataReader = cmd.ExecuteReader()

        If reader.Read() Then

            lblResult.ForeColor = Drawing.Color.Green

            lblResult.Text = "Warehouse: " & reader("WAREHOUSE_NAME") &
```

```
"<br />City: " & reader("WAREHOUSE_CITY") &  
"<br />Manager: " & reader("MANAGER_NAME")
```

```
Else
```

```
    lblResult.ForeColor = Drawing.Color.Red
```

```
    lblResult.Text = "No warehouse found with the selected ID."
```

```
End If
```

```
Catch ex As Exception
```

```
    lblResult.ForeColor = Drawing.Color.Red
```

```
    lblResult.Text = "Error: " & ex.Message
```

```
End Try
```

```
End Using
```

```
End Using
```

```
End Sub
```

```
End Class
```

Output Screen shoots:

Register Customer

Customer ID:

Name:

Contact:

Email:

City:

State:

Postal Code:

Street Address:

Status:

133 %

Results Messages

	CUSTOMER_ID	CUSTOMER_NAME	CUSTOMER_CONTACT	CUSTOMER_EMAIL	CUSTOMER_CITY	CUSTOMER_STATE	CUSTOMER_POSTALCODE	CUSTOMER_STREET_ADDRESS	CUSTOMER_STATUS
1	0								
2	101	John Doe	9876543210	john.doe@gmail.com	New York	New York	10001	123 Elm St	ACTIVE
3	102	Jane Smith	8765432109	jane.smith@gmail.com	Los Angeles	California	90001	456 Maple Ave	ACTIVE
4	103	Michael Brown	7654321098	michael.brown@yahoo.com	Chicago	Illinois	60601	789 Oak Blvd	INACTIVE
5	104	Emily Johnson	6543210987	emily.j@outlook.com	Houston	Texas	77001	321 Pine St	ACTIVE
6	105	David Lee	5432109876	david.lee@gmail.com	San Francisco	California	94101	567 Cedar Rd	ACTIVE
7	106	Musa Fayyaz	0306555	jnasjoc@gmail.com	Gojra	PJB	35000	Mehdi Mohallah Gojra	Active
8	107	Umer	030655545	dsgrasjoc@gmail.com	Chivcha	PJB	35000	bhegc	Active
9	108	Ali usa	0305895658	scsc@gmail.com	xyz	xyz	2554	cdshcb	Active
10	109	Ali usa	0305895658	scsc@gmail.com	xyz	xyz	2554	cdshcb	Active
11	110	bilal	02165213	scsc@gmail.com	fwef	feccg	65451	gerhger	Active

Search Warehouse

Select Warehouse ID:

3 ▼

Search

Warehouse: West Coast Warehouse

City: San Francisco

Manager: Steve Manager

Search Warehouse

Select Warehouse ID:

2 ▼

Search

Warehouse: East Coast Warehouse

City: New York City

Manager: Alice Manager