

Lab_05B

Code Implementation

Registration.aspx

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

```
<!DOCTYPE html>
```

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

```
<head>
```

```
  <title>Customer Registration</title>
```

```
</head>
```

```
<body>
```

```
  <h2>Customer Registration</h2>
```

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

```
    <div>
```

```
      <label for="txtID">Customer ID:</label>
```

```
      <asp:TextBox ID="txtID" runat="server" /><br /><br />
```

```
      <label for="txtName">Customer Name:</label>
```

```
      <asp:TextBox ID="txtName" runat="server" /><br /><br />
```

```
      <label for="txtEmail">Customer Email:</label>
```

```
      <asp:TextBox ID="txtEmail" runat="server" /><br /><br />
```

```
      <label for="txtPhone">Customer Phone Number:</label>
```

```
      <asp:TextBox ID="txtPhone" runat="server" /><br /><br />
```

```

        <asp:Button ID="btnRegister" runat="server" Text="Register"
OnClick="btnRegister_Click" /><br /><br />
        <asp:Label ID="lblMessage" runat="server" ForeColor="Green" />
    </div>
</form>
</body>
</html>

```

Registration.aspx.vb

```
Imports System.Data.SqlClient
```

```
Partial Class Registration
```

```
    Inherits System.Web.UI.Page
```

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

```
        Dim id As Integer = Convert.ToInt32(txtID.Text)
```

```
        Dim name As String = txtName.Text
```

```
        Dim email As String = txtEmail.Text
```

```
        Dim phone As String = txtPhone.Text
```

```

        Dim connectionString As String = "Data Source=NoorFatima;Initial
Catalog=InventoryManagementSystem;Integrated Security=True"

```

```
        Using conn As New SqlConnection(connectionString)
```

```
            Dim query As String = "INSERT INTO Customer (CustomerID, CustomerName,
CustomerEmail, CustomerPhoneNumber) VALUES (@ID, @Name, @Email, @Phone)"
```

```
            Dim cmd As New SqlCommand(query, conn)
```

```
            cmd.Parameters.AddWithValue("@ID", id)
```

```
            cmd.Parameters.AddWithValue("@Name", name)
```

```
cmd.Parameters.AddWithValue("@Email", email)
cmd.Parameters.AddWithValue("@Phone", phone)
```

```
conn.Open()
cmd.ExecuteNonQuery()
```

```
End Using
```

```
lblMessage.Text = "Customer registered successfully."
```

```
End Sub
```

```
End Class
```

Search.aspx

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

```
<!DOCTYPE html>
```

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

```
<head>
```

```
  <title>Search Product</title>
```

```
</head>
```

```
<body>
```

```
  <h2>Search Product</h2>
```

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

```
    <div>
```

```
      <label for="txtSearch">Product Name:</label>
```

```
      <asp:TextBox ID="txtSearch" runat="server" />
```

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

```
<asp:GridView ID="gvResults" runat="server" AutoGenerateColumns="True" />
</div>
</form>
</body>
</html>
```

Search.aspx.vb

Imports System

Imports System.Data.SqlClient

Partial Class Search

Inherits System.Web.UI.Page

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

Dim keyword As String = txtSearch.Text

Dim connectionString As String = "Data Source=NoorFatima;Initial
Catalog=InventoryManagementSystem;Integrated Security=True"

Using conn As New SqlConnection(connectionString)

Dim query As String = "SELECT ProductName, Category, Price FROM Product
WHERE ProductName LIKE @Keyword"

Dim cmd As New SqlCommand(query, conn)

cmd.Parameters.AddWithValue("@Keyword", "%" & keyword & "%")

conn.Open()

Dim reader As SqlDataReader = cmd.ExecuteReader()

gvResults.DataSource = reader

gvResults.DataBind()

End Using

End Sub

End Class