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Computer and Information Sciences

Internet Application Development

LAB Number: 11

Login.aspx

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

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>Login</title>
```

```
    <style>
```

```
        :root {
```

```
            --primary-color: #4361ee;
```

```
            --secondary-color: #3f37c9;
```

```
            --accent-color: #4895ef;
```

```
            --light-gray: #f8f9fa;
```

```
            --dark-gray: #343a40;
```

```
            --error-color: #f72585;
```

```
            --success-color: #4cc9f0;
```

```
        }
```

```
        body {
```

```
font-family: 'Segoe UI', system-ui, -apple-system, sans-serif;

background: linear-gradient(135deg, #f5f7fa 0%, #e4e8f0 100%);

margin: 0;

padding: 0;

display: flex;

justify-content: center;

align-items: center;

min-height: 100vh;

color: var(--dark-gray);

}
```

```
#form1 {

  background: white;

  padding: 2.5rem;

  border-radius: 12px;

  box-shadow: 0 8px 30px rgba(0, 0, 0, 0.08);

  width: 100%;

  max-width: 400px;

  transition: transform 0.3s ease, box-shadow 0.3s ease;

}
```

```
#form1:hover {

  transform: translateY(-5px);

  box-shadow: 0 12px 40px rgba(0, 0, 0, 0.12);

}
```

```
}
```

```
h2 {
```

```
  color: var(--primary-color);
```

```
  text-align: center;
```

```
  margin-bottom: 1.8rem;
```

```
  font-weight: 600;
```

```
  font-size: 1.8rem;
```

```
  letter-spacing: -0.5px;
```

```
}
```

```
label {
```

```
  display: block;
```

```
  margin-bottom: 0.5rem;
```

```
  font-weight: 500;
```

```
  color: var(--dark-gray);
```

```
}
```

```
input[type="text"],
```

```
input[type="password"] {
```

```
  width: 100%;
```

```
  padding: 0.8rem 1rem;
```

```
  margin-bottom: 1.2rem;
```

```
  border: 2px solid #e9ecef;
```

```
border-radius: 8px;

font-size: 1rem;

transition: all 0.3s ease;

box-sizing: border-box;

}
```

```
input[type="text"]:focus,
input[type="password"]:focus {

  border-color: var(--accent-color);

  outline: none;

  box-shadow: 0 0 3px rgba(72, 149, 239, 0.2);

}
```

```
#btnLogin {

  width: 100%;

  padding: 0.9rem;

  background-color: var(--primary-color);

  color: white;

  border: none;

  border-radius: 8px;

  font-size: 1rem;

  font-weight: 600;

  cursor: pointer;

  transition: all 0.3s ease;
```

```
    margin-top: 0.5rem;
}
```

```
#btnLogin:hover {
    background-color: var(--secondary-color);
    transform: translateY(-2px);
}
```

```
#btnLogin:active {
    transform: translateY(0);
}
```

```
#lblMessage {
    display: block;
    text-align: center;
    margin-bottom: 1.2rem;
    padding: 0.8rem;
    border-radius: 8px;
    font-weight: 500;
}
```

```
@media (max-width: 480px) {
    #form1 {
        padding: 1.8rem;
    }
}
```

```

        margin: 0 1rem;
    }

    h2 {
        font-size: 1.5rem;
    }
}

</style>
</head>
<body>
    <form id="form1" runat="server">
        <h2>Login</h2>
        <asp:Label ID="lblMessage" runat="server" ForeColor="Red"></asp:Label>
        <label for="txtUsername">Username:</label>
        <asp:TextBox ID="txtUsername" runat="server" />
        <label for="txtPassword">Password:</label>
        <asp:TextBox ID="txtPassword" runat="server" TextMode="Password" />
        <asp:Button ID="btnLogin" runat="server" Text="Login" OnClick="btnLogin_Click" />
    </form>
</body>
</html>

```

Login.aspx.vb

Imports System

Imports System.Configuration

Imports System.Data.SqlClient

Partial Class Login

Inherits System.Web.UI.Page

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

Dim conStr As String = ConfigurationManager.ConnectionStrings("DB").ConnectionString

Using con As New SqlConnection(conStr)

Dim cmd As New SqlCommand("SELECT Role FROM Users WHERE Username=@u AND Password=@p", con)

cmd.Parameters.AddWithValue("@u", txtUsername.Text)

cmd.Parameters.AddWithValue("@p", txtPassword.Text)

con.Open()

Dim role = cmd.ExecuteScalar()

If role IsNot Nothing Then

Session("Username") = txtUsername.Text

Session("Role") = role.ToString()

If role = "Administrator" Then

Response.Redirect("AdminDashboard.aspx")

ElseIf role = "Builder" Then

Response.Redirect("BuilderDashboard.aspx")

ElseIf role = "Surveyor" Then

Response.Redirect("SurveyorDashboard.aspx")

End If

Else

lblMessage.Text = "Invalid credentials!"

End If

End Using

End Sub

End Class