

DEPARTMENT OF COMPUTER & INFORMATION SCIENCES

INTERNET APPLICATION DEVELOPMENT LAB 11

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SignUp.aspx

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

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Sign Up</title>
</head>
<body>
    <form id="formSignUp" runat="server">
        <div>
            <h2>Create an Account</h2>

            <asp:Label ID="lblUsername" runat="server" Text="Username:"
AssociatedControlID="txtUsername" />
            <asp:TextBox ID="txtUsername" runat="server" /><br />

            <asp:Label ID="lblEmail" runat="server" Text="Email:"
AssociatedControlID="txtEmail" />
            <asp:TextBox ID="txtEmail" runat="server" TextMode="Email" /><br />

            <asp:Label ID="lblPassword" runat="server" Text="Password:"
AssociatedControlID="txtPassword" />
            <asp:TextBox ID="txtPassword" runat="server" TextMode="Password" /><br
/>

            <asp:Label ID="lblConfirm" runat="server" Text="Confirm Password:"
AssociatedControlID="txtConfirm" />
            <asp:TextBox ID="txtConfirm" runat="server" TextMode="Password" /><br />

            <asp:Label ID="lblRole" runat="server" Text="Select Role:"
AssociatedControlID="ddlRole" />
            <asp:DropDownList ID="ddlRole" runat="server" />

            <br /><br />
            <asp:Button ID="btnSignUp" runat="server" Text="Sign Up"
OnClick="btnSignUp_Click" />
            <br /><br />
            <asp:Label ID="lblMessage" runat="server" ForeColor="Red" />
        </div>
    </form>
</body>

</html>
```

SignUP.aspx.vb

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

Partial Class SignUp
    Inherits System.Web.UI.Page

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

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        If Not IsPostBack Then
            LoadRoles()
        End If
    End Sub

    Private Sub LoadRoles()
        Dim cs As String = System.Configuration.ConfigurationManager _
            .ConnectionStrings("SurveyDb").ConnectionString

        Using conn As New SqlConnection(cs)
            Using cmd As New SqlCommand("SELECT RoleID, RoleName FROM Roles WHERE
RoleName <> 'Admin'", conn)
                conn.Open()
                ddlRole.DataSource = cmd.ExecuteReader()
                ddlRole.DataValueField = "RoleID"
                ddlRole.DataTextField = "RoleName"
                ddlRole.DataBind()
            End Using
        End Using

        ddlRole.Items.Insert(0, New ListItem("-- select role --", "0"))
    End Sub

    Protected Sub btnSignUp_Click(sender As Object, e As EventArgs)
        lblMessage.Text = String.Empty

        ' 1. Basic validation
        If txtPassword.Text <> txtConfirm.Text Then
            lblMessage.Text = "Passwords do not match."
            Return
        End If
        If ddlRole.SelectedValue = "0" Then
            lblMessage.Text = "Please select a role."
            Return
        End If

        ' 2. Insert user without hashing
        Dim cs As String = System.Configuration.ConfigurationManager _
            .ConnectionStrings("SurveyDb").ConnectionString

        Dim sql As String =
            "INSERT INTO Users (Username, Email, PasswordHash, RoleID) " &
            "VALUES (@u, @e, @p, @r)"

        Try
            Using conn As New SqlConnection(cs)
                Using cmd As New SqlCommand(sql, conn)
                    cmd.Parameters.Add("@u", SqlDbType.NVarChar, 100).Value =
txtUsername.Text.Trim()
                    cmd.Parameters.Add("@e", SqlDbType.NVarChar, 256).Value =
txtEmail.Text.Trim()
                    cmd.Parameters.Add("@p", SqlDbType.NVarChar, 100).Value =
txtPassword.Text
                    cmd.Parameters.Add("@r", SqlDbType.Int).Value =
Convert.ToInt32(ddlRole.SelectedValue)

                    conn.Open()
                    cmd.ExecuteNonQuery()
                End Using
            End Using
        Catch ex As Exception
            lblMessage.Text = ex.Message
        End Try
    End Sub

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        End Using
    End Using

    ' Redirect based on role
    Dim roleName As String = ddlRole.SelectedItem.Text.ToLower()
    Select Case roleName
        Case "student"
            Response.Redirect("~/Dashboard/StudentDashboard.aspx")
        Case "teacher"
            Response.Redirect("~/Dashboard/TeacherDashboard.aspx")
        Case Else
            Response.Redirect("~/Dashboard/GeneralDashboard.aspx")
    End Select
    Catch ex As SqlException When ex.Number = 2627
        lblMessage.Text = "Username or email already exists."
    Catch ex As Exception
        lblMessage.Text = "An error occurred: " & ex.Message
    End Try
End Sub
End Class

```

Login.aspx

```

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

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Login</title>
</head>
<body>
    <form id="formLogin" runat="server">
        <div>
            <h2>Login</h2>
            <asp:Label ID="lblEmail" runat="server" Text="Email:" />
            <asp:TextBox ID="txtEmail" runat="server" /><br />

            <asp:Label ID="lblPassword" runat="server" Text="Password:" />
            <asp:TextBox ID="txtPassword" runat="server" TextMode="Password" /><br />

            <asp:Button ID="btnLogin" runat="server" Text="Login"
OnClick="btnLogin_Click" /><br />
            <asp:Label ID="lblMessage" runat="server" ForeColor="Red" />
        </div>
    </form>
</body>

</html>

```

Login.aspx.vb

```

Partial Class _Default
    Inherits System.Web.UI.Page

```

```

Protected Sub Page_Load(ByVal sender As Object, ByVal e As EventArgs) Handles
Me.Load
    If Not IsPostBack Then
        For i As Integer = 1 To 10
            ddlRows.Items.Add(i.ToString())
            ddlCols.Items.Add(i.ToString())
        Next
    End If
End Sub

Protected Sub btnGenerate_Click(ByVal sender As Object, ByVal e As EventArgs)
    Dim x As Integer = Integer.Parse(ddlRows.SelectedValue)
    Dim y As Integer = Integer.Parse(ddlCols.SelectedValue)

    Dim tbl As New Table()
    tbl.BorderStyle = BorderStyle.Solid
    tbl.BorderWidth = Unit.Pixel(1)
    tbl.BorderColor = Drawing.Color.Red

    For i As Integer = 1 To x
        Dim row As New TableRow()

        For j As Integer = 1 To y
            Dim cell As New TableCell()

            If j = 1 Then
                Dim ddlLang As New DropDownList()
                ddlLang.Items.Add("Urdu")
                ddlLang.Items.Add("English")
                ddlLang.Items.Add("Arabic")
                ddlLang.Items.Add("Chinese")
                cell.Controls.Add(ddlLang)
            Else
                If i = x Then
                    Dim rbl As New RadioButtonList()
                    rbl.RepeatDirection = RepeatDirection.Horizontal
                    rbl.Items.Add("1")
                    rbl.Items.Add("2")
                    rbl.Items.Add("3")
                    rbl.Items.Add("4")
                    cell.Controls.Add(rbl)
                    cell.BackColor = Drawing.Color.LightGray
                Else
                    cell.Text = "{" & i.ToString() & "," & j.ToString() & "}"
                End If
            End If
        Next j

        row.Cells.Add(cell)
    Next i

    tbl.Rows.Add(row)
Next

phTable.Controls.Clear()
phTable.Controls.Add(tbl)
End Sub

```

End Class

Surveyor.aspx

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

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Surveyor Dashboard</title>
</head>
<body>
    <form id="formSurveyor" runat="server">
        <div>
            <h2>Welcome, Surveyor</h2>

            <asp:Button ID="btnViewAssignedSurveys" runat="server" Text="View
Assigned Surveys" />
            <br /><br />

            <asp:Button ID="btnSubmitSurveyData" runat="server" Text="Submit Survey
Data" />
            <br /><br />

            <asp:Button ID="btnLogout" runat="server" Text="Logout" />
        </div>
    </form>
</body>
</html>
```

Surveyor.aspx.vb

```
Partial Class Surveyor
    Inherits System.Web.UI.Page
End Class
```

Survey_Builder.aspx

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

<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Survey Builder Dashboard</title>
</head>
<body>
    <form id="formSurveyBuilder" runat="server">
        <div>
            <h2>Welcome, Survey Builder</h2>

            <asp:Button ID="btnCreateSurvey" runat="server" Text="Create New Survey"
/>
        </div>
    </form>
</body>
</html>
```

```
        <br /><br />

        <asp:Button ID="btnManageSurveys" runat="server" Text="Manage Existing
Surveys" />
        <br /><br />

        <asp:Button ID="btnAssignSurveyors" runat="server" Text="Assign
Surveyors" />
        <br /><br />

        <asp:Button ID="btnLogout" runat="server" Text="Logout" />
    </div>
</form>
</body>
</html>
```

Survey_Builder.aspx.vb

Partial Class Survey_Builder

Inherits System.Web.UI.Page

End Class