

Login Page

Imports System.Activities.Expressions

Partial Class Lab10

Inherits System.Web.UI.Page

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

ddList.Items.Add("Teacher")

ddList.Items.Add("Student")

ddList.Items.Add("Administrator")

End Sub

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

Dim txtpw1 As String = "TeacherPassword"

Dim txtpw2 As String = "StudentPassword"

Dim txtpw3 As String = "AdministratorPassword"

Dim role As String = ddList.SelectedValue

Select Case role

Case "Teacher"

If txtPassword.Text = txtpw1 Then

Response.Redirect("Teacher.aspx")

Else

lblMessage.Text = "Wrong Password"

End If

Case "Student"

If txtPassword.Text = txtpw2 Then

```

        Response.Redirect("Student.aspx")
    Else
        lblMessage.Text = "Wrong Password"
    End If
Case "Administrator"
    If txtPassword.Text = txtpw3 Then
        Response.Redirect("Administrator.aspx")
    Else
        lblMessage.Text = "Wrong Password"
    End If
End Select

```

```
End Sub
```

```
End Class
```

Teacher Page

```
Partial Class Teacher
```

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

```

    Protected Sub btnSave_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles
        btnSave.Click

```

```

        Session("Question") = txtQuestion.Text
        Session("Option1") = txtOpt1.Text
        Session("Option2") = txtOpt2.Text
        Session("Option3") = txtOpt3.Text
        Session("Option4") = txtOpt4.Text
        Session("CorrectAnswer") = txtAnswer.Text

```

```
txtQuestion.Text = ""
```

```
txtOpt1.Text = ""
```

```
txtOpt2.Text = ""
```

```
txtOpt3.Text = ""
```

```
txtOpt4.Text = ""
```

```
txtAnswer.Text = ""
```

```
lblStatus.Text = "Quiz saved successfully!"
```

```
End Sub
```

```
Protected Sub btnBackToLogin_Click(ByVal sender As Object, ByVal e As System.EventArgs)  
Handles btnBackToLogin.Click
```

```
Response.Redirect("Lab10.aspx")
```

```
End Sub
```

```
End Class
```

Student Page

```
Partial Class Student
```

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

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

```
If Not IsPostBack Then
```

```
    If Session("Question") Is Nothing Then
```

```
        lblMessage.Text = "Quiz is unavailable"
```

```
    Exit Sub
```

```
End If
```

```
lblQuestion.Text = Session("Question").ToString()
```

```
lblOption1.Text = Session("Option1").ToString()
```

```
lblOption2.Text = Session("Option2").ToString()
```

```
        lblOption3.Text = Session("Option3").ToString()
        lblOption4.Text = Session("Option4").ToString()
    End If
End Sub
```

Protected Sub btnSubmit_Click(sender As Object, e As EventArgs) Handles btnSubmit.Click

```
    Dim selectedOption As Integer = 0
```

```
    If rbOption1.Checked Then selectedOption = 1
```

```
    If rbOption2.Checked Then selectedOption = 2
```

```
    If rbOption3.Checked Then selectedOption = 3
```

```
    If rbOption4.Checked Then selectedOption = 4
```

```
    Dim correctAnswer As Integer = CInt(Session("CorrectAnswer"))
```

```
    If selectedOption = correctAnswer Then
```

```
        lblResult.Text = "Correct!"
```

```
    Else
```

```
        lblResult.Text = "Incorrect. Correct answer was " & correctAnswer.ToString()
```

```
    End If
```

```
End Sub
```

Protected Sub btnBackToLogin_Click(sender As Object, e As EventArgs) Handles btnBackToLogin.Click

```
    Response.Redirect("Lab10.aspx")
```

```
End Sub
```

```
End Class
```

Administrator Page

Partial Class Administrator

Inherits System.Web.UI.Page

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

 If Not IsPostBack Then

 If Session("Question") Is Nothing Then

 lblQuizStatus.Text = "Quiz is unavailable"

 Exit Sub

 End If

 lblCurrentQuestion.Text = Session("Question").ToString()

 lblCurrentOption1.Text = Session("Option1").ToString()

 lblCurrentOption2.Text = Session("Option2").ToString()

 lblCurrentOption3.Text = Session("Option3").ToString()

 lblCurrentOption4.Text = Session("Option4").ToString()

 lblCurrentAnswer.Text = Session("CorrectAnswer").ToString()

End If

End Sub

Protected Sub btnClearQuiz_Click(sender As Object, e As EventArgs) Handles
btnClearQuiz.Click

 Session("Question") = Nothing

 Session("Option1") = Nothing

 Session("Option2") = Nothing

 Session("Option3") = Nothing

 Session("Option4") = Nothing

 Session("CorrectAnswer") = Nothing

 lblCurrentQuestion.Text = ""

 lblCurrentOption1.Text = ""

 lblCurrentOption2.Text = ""

 lblCurrentOption3.Text = ""

```
lblCurrentOption4.Text = ""
```

```
lblMessage.Text = "Quiz cleared successfully"
```

```
End Sub
```

```
Protected Sub btnBackToLogin_Click(sender As Object, e As EventArgs) Handles  
btnBackToLogin.Click
```

```
Response.Redirect("Lab10.aspx")
```

```
End Sub
```

```
End Class
```