

```

1
2 Imports System.Data
3 Imports System.Data.OleDb
4
5 Partial Class LinkAuthPub
6     Inherits System.Web.UI.Page
7     Dim control As New Controller
8     Dim conn As OleDbConnection
9     Protected Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
10
11         'verify inputs
12         If String.IsNullOrEmpty(ddl_Publishers.SelectedValue) Then
13             MsgBox("Please select a Publisher.", 0, "INPUT ERROR")
14             Return
15         End If
16         If String.IsNullOrEmpty(ddl_Authors.SelectedValue) Then
17             MsgBox("Please select an Author.", 0, "INPUT ERROR")
18             Return
19         End If
20         If String.IsNullOrEmpty(tb_Royalties.Text) Then
21             tb_Royalties.Text = 0
22         ElseIf CheckForAlphaCharacters(tb_Royalties.Text) Then
23             MsgBox("Please enter only numeric values", 0, "INPUT ERROR")
24             Return
25         End If
26
27         'Insert into DB
28         conn = control.GetConnection()
29         Dim sql As String = "INSERT INTO Royalties(PID, AID, Royalty) VALUES(@PID,
30             @AID, @Royalty)"
31         Dim cmd As New OleDb.OleDbCommand(sql, conn)
32         cmd.Parameters.AddWithValue("@PID", ddl_Publishers.SelectedValue)
33         cmd.Parameters.AddWithValue("@AID", ddl_Authors.SelectedValue)
34         cmd.Parameters.AddWithValue("@Royalty", tb_Royalties.Text)
35         conn.Open()
36         cmd.ExecuteNonQuery()
37         cmd.Dispose()
38         conn.Close()
39
40         greet.Text = "Linked: " + ddl_Authors.SelectedItem.Text + ", " +
41             ddl_Publishers.SelectedItem.Text + ", " + tb_Royalties.Text & "%"
42     End Sub
43
44     'Checks for aplha chars
45     Public Function CheckForAlphaCharacters(ByVal StringToCheck As String) As Boolean
46         For i = 0 To StringToCheck.Length - 1
47             If Not Char.IsLetter(StringToCheck.Chars(i)) Then
48                 Return False
49             End If
50         Next
51
52         Return True 'Return true if all elements are characters
53     End Function
54     Protected Sub Page_Load(sender As Object, e As EventArgs) Handles Me.Load
55         'add the connection string programatically
56
57     End Sub
58 End Class
59

```