

```

1 Imports System
2 Imports System.Collections.Generic
3 Imports System.Data
4 Imports System.Data.OleDb
5 Imports System.Data.SqlClient
6 Imports System.Web.UI.WebControls
7
8 Partial Class ListOfAll
9     Inherits System.Web.UI.Page
10    Dim control As New Controller
11    Dim conn As OleDbConnection
12
13    Protected Sub Page_Load(sender As Object, e As EventArgs) Handles Me.Load
14        If control.GetAdmin = True Then
15            adminTab.Visible = True
16            custTab.Visible = False
17        Else
18            adminTab.Visible = False
19            custTab.Visible = True
20        End If
21
22        conn = control.GetConnection()
23        Dim sql As String = "SELECT Name, AID FROM Authors"
24        Dim cmd As New OleDb.OleDbCommand(sql, conn)
25        conn.Open()
26        Dim dbAuth = cmd.ExecuteReader()
27
28        If dbAuth.HasRows Then
29            While dbAuth.Read()
30                Dim tRow As New TableRow()
31                Dim tCell As New TableCell()
32                Dim hypLink As New HyperLink
33                hypLink.Text = dbAuth.Item(0).ToString()
34                hypLink.NavigateUrl = "AuthorInfo.aspx?aid=" & dbAuth.Item(1).ToString
35                tCell.Controls.Add(hypLink)
36                tRow.Cells.Add(tCell)
37
38                t_Authors.Rows.Add(tRow)
39            End While
40        End If
41        cmd.Dispose()
42
43        sql = "SELECT Title, ISBN FROM Books"
44        cmd = New OleDb.OleDbCommand(sql, conn)
45        Dim dbBook = cmd.ExecuteReader()
46        If dbBook.HasRows Then
47            While dbBook.Read()
48                Dim tRow As New TableRow()
49                Dim tCell As New TableCell()
50                Dim hypLink As New HyperLink
51                hypLink.Text = dbBook.Item(0).ToString()
52                hypLink.NavigateUrl = "BookInfo.aspx?isbn=" & dbBook.Item(1).ToString
53                tCell.Controls.Add(hypLink)
54                tRow.Cells.Add(tCell)
55
56                t_Books.Rows.Add(tRow)
57            End While
58        End If
59        cmd.Dispose()
60
61        sql = "SELECT Name, CID FROM Customers"
62        cmd = New OleDb.OleDbCommand(sql, conn)
63        Dim dbCust = cmd.ExecuteReader()
64        If dbCust.HasRows Then
65            While dbCust.Read()
66                Dim tRow As New TableRow()
67                Dim tCell As New TableCell()
68                Dim hypLink As New HyperLink
69                hypLink.Text = dbCust.Item(0).ToString()

```

```
70         hypLink.NavigateUrl = "CustInfo.aspx?cid=" & dbCust.Item(1).ToString +  
71         "&name=" + dbCust.Item(0).ToString  
72         tCell.Controls.Add(hypLink)  
73         tRow.Cells.Add(tCell)  
74         t_Customers.Rows.Add(tRow)  
75     End While  
76 End If  
77 cmd.Dispose()  
78  
79     conn.Close()  
80 End Sub  
81  
82 End Class  
83
```