

```

1
2 Imports System.Data.OleDb
3
4 Public Class DBControls
5     ' CREATE YOUR DB CONNECTION
6     Public DBCon As New OleDbConnection("Provider=Microsoft.ACE.OLEDB.12.0;" & "Data Source=.\Flight1\
       .accdb;")
7
8     ' PREPARE DB COMMAND
9     Private DBCmd As OleDbCommand
10
11     ' DB DATA
12     Public DBDA As OleDbDataAdapter
13     Public DBDT As DataTable
14
15
16     ' QUERY PARAMETERS
17     Public Params As New List(Of OleDbParameter)
18
19     ' QUERY STATISTICS
20     Public RecordCount As Integer
21     Public Exception As String
22
23     Public Sub ExecQuery(ByVal Query As String)
24         ' RESET QUERY STATS
25         RecordCount = 0
26         Exception = ""
27
28         Try
29             ' OPEN A CONNECTION
30             DBCon.Open()
31
32             ' CREATE DB COMMAND
33             DBCmd = New OleDbCommand(Query, DBCon)
34
35             ' LOAD PARAMS INTO DB COMMAND
36             Params.ForEach(Sub(p) DBCmd.Parameters.Add(p))
37
38             ' CLEAR PARAMS LIST
39             Params.Clear()
40
41             ' EXECUTE COMMAND & FILL DATATABLE
42             DBDT = New DataTable
43             DBDA = New OleDbDataAdapter(DBCmd)
44             RecordCount = DBDA.Fill(DBDT)
45         Catch ex As Exception
46             Exception = ex.Message
47         End Try
48
49         ' CLOSE YOUR CONNECTION
50         If DBCon.State = ConnectionState.Open Then DBCon.Close()
51     End Sub
52
53     ' INCLUDE QUERY & COMMAND PARAMETERS
54     Public Sub AddParam(ByVal Name As String, ByVal Value As Object)
55         Dim NewParam As New OleDbParameter(Name, Value)
56         Params.Add(NewParam)
57     End Sub
58
59 End Class
60

```