TableReport.aspx

```
1 <%@ Page Language="vb" Src="TableReport.aspx.vb" Inherits="Web_VB.GeneratorExamples.TableReport" %>
```

TableReport.aspx.vb

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

Imports ceTe.DynamicPDF
Imports ceTe.DynamicPDF.IO
Imports ceTe.DynamicPDF.Text
Imports ceTe.DynamicPDF.PageElements

Namespace Web_VB.GeneratorExamples
    Public Class TableReport
        Inherits System.Web.UI.Page

        ' Connection string to the Northwind database
        Shared DBConnString As String = System.Configuration.ConfigurationSettings.AppSettings("NorthWindConnectionString")

        Private Sub Page_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
            ' Create a MyDocument and set it's properties
            Dim MyDocument As ceTe.DynamicPDF.Document = New ceTe.DynamicPDF.Document
            MyDocument.Creator = "Table.aspx"
            MyDocument.Author = "ceTe Software"
            MyDocument.Title = "Table Example"

            ' Establises connection to the database
            Dim Connection As SqlConnection = GetOpenDBConn()
            Dim Data As SqlDataReader = GetContactListData(Connection)

            'Create a Table and set it's properties
            Dim MyTable As Table2 = New Table2(0, 0, 512, 676, ceTe.DynamicPDF.Font.Helvetica, 12)
            MyTable.Border.Width = 1
            MyTable.CellDefault.Border.Width = 1
            MyTable.Border.Color = Grayscale.Black
            MyTable.RepeatColumnHeaderCount = 1
            MyTable.RepeatRowHeaderCount = 1

            ' Builds the report
            BuildTable(Data, MyTable)

            Dim CurrentRow As Integer = 0
            Dim CurrentColumn As Integer = 0
            Do
                CurrentRow = CurrentRow + 1
```

TableReport.aspx.vb

```
43                 CurrentColumn = 1
44                 AddTableToPage(MyDocument, MyTable, CurrentRow, CurrentColumn)
45                 Dim OverflowTable As Table2 = MyTable.GetOverflowColumns()
46                 Do
47                     CurrentColumn = CurrentColumn + 1
48                     AddTableToPage(MyDocument, OverflowTable, CurrentRow, CurrentColumn)
49                     OverflowTable = OverflowTable.GetOverflowColumns()
50                 Loop While Not OverflowTable Is Nothing
51                 MyTable = MyTable.GetOverflowRows()
52             Loop While Not MyTable Is Nothing
53
54
55             ' Cleans up database connections
56             Data.Close()
57             Connection.Close()
58
59             ' Outputs the Table Report to the current web MyPage
60             MyDocument.DrawToWeb("TableReport.pdf")
61         End Sub
62
63         Private Sub AddTableToPage(ByVal MyDocument As Document, ByVal MyTable As Table2, ByVal CurrentRow As Integer, ByVal
   CurrentColumn As Integer)
64             Dim MyPage As Page = New Page(PageSize.Letter)
65             If Not MyTable Is Nothing Then
66                 MyPage.Elements.Add(MyTable)
67             End If
68             MyPage.Elements.Add(New Label("(" & CurrentRow & "," & CurrentColumn & ")", 0, MyPage.Dimensions.Body.Height - 12,
   MyPage.Dimensions.Body.Width, 12, Font.Helvetica, 12, TextAlign.Center))
69             MyDocument.Pages.Add(MyPage)
70         End Sub
71
72         Private Sub BuildTable(ByVal Data As SqlDataReader, ByVal MyTable As Table2)
73             CreateColumns(MyTable)
74             CreateRowHeadings(MyTable)
75
76             While Data.Read()
77                 CreateRow(MyTable, Data)
78             End While
79         End Sub
80
81         Private Sub CreateRowHeadings(ByVal MyTable As Table2)
82             Dim MyRow As Row2 = MyTable.Rows.Add(40, Font.TimesBold, 12, Grayscale.Black, Grayscale.LightGrey)
```

TableReport.aspx.vb

```
            MyRow.CellDefault.Align = TextAlign.Center
            MyRow.CellDefault.VAlign = VAlign.Top
            MyRow.Cells.Add("ID")
            MyRow.Cells.Add("Product Name")
            MyRow.Cells.Add("Supplier ID")
            MyRow.Cells.Add("Category ID")
            MyRow.Cells.Add("Quantity Per Unit")
            MyRow.Cells.Add("Unit Price")
            MyRow.Cells.Add("Unit In Stock")
            MyRow.Cells.Add("Units On Order")
            MyRow.Cells.Add("Reorder Level")
            MyRow.Cells.Add("Discontinued")
        End Sub

        Private Sub CreateRow(ByVal MyTable As Table2, ByVal Data As SqlDataReader)
            Dim MyRow As Row2 = MyTable.Rows.Add(20)
            MyRow.Cells.Add(Data.GetInt32(0).ToString(), Font.Helvetica, 12, Grayscale.Black, Grayscale.LightGrey, 1)
            MyRow.Cells.Add(Data.GetString(1))
            MyRow.Cells.Add(Data.GetInt32(2).ToString())
            MyRow.Cells.Add(Data.GetInt32(3).ToString())
            MyRow.Cells.Add(Data.GetString(4))
            MyRow.Cells.Add(Data.GetDecimal(5).ToString("$0.00"))
            MyRow.Cells.Add(Data.GetInt16(6).ToString())
            MyRow.Cells.Add(Data.GetInt16(7).ToString())
            MyRow.Cells.Add(Data.GetInt16(8).ToString())
            MyRow.Cells.Add(Data.GetBoolean(9).ToString())
        End Sub

        Private Sub CreateColumns(ByVal MyTable As Table2)
            MyTable.Columns.Add(25)
            MyTable.Columns.Add(150)
            MyTable.Columns.Add(90)
            MyTable.Columns.Add(90)
            MyTable.Columns.Add(120)
            MyTable.Columns.Add(60)
            MyTable.Columns.Add(90)
            MyTable.Columns.Add(90)
            MyTable.Columns.Add(90)
            MyTable.Columns.Add(90)
        End Sub
        Private Function GetOpenDBConn() As SqlConnection
            ' Creates and opens a database connection
```

```
125             Dim Connection As SqlConnection = New SqlConnection(DBConnString)
126             Connection.Open()
127             Return Connection
128         End Function
129 
130         Private Function GetContactListData(ByVal Connection As SqlConnection) As SqlDataReader
131             ' Creates a DataReader for the report
132             Dim Command As SqlCommand = Connection.CreateCommand()
133             Command.CommandText = "SELECT * FROM Products where (UnitPrice > 15)"
134             Dim DataReader As SqlDataReader = Command.ExecuteReader()
135 
136             Return DataReader
137         End Function
138 
139     End Class
140 End Namespace
```