



LAB 4

Database Connection

Default.aspx.vb

```
Imports System.Data.SqlClient
Imports System.Reflection.Emit

Public Class _Default
    Inherits System.Web.UI.Page

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

            Dim constr As String
            constr = "Data source = Localhost; Initial Catalog = HMS; Integrated
Security=True;"

            Dim con As New SqlConnection
            con.ConnectionString = constr

            Dim cmd As New SqlCommand
            cmd.Connection = con
            cmd.CommandText = "Select *"
            cmd.CommandText &= "From PATIENT"

            Dim reader As SqlDataReader

            Try
                con.Open()
                reader = cmd.ExecuteReader()
                While reader.Read()

                    Dim row As New TableRow()
                    row.Cells.Add(New TableCell With {.Text =
reader("PATIENT_NAME").ToString()})
                    row.Cells.Add(New TableCell With {.Text =
reader("PATIENT_AGE").ToString()})
                    row.Cells.Add(New TableCell With {.Text =
reader("GENDER").ToString()})
                    CustomerTable.Rows.Add(row)

                End While
            Catch ex As Exception
                label.Text = "Error: " & ex.Message
            Finally
                If reader IsNot Nothing Then reader.Close()
                con.Close()
                cmd.Dispose()
            End Try

        End Sub
    End Class
```

Default.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb" <%@ Page
Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb" Inherits="_Default"
%>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title>Table</title>

  <style>
    table
    {
      font-family: arial, sans-serif;
      border-collapse: collapse;
      width: 50%;
    }

    td, th
    {
      border: 1px solid #dddddd;
      text-align: left;
      padding: 4px;
    }
  </style>
</head>
<body>
  <h2>Patient Data</h2>

  <form id="form1" runat="server">
    <div>
      <asp:label ID="label" runat="server"></asp:label>

      <asp:Table ID="CustomerTable" runat="server">
        <asp:TableRow>
          <asp:TableCell><b>Patient Name</b></asp:TableCell>
          <asp:TableCell><b>Age</b></asp:TableCell>
          <asp:TableCell><b>Gender</b></asp:TableCell>
        </asp:TableRow>
      </asp:Table>
    </div>
  </form>
</body>
</html>
```

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