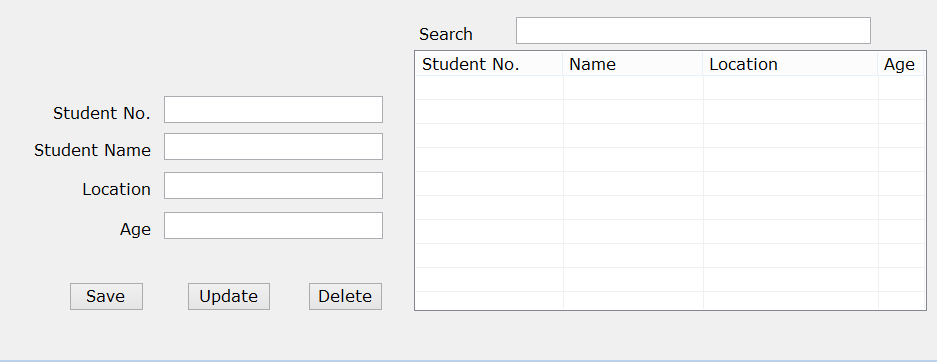
**SCRUD – MySQL to VB.NET**

**  
SYNTAX:**

Imports MySql.Data.MySqlClient

Public Class Form1

Public conn As New MySqlConnection

Public cmd As New MySqlCommand

Public objDR As MySqlDataReader

Public strSQL As String

**' CODE FOR DATABASE ( MySQL to my LISTVIEW** )

Sub LoadRecord()

Try

ListView1.Items.Clear()

strSQL = "SELECT \* FROM student ORDER BY studname"

cmd = New MySql.Data.MySqlClient.MySqlCommand(strSQL, conn)

objDR = cmd.ExecuteReader

While (objDR.Read())

With ListView1.Items.Add(objDR("studno"))

.subitems.add(objDR("studname"))

.subitems.add(objDR("studlocation"))

.subitems.add(objDR("studage"))

End With

End While

cmd.Dispose()

objDR.Close()

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

Private Sub Form1\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

' CONNECTION CODE MYSQL to LISTVIEW

conn.ConnectionString = "Server=localhost;User ID=root;Password=jm091797;Database=bsit2a"

Try

conn.Open()

MsgBox("Connected to Database Server")

LoadRecord()

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

**' TO SAVE DATA and SHOW to my LIST VIEW**

Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click

Try

strSQL = "INSERT INTO student VALUES(@field1,@field2,@field3,@field4)"

cmd = New MySql.Data.MySqlClient.MySqlCommand(strSQL, conn)

With cmd

.Parameters.AddWithValue("@field1", TextBox1.Text)

.Parameters.AddWithValue("@field2", TextBox2.Text)

.Parameters.AddWithValue("@field3", TextBox3.Text)

.Parameters.AddWithValue("@field4", TextBox4.Text)

End With

cmd.ExecuteNonQuery()

MsgBox("Record Saved")

LoadRecord()

TextBox1.Clear()

TextBox2.Clear()

TextBox3.Clear()

TextBox4.Clear()

cmd.Dispose()

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

' **FOR ADVANCE SEARCHING**

Private Sub TextBox5\_TextChanged(sender As Object, e As EventArgs) Handles TextBox5.TextChanged

Try

ListView1.Items.Clear()

strSQL = "SELECT \* FROM student WHERE studno LIKE '" & TextBox5.Text & "%' OR studname LIKE '" & TextBox5.Text & "%'"

cmd = New MySql.Data.MySqlClient.MySqlCommand(strSQL, conn)

objDR = cmd.ExecuteReader

While (objDR.Read())

With ListView1.Items.Add(objDR("studno"))

.subitems.add(objDR("studname"))

.subitems.add(objDR("studlocation"))

.subitems.add(objDR("studage"))

End With

End While

cmd.Dispose()

objDR.Close()

Catch ex As Exception

End Try

End Sub

Private Sub ListView1\_DoubleClick(sender As Object, e As EventArgs) Handles ListView1.DoubleClick

With ListView1.SelectedItems(0)

TextBox1.Text = .SubItems(0).Text

TextBox2.Text = .SubItems(1).Text

TextBox3.Text = .SubItems(2).Text

TextBox4.Text = .SubItems(3).Text

End With

End Sub

**' THIS IS FOR UPDATING THE DATA into the LISTVIEW**

Private Sub Button2\_Click(sender As Object, e As EventArgs) Handles Button2.Click

Try

strSQL = "UPDATE student SET studname=@field2,studlocation=@field3,studage=@field4 WHERE studno=@field1"

cmd = New MySql.Data.MySqlClient.MySqlCommand(strSQL, conn)

With cmd

.Parameters.AddWithValue("@field1", TextBox1.Text)

.Parameters.AddWithValue("@field2", TextBox2.Text)

.Parameters.AddWithValue("@field3", TextBox3.Text)

.Parameters.AddWithValue("@field4", TextBox4.Text)

End With

cmd.ExecuteNonQuery()

MsgBox("Record Updated")

LoadRecord()

TextBox1.Clear()

TextBox2.Clear()

TextBox3.Clear()

TextBox4.Clear()

cmd.Dispose()

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

**' DELETING DATA into my LISTVIEW(MYSQL)**

Private Sub Button3\_Click(sender As Object, e As EventArgs) Handles Button3.Click

Try

strSQL = "DELETE FROM student WHERE studno=@field1"

cmd = New MySql.Data.MySqlClient.MySqlCommand(strSQL, conn)

With cmd

.Parameters.AddWithValue("@field1", TextBox1.Text)

End With

cmd.ExecuteNonQuery()

MsgBox("Record Deleted")

LoadRecord()

TextBox1.Clear()

TextBox2.Clear()

TextBox3.Clear()

TextBox4.Clear()

cmd.Dispose()

Catch ex As Exception

MsgBox(ex.Message)

End Try

End Sub

End Class