**LISTING PROGRAM**

**\*\*\*\* Form Login \*\*\*\***

Imports System.Data.Odbc

Public Class frmLogin

Private Sub frmLogin\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles Me.KeyPress

If Asc(e.KeyChar) = Keys.Enter Then

SendKeys.Send("{tab}")

End If

End Sub

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

Call Koneksi()

txtUser.Text = GetSetting("PenerimaBantuanPendidikan\_KNN", "Database", "User2", "")

txtPass.Text = GetSetting("PenerimaBantuanPendidikan\_KNN", "Database", "Password2", "")

txtPass.UseSystemPasswordChar = True

End Sub

Sub cekUser()

cmd = New OdbcCommand("Select \* from tbuser where username='" & txtUser.Text & "'", Conn)

rd = cmd.ExecuteReader

rd.Read()

If Not rd.HasRows Then

MsgBox("Maaf..., Username Salah", MsgBoxStyle.Critical, "Perhatian...!")

txtUser.Text = ""

txtUser.Focus()

End If

End Sub

Sub cekPassword()

On Error Resume Next

cmd = New OdbcCommand("Select \* from tbuser where username='" & txtUser.Text & "' and password=md5('" & txtPass.Text & "')", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows Then

cLevelUser = rd.Item("level")

cUserId = rd.Item("user\_id")

Me.Visible = False

If cLevelUser = "Admin" Then

frmMenuUtama.Show()

Else

frmMenuUser.Show()

End If

Else

MsgBox("Maaf..., Password Salah", MsgBoxStyle.Critical, "Perhatian...!")

txtPass.Text = ""

txtPass.Focus()

Exit Sub

End If

End Sub

Private Sub btnBatal\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)

Me.Close()

End Sub

Private Sub txtPass\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtPass.KeyPress

If e.KeyChar = Chr(13) Then

Call cekPassword()

End If

End Sub

Private Sub txtUser\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtUser.KeyPress

If e.KeyChar = Chr(13) Then

Call cekUser()

End If

If Char.IsLetterOrDigit(e.KeyChar) = False Then

If e.KeyChar = CChar(ChrW(Keys.Back)) Or \_

e.KeyChar = CChar(ChrW(Keys.Space)) Then

e.Handled = False

Else

e.Handled = True

End If

End If

End Sub

Private Sub txtUser\_MarginChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles txtUser.MarginChanged

End Sub

Private Sub txtUser\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtUser.TextChanged

txtUser.Text = StripNonAlphaNum(txtUser.Text)

End Sub

Private Sub btnOk\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnOk.Click

Call cekUser()

Call cekPassword()

If chkIngat.Checked = True And txtUser.Text <> "" And txtPass.Text <> "" Then

SaveSetting("PenerimaBantuanPendidikan\_KNN", "Database", "User2", Trim(txtUser.Text))

SaveSetting("PenerimaBantuanPendidikan\_KNN", "Database", "Password2", Trim(txtPass.Text))

End If

End Sub

Private Sub chkTampilPass\_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkTampilPass.CheckedChanged

If chkTampilPass.CheckState = CheckState.Checked Then

txtPass.UseSystemPasswordChar = False

Else

txtPass.UseSystemPasswordChar = True

End If

End Sub

End Class

**\*\*\*\* Form Login \*\*\*\***

Imports System.Data.Odbc

Public Class frmUser

Dim Ada, tblEdit As Boolean

Private Sub frmUser\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles Me.KeyPress

If Asc(e.KeyChar) = Keys.Enter Then

SendKeys.Send("{tab}")

End If

End Sub

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

Call Koneksi()

Call Tampilkan()

Call databaru()

Call tidaksiapisi()

Call kosongkan()

txtpass.UseSystemPasswordChar = True

txtRepass.UseSystemPasswordChar = True

End Sub

Sub databaru()

txtNama.Text = ""

txtpass.Text = ""

cbolevel.Text = ""

txtnama.Focus()

End Sub

Sub kosongkan()

Call tidaksiapisi()

txtuserId.Text = ""

txtnama.Text = ""

txtpass.Text = ""

txtRepass.Text = ""

cboLevel.Text = ""

txtuserId.Enabled = True

txtuserId.Focus()

End Sub

Sub siapisi()

txtnama.Enabled = True

txtpass.Enabled = True

txtRepass.Enabled = True

cbolevel.Enabled = True

btnHapus.Enabled = False

btnSimpan.Enabled = True

End Sub

Sub tidaksiapisi()

txtnama.Enabled = False

txtpass.Enabled = False

txtRepass.Enabled = False

cbolevel.Enabled = False

btnSimpan.Enabled = False

btnHapus.Enabled = False

End Sub

Sub Tampilkan()

da = New OdbcDataAdapter("Select User\_Id,username,level from tbuser order by user\_Id", Conn)

ds = New DataSet

ds.Clear()

da.Fill(ds, "tbuser")

DGV.DataSource = (ds.Tables("tbuser"))

DGV.ReadOnly = True

DGV.Columns(0).Width = 100

DGV.Columns(1).Width = 170

DGV.GridColor = Color.Blue

DGV.DefaultCellStyle.ForeColor = Color.Black

DGV.RowHeadersDefaultCellStyle.BackColor = Color.DeepPink

DGV.AlternatingRowsDefaultCellStyle.BackColor = Color.RoyalBlue

DGV.SelectionMode = DataGridViewSelectionMode.FullRowSelect

DGV.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(0).HeaderText = "User Id"

DGV.Columns(1).HeaderText = "Nama User"

DGV.Columns(2).HeaderText = "Level"

End Sub

Private Sub txtRepass\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtRepass.KeyPress

If e.KeyChar = Chr(13) And txtpass.Text <> txtRepass.Text Then

MsgBox("Maaf, Password tidak sama", , "Perhatian...!")

txtRepass.Focus()

Exit Sub

Else

btnSimpan.Enabled = True

End If

End Sub

Private Sub txtuserId\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtuserId.KeyPress

If e.KeyChar = Chr(13) Then

cmd = New OdbcCommand("select \* from tbuser where user\_id='" & txtuserId.Text & "'", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows = True Then

txtnama.Text = rd.Item(1)

cboLevel.Text = rd.Item(3)

Call siapisi()

txtuserId.Enabled = False

Ada = True

btnHapus.Enabled = True

Else

Call databaru()

Call siapisi()

Ada = False

End If

tblEdit = False

End If

End Sub

Private Sub txtuserId\_Validated(ByVal sender As Object, ByVal e As System.EventArgs) Handles txtuserId.Validated

btnSimpan.Enabled = True

End Sub

Private Sub btnSimpan\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSimpan.Click

If txtuserId.Text = "" Or txtnama.Text = "" Or txtpass.Text = "" Or cboLevel.Text = "" Then

MsgBox("Data Belum Lengkap", , "Perhatian...!")

txtuserId.Focus()

Exit Sub

End If

cmd = New OdbcCommand("Select \* from tbuser where user\_id='" & txtuserId.Text & "'", Conn)

rd = cmd.ExecuteReader

rd.Read()

If Not rd.HasRows Then

Dim sqltambah As String = "Insert into tbuser (User\_id,username,password,level) values " & \_

"('" & txtuserId.Text & "','" & txtnama.Text & "',md5('" & (txtpass.Text) & "'),'" & cboLevel.Text & "')"

cmd = New OdbcCommand(sqltambah, Conn)

Else

Dim sqledit As String = "Update tbuser set " & \_

"username='" & txtnama.Text & "',password=md5('" & txtpass.Text & "') where user\_id='" & txtuserId.Text & "'"

cmd = New OdbcCommand(sqledit, Conn)

End If

cmd.ExecuteNonQuery()

Call Tampilkan()

Call kosongkan()

btnSimpan.Enabled = False

End Sub

Private Sub btnTutup\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnTutup.Click

Me.Close()

End Sub

Private Sub btnHapus\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnHapus.Click

cmd = New OdbcCommand("Select count(\*) as jml from tbuser ", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.Item(0) = 1 Then

MsgBox("Maaf..., Data User tidak dapat dihapus", MsgBoxStyle.Critical, "Perhatian...!")

Exit Sub

Else

If MessageBox.Show("Yakin akan dihapus..?", "Hapus Data", MessageBoxButtons.YesNo) = Windows.Forms.DialogResult.Yes Then

cmd = New OdbcCommand("Delete from tbuser where user\_id='" & txtuserId.Text & "'", Conn)

cmd.ExecuteNonQuery()

End If

End If

Call Tampilkan()

Call kosongkan()

End Sub

Private Sub btnBatal\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnBatal.Click

Call kosongkan()

End Sub

Private Sub txtpass\_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtpass.KeyPress

If e.KeyChar = Chr(13) And Ada = True And tblEdit = False Then

cmd = New OdbcCommand("Select \* from tbuser where user\_id='" & txtuserId.Text & "' and password=md5('" & txtpass.Text & "')", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows Then

Call tidaksiapisi()

btnSimpan.Enabled = False

btnHapus.Enabled = True

Else

MsgBox("Maaf..., Password tidak sesuai", MsgBoxStyle.Critical, "Perhatian...!")

txtpass.Text = ""

txtpass.Focus()

btnSimpan.Enabled = False

btnHapus.Enabled = False

Exit Sub

End If

End If

End Sub

Private Sub txtnama\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtnama.TextChanged

txtnama.Text = StripNonAlphaNum(txtnama.Text)

End Sub

Private Sub txtpass\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtpass.TextChanged

End Sub

Private Sub DGV\_CellContentClick(ByVal sender As System.Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs) Handles DGV.CellContentClick

End Sub

Private Sub DGV\_CellDoubleClick(ByVal sender As Object, ByVal e As System.Windows.Forms.DataGridViewCellEventArgs) Handles DGV.CellDoubleClick

txtuserId.Text = DGV.Rows(e.RowIndex).Cells(0).Value

txtuserId.Focus()

End Sub

Private Sub txtuserId\_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtuserId.TextChanged

End Sub

Private Sub chkTampilPass\_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkTampilPass.CheckedChanged

If chkTampilPass.CheckState = CheckState.Checked Then

txtpass.UseSystemPasswordChar = False

Else

txtpass.UseSystemPasswordChar = True

End If

End Sub

Private Sub chkTampilPass2\_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkTampilPass2.CheckedChanged

If chkTampilPass2.CheckState = CheckState.Checked Then

txtRepass.UseSystemPasswordChar = False

Else

txtRepass.UseSystemPasswordChar = True

End If

End Sub

End Class