**LISTING PROGRAM**

**\*\*\*\* Input Data Kriteria \*\*\*\***

Imports System.Data.Odbc

Public Class frmKriteria

Dim valid As Boolean

Sub databaru()

txtNama.Text = ""

txtBobot.Text = ""

cboJenis.Text = ""

txtNama.Focus()

End Sub

Sub kosongkan()

Call tidaksiapisi()

txtKode.Text = ""

txtNama.Text = ""

txtBobot.Text = ""

cboJenis.Text = ""

txtKode.Enabled = True

txtKode.Focus()

Call NomorOtomatis()

End Sub

Sub siapisi()

txtNama.Enabled = True

txtBobot.Enabled = True

cboJenis.Enabled = True

btnEdit.Enabled = False

btnHapus.Enabled = False

btnSimpan.Enabled = True

End Sub

Sub tidaksiapisi()

txtNama.Enabled = False

txtBobot.Enabled = False

cboJenis.Enabled = False

btnSimpan.Enabled = False

btnHapus.Enabled = False

btnEdit.Enabled = False

End Sub

Sub Tampilkan()

da = New OdbcDataAdapter("Select Kode\_Cr,Nama\_Cr,Bobot,If(Jenis\_Cr='B','Benefit','Cost') " & \_

"from tbKriteria order by kode\_cr", Conn)

ds = New DataSet

ds.Clear()

da.Fill(ds, "tbKriteria")

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

DGV.ReadOnly = True

DGV.AllowUserToAddRows = False

DGV.Columns(0).Width = 70

DGV.Columns(1).Width = 220

DGV.Columns(2).Width = 60

DGV.Columns(3).Width = 75

DGV.GridColor = Color.Blue

DGV.DefaultCellStyle.ForeColor = Color.Blue

DGV.RowHeadersDefaultCellStyle.BackColor = Color.DeepPink

DGV.AlternatingRowsDefaultCellStyle.BackColor = Color.Yellow

DGV.SelectionMode = DataGridViewSelectionMode.FullRowSelect

DGV.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(0).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(2).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(3).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV.Columns(0).HeaderText = "Kode Cr"

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

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

DGV.Columns(3).HeaderText = "Jenis Kriteria"

End Sub

Sub CekData()

cmd = New OdbcCommand("select \* from tbKriteria where kode\_cr='" & txtKode.Text & "' ", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows = True Then

txtNama.Text = rd.Item("Nama\_Cr")

txtBobot.Text = rd.Item("bobot")

If rd.Item("jenis\_cr") = "B" Then

cboJenis.Text = "Benefit"

Else

cboJenis.Text = "Cost"

End If

rd.Close()

Call tidaksiapisi()

btnEdit.Enabled = True

btnHapus.Enabled = True

txtKode.Enabled = False

Else

Call databaru()

Call siapisi()

End If

End Sub

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

e.Handled = True

End Sub

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

Call Validasi()

If valid = True Then

cmd = New OdbcCommand("Select \* from tbKriteria where kode\_cr='" & txtKode.Text & "' ", Conn)

rd = cmd.ExecuteReader

rd.Read()

If Not rd.HasRows Then

Dim sqltambah As String = "Insert into tbKriteria (kode\_cr,nama\_cr,bobot,jenis\_cr) values " & \_

"('" & txtKode.Text & "','" & Trim(txtNama.Text) & "','" & txtBobot.Text & "'," & \_

"'" & Microsoft.VisualBasic.Left(cboJenis.Text, 1) & "')"

cmd = New OdbcCommand(sqltambah, Conn)

Else

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

"nama\_cr='" & Trim(txtNama.Text) & "', " & \_

"bobot='" & txtBobot.Text & "', " & \_

"jenis\_cr='" & Microsoft.VisualBasic.Left(cboJenis.Text, 1) & "' " & \_

" where kode\_cr='" & txtKode.Text & "' "

cmd = New OdbcCommand(sqledit, Conn)

End If

cmd.ExecuteNonQuery()

Call Tampilkan()

Call kosongkan()

End If

End Sub

Sub Validasi()

If txtNama.Text = "" Then

MsgBox("Nama Kriteria Belum diisi", , "Perhatian...!")

txtNama.Focus()

valid = False

Exit Sub

Else

valid = True

End If

If txtBobot.Text = "" Then

MsgBox("Bobot Kriteria Belum diisi", , "Perhatian...!")

txtBobot.Focus()

valid = False

Exit Sub

Else

valid = True

End If

If cboJenis.Text = "" Then

MsgBox("Jenis Kriteria Belum diisi", , "Perhatian...!")

cboJenis.Focus()

valid = False

Exit Sub

Else

valid = True

End If

End Sub

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

btnEdit.Enabled = False

btnHapus.Enabled = False

Call siapisi()

txtNama.Focus()

End Sub

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

cmd = New OdbcCommand("Select \* from tbsubkriteria where kode\_cr='" & txtKode.Text & "' ", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows Then

MsgBox("Maaf, Kriteria tersebut tidak dapat di Hapus...", , "Perhatian...!")

Else

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

cmd = New OdbcCommand("Delete from tbKriteria where kode\_cr='" & txtKode.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 btnTutup\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnTutup.Click

Me.Dispose()

End Sub

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

Call Tampilkan()

Call databaru()

Call tidaksiapisi()

Call kosongkan()

End Sub

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

If e.KeyChar = Chr(13) Then

Call CekData()

End If

End Sub

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

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

Call CekData()

End Sub

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

e.Handled = True

End Sub

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

'Hanya Boleh diisi dengan angka dan backspace

If (e.KeyChar < Chr(48) Or e.KeyChar > Chr(57)) And e.KeyChar <> Chr(8) And e.KeyChar <> Chr(46) Then

e.Handled = True

End If

End Sub

Sub NomorOtomatis()

cmd = New OdbcCommand("select \* from tbkriteria order by Kode\_cr desc", Conn)

rd = cmd.ExecuteReader

rd.Read()

If Not rd.HasRows = True Then

txtKode.Text = "C" + "1"

Else

txtKode.Text = Val(Microsoft.VisualBasic.Right(rd.Item("kode\_cr").ToString, 1)) + 1

If Len(txtKode.Text) = 1 Then

txtKode.Text = "C" & txtKode.Text & ""

End If

End If

End Sub

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

End Sub

End Class

**\*\*\*\* Laporan Hasil Penilaian \*\*\*\***

Imports System.Data.Odbc

'Imports CrystalDecisions.CrystalReports.Engine

'Imports CrystalDecisions.Shared

Public Class FrmLapPenilaian

Dim rd2 As OdbcDataReader

Dim strkode\_Kriteria() As String

Dim JmlKriteria As Byte

Dim Awal As Boolean = False

Dim cNama, cNip, cJab As String

Sub CekPenilai()

cmd = New OdbcCommand("select \* from tbpejabat where status='Aktif'", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows = True Then

cJab = rd.Item(2)

cNama = rd.Item(1)

cNip = "NIP. " & rd.Item(0)

Else

cNama = ""

cNip = ""

End If

End Sub

Sub CekData()

cmd = New OdbcCommand("select \* from tbpenilaian where periode = '" & nudPeriode.Value & "' ", Conn)

rd = cmd.ExecuteReader

rd.Read()

If rd.HasRows = True Then

Call TampilHasilPenilaian()

btnCetak.Enabled = True

Else

If Awal = True Then

DGV2.Columns.Clear()

MsgBox("Maaf, Penilaian Kepala Desa pada Periode tsb, belum ada", , "Perhatian...!")

btnCetak.Enabled = False

Exit Sub

End If

End If

End Sub

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

nudPeriode.Value = Year(Now)

btnCetak.Enabled = False

End Sub

Sub TampilHasilPenilaian()

DGV2.ReadOnly = True

DGV2.AllowUserToAddRows = False

DGV2.Columns.Clear()

DGV2.Rows.Clear()

DGV2.Columns.Add("kode", "Id Kpl Desa")

DGV2.Columns.Add("kode", "Nama Kepala Desa")

DGV2.Columns.Add("kode", "Unit Kerja")

Dim lstkode\_Kriteria As New List(Of String)

Dim cNilai As String = ""

Dim sql As String = "Select nama\_cr,kode\_cr from tbkriteria order by kode\_cr"

Dim cmd As New OdbcCommand(sql, Conn)

Dim rd As OdbcDataReader = cmd.ExecuteReader

While rd.Read

DGV2.Columns.Add(rd(0), rd(0))

lstkode\_Kriteria.Add(rd(1))

End While

strkode\_Kriteria = lstkode\_Kriteria.ToArray

JmlKriteria = lstkode\_Kriteria.Count

rd.Close()

sql = "select a.id\_kd,b.nama\_kd,b.unit\_kerja from tbpenilaian a, tbkepala\_desa b " & \_

"where a.id\_kd=b.id\_kd and a.periode = '" & nudPeriode.Value & "' group by a.id\_kd order by a.id\_kd "

cmd = New OdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

Dim i As Integer = 0

While rd.Read

DGV2.Rows.Add()

DGV2.Item(0, i).Value = rd(0)

DGV2.Item(1, i).Value = rd(1)

DGV2.Item(2, i).Value = rd(2)

i += 1

End While

rd.Close()

sql = "select \* from tbpenilaian where periode = '" & nudPeriode.Value & "' "

cmd = New OdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

If rd.HasRows Then

rd.Close()

For j As Integer = 0 To DGV2.RowCount - 1

sql = "select kode\_cr from tbpenilaian where id\_kd='" & DGV2.Item(0, j).Value & "' and periode = '" & nudPeriode.Value & "'"

cmd = New OdbcCommand(sql, Conn)

rd = cmd.ExecuteReader

i = 0

While rd.Read

cmd = New OdbcCommand("select nilai from tbpenilaian where kode\_cr='" & rd(0) & "' and `id\_kd`='" & DGV2.Item(0, j).Value & "' and periode = '" & nudPeriode.Value & "' ", Conn)

rd2 = cmd.ExecuteReader

rd2.Read()

If rd2.HasRows = True Then

cNilai = rd2.Item(0)

End If

DGV2.Item(i + 3, j).Value = cNilai

i += 1

End While

rd.Close()

Next

Else

rd.Close()

End If

For Each col As DataGridViewColumn In DGV2.Columns

col.SortMode = DataGridViewColumnSortMode.Programmatic

Next

DGV2.Columns(0).Width = 90

DGV2.Columns(1).Width = 170

DGV2.Columns(2).Width = 150

DGV2.GridColor = Color.Blue

DGV2.DefaultCellStyle.ForeColor = Color.Blue

DGV2.RowHeadersDefaultCellStyle.BackColor = Color.DeepPink

DGV2.AlternatingRowsDefaultCellStyle.BackColor = Color.Yellow

DGV2.SelectionMode = DataGridViewSelectionMode.FullRowSelect

DGV2.ColumnHeadersDefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

DGV2.Columns(0).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

For k As Integer = 3 To JmlKriteria + 2

DGV2.Columns(k).Width = 70

DGV2.Columns(k).DefaultCellStyle.Alignment = DataGridViewContentAlignment.MiddleCenter

Next

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 btnCetak\_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCetak.Click

Dim cetakdata As CrystalDecisions.CrystalReports.Engine.ReportDocument

Dim frmPenilaian As New FrmLaporan

cetakdata = New rptPenilaian

Call CekPenilai()

frmPenilaian.CRV.ReportSource = Nothing

frmPenilaian.CRV.SelectionFormula = "{tbpenilaian1.periode}='" & nudPeriode.Value & "'"

cetakdata.DataDefinition.FormulaFields(0).Text = "'" & cNama & "'"

cetakdata.DataDefinition.FormulaFields(1).Text = "'" & cNip & "'"

cetakdata.DataDefinition.FormulaFields(2).Text = "'" & cJab & "'"

frmPenilaian.CRV.ReportSource = cetakdata

frmPenilaian.CRV.Refresh()

frmPenilaian.CRV.RefreshReport()

frmPenilaian.Show(Me)

End Sub

Private Sub nudPeriode\_LostFocus(ByVal sender As Object, ByVal e As System.EventArgs) Handles nudPeriode.LostFocus

Awal = True

End Sub

Private Sub nudPeriode\_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles nudPeriode.ValueChanged

Call CekData()

End Sub

End Class