SISTEM INFORMASI PENGGAJIAN GURU PADA MADRASAH TSANAWIYAH AL-HIDAYAH DENGAN MENGGUNAKAN VB.NET

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PROGRAM STUDI SISTEM INFORMASI
FAKULTAS ILMU KOMPUTER
UNIVERSITAS MERCU BUANA
JAKARTA
2011

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Laporan Tugas Akhir

Diajukan Untuk Melengkapi Salah Satu Syarat

Memperoleh Gelar Sarjana Komputer

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Jakarta, 23 Juli 2011

(Riya Astuti)

KATA PENGANTAR

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Tujuan dari pembuatan Laporan Tugas Akhir ini adalah sebagai salah satu syarat menyelesaikan Program Pendidikan Strata Satu (S1) Jurusan Sistem Informasi di Universitas Mercu Buana.

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DAFTAR LAMPIRAN

Form Login

```
Imports System.Data
Imports System.Data.OleDb
Public Class FLogin
    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
        End
    End Sub

    Private Sub FLogin_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        Me.TransparencyKey = Me.BackColor
        comboRole.SelectedIndex = 0
        txtUser.Focus()
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
        Dim conn As New AccessData.DatabaseConnection
        Dim command As New OleDbCommand
        Dim adapter As New OleDbDataAdapter
        Dim dataset As New DataSet
        Dim datareader As OleDbDataReader
        Dim role As String
        Dim cnt As Integer

        conn.close()
        If comboRole.SelectedItem = "user" Then
            role = "False"
        ElseIf comboRole.SelectedItem = "admin" Then
            role = "True"
        End If

        command = conn.open.CreateCommand
        command.CommandText = "select * from [Tbl_User] where Username = '" & txtUser.Text & "' and Password = '" & txtPassword.Text & "'"
        conn.Open()

        adapter.SelectCommand = command
        adapter.Fill(dataset)

        Dim count = dataset.Tables(0).Rows.Count
        If count > 0 Then
            datareader = command.ExecuteReader
            datareader.Read()
            userRole = datareader.Item(3)
            If userRole = role Then
                userSess = datareader.Item(1)
                conn.close()
                '##### START: Kembalikan kondisi form login seperti semula
                txtUser.Text = ""
                txtPassword.Text = ""
                comboRole.SelectedIndex = 0
                txtUser.Focus()
                '##### END:
                command.Dispose()
                conn.close()

                '##### START: Get all Global Variable
                command = conn.open.CreateCommand
                command.CommandText = "select * from [Tbl_Global_Var] order by [kd_global_var]"
                datareader = command.ExecuteReader
                cnt = 0
                While datareader.Read()
                    kdGV(cnt) = datareader.Item(0)
                    nmGV(cnt) = datareader.Item(1)
                    valGV(cnt) = datareader.Item(2)
                    paramGV(cnt) = datareader.Item(3)
                    cnt = cnt + 1
                End While
                cnt = 0
                'MsgBox(kdGV(1) & nmGV(1) & valGV(1) & paramGV(1))
                command.Dispose()
                conn.close()
                '##### END: Get all Global Variable
```

```
            Me.Hide()
            MainForm.ShowDialog()
        Else
            MsgBox("Maaf, user " + txtUser.Text + " bukan sebagai " + comboRole.SelectedItem + "!", MsgBoxStyle.Critical, "Error")
        End If
    Else
        MsgBox("Masukkan Username/Password dengan benar!", MsgBoxStyle.Critical, "Error")
    End If
  End Sub

  Private Sub TabPage1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TabPage1.Click

  End Sub
End Class
```

Main Menu

```
Imports System.Data
Imports System.Data.OleDb
<Global.Microsoft.VisualBasic.CompilerServices.DesignerGenerated()> _
Partial Class MainForm
  Inherits System.Windows.Forms.Form
  'Dim conn As New AccessData.DatabaseConnection
  'Dim command As New OleDbCommand
  'Dim adapter As New OleDbDataAdapter
  'Dim dataset As New DataSet
  'Dim reader As OleDbDataReader
  'Form overrides dispose to clean up the component list.

<System.Diagnostics.DebuggerNonUserCode()> _
  Protected Overrides Sub Dispose(ByVal disposing As Boolean)
    If disposing AndAlso components IsNot Nothing Then
      components.Dispose()
    End If
    MyBase.Dispose(disposing)
  End Sub

  'Required by the Windows Form Designer
  Private components As System.ComponentModel.IContainer

  'NOTE: The following procedure is required by the Windows Form Designer
  'It can be modified using the Windows Form Designer.
  'Do not modify it using the code editor.

<System.Diagnostics.DebuggerStepThrough()> _
  Private Sub InitializeComponent()
    Me.ToolStrip1 = New System.Windows.Forms.ToolStrip
    Me.ToolStripButton1 = New System.Windows.Forms.ToolStripSplitButton
    Me.LoginToolStripMenuItem = New System.Windows.Forms.ToolStripMenuItem
    Me.LogoutToolStripMenuItem = New System.Windows.Forms.ToolStripMenuItem
    Me.ToolStripMenuItem1 = New System.Windows.Forms.ToolStripSeparator
    Me.KeluarToolStripMenuItem = New System.Windows.Forms.ToolStripMenuItem
    Me.ToolStripSeparator1 = New System.Windows.Forms.ToolStripSeparator
    Me.ToolStripButton2 = New System.Windows.Forms.ToolStripSplitButton
    Me.InputDataGuruToolStripMenuItem = New System.Windows.Forms.ToolStripMenuItem

    Me.InputDataTunjanganToolStripMenuItem = New System.Windows.Forms.ToolStripMenuItem
    Me.DataInsentifToolStripMenuItem = New System.Windows.Forms.ToolStripMenuItem
    Me.ToolStripButton7 = New System.Windows.Forms.ToolStripSplitButton
    Me.AbsensiMengajarToolStripMenuItem = New System.Windows.Forms.ToolStripMenuItem
    Me.AbsensiEkstraToolStripMenuItem = New System.Windows.Forms.ToolStripMenuItem
    Me.ToolStripButton3 = New System.Windows.Forms.ToolStripSplitButton
    Me.TunjanganGuruToolStripMenuItem = New System.Windows.Forms.ToolStripMenuItem
    Me.IntensifGuruToolStripMenuItem = New System.Windows.Forms.ToolStripMenuItem
    Me.CashbonToolStripMenuItem = New System.Windows.Forms.ToolStripMenuItem
```

```
        Me.ToolStripMenuItem2 = New
System.Windows.Forms.ToolStripSeparator
        Me.ProsesGajiToolStripMenuItem = New
System.Windows.Forms.ToolStripMenuItem
        Me.ToolStripButton4 = New
System.Windows.Forms.ToolStripSplitButton
        Me.DataMasterToolStripMenuItem =
New
System.Windows.Forms.ToolStripMenuItem
        Me.DataAbsensiToolStripMenuItem =
New
System.Windows.Forms.ToolStripMenuItem
        Me.DataTransaksiToolStripMenuItem =
New
System.Windows.Forms.ToolStripMenuItem
        Me.ToolStripMenuItem3 = New
System.Windows.Forms.ToolStripSeparator
        Me.CetakSlipToolStripMenuItem = New
System.Windows.Forms.ToolStripMenuItem
        Me.ToolStripSeparator2 = New
System.Windows.Forms.ToolStripSeparator
        Me.ToolStripButton5 = New
System.Windows.Forms.ToolStripSplitButton
        Me.ManajemenUserToolStripMenuItem
=                                   New
System.Windows.Forms.ToolStripMenuItem
        Me.DaftarUserToolStripMenuItem =
New
System.Windows.Forms.ToolStripMenuItem
        Me.UpdateUserToolStripMenuItem =
New
System.Windows.Forms.ToolStripMenuItem
        Me.ParameterToolStripMenuItem = New
System.Windows.Forms.ToolStripMenuItem
        Me.ToolStripButton6 = New
System.Windows.Forms.ToolStripButton
        Me.StatusStrip1 = New
System.Windows.Forms.StatusStrip
        Me.ToolStripStatusLabel1 = New
System.Windows.Forms.ToolStripStatusLabel
        Me.dgvDataBoard = New
System.Windows.Forms.DataGridView
        Me.PictureBox1 = New
System.Windows.Forms.PictureBox
        Me.btUpdateData = New
System.Windows.Forms.Button
        Me.btExportGridExcel = New
System.Windows.Forms.Button
        Me.ToolStrip1.SuspendLayout()
        Me.StatusStrip1.SuspendLayout()
        CType(Me.dgvDataBoard,
System.ComponentModel.ISupportInitialize).
BeginInit()
        CType(Me.PictureBox1,
System.ComponentModel.ISupportInitialize).
BeginInit()
        Me.SuspendLayout()
        '
        'ToolStrip1
        '
        Me.ToolStrip1.Items.AddRange(New
System.Windows.Forms.ToolStripItem()
{Me.ToolStripButton1,
Me.ToolStripSeparator1,
Me.ToolStripButton2,    Me.ToolStripButton7,
Me.ToolStripButton3,    Me.ToolStripButton4,
Me.ToolStripSeparator2,
Me.ToolStripButton5, Me.ToolStripButton6})
        Me.ToolStrip1.Location = New
System.Drawing.Point(0, 0)
        Me.ToolStrip1.Name = "ToolStrip1"
        Me.ToolStrip1.Size = New
System.Drawing.Size(728, 52)
        Me.ToolStrip1.TabIndex = 0
        Me.ToolStrip1.Text = "ToolStrip1"
        '
        'ToolStripButton1
        '
        Me.ToolStripButton1.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplay
Style.Image

Me.ToolStripButton1.DropDownItems.AddRa
nge(New
System.Windows.Forms.ToolStripItem()
{Me.LoginToolStripMenuItem,
Me.LogoutToolStripMenuItem,
Me.ToolStripMenuItem1,
Me.KeluarToolStripMenuItem})
        Me.ToolStripButton1.Image =
Global.PayrollGuru.My.Resources.Resources.f
ile_desc
        Me.ToolStripButton1.ImageScaling =
System.Windows.Forms.ToolStripItemImageS
caling.None

Me.ToolStripButton1.ImageTransparentColor
= System.Drawing.Color.Magenta
        Me.ToolStripButton1.Name =
"ToolStripButton1"
        Me.ToolStripButton1.Size = New
System.Drawing.Size(61, 49)
        Me.ToolStripButton1.Text = "Home"
        '
        'LoginToolStripMenuItem
        '
```

```
        Me.LoginToolStripMenuItem.Name = "LoginToolStripMenuItem"
        Me.LoginToolStripMenuItem.Size = New System.Drawing.Size(152, 22)
        Me.LoginToolStripMenuItem.Text = "Ubah Password"
        '
        'LogoutToolStripMenuItem
        '
        Me.LogoutToolStripMenuItem.Name = "LogoutToolStripMenuItem"
        Me.LogoutToolStripMenuItem.Size = New System.Drawing.Size(152, 22)
        Me.LogoutToolStripMenuItem.Text = "Logout"
        '
        'ToolStripMenuItem1
        '
        Me.ToolStripMenuItem1.Name = "ToolStripMenuItem1"
        Me.ToolStripMenuItem1.Size = New System.Drawing.Size(149, 6)
        '
        'KeluarToolStripMenuItem
        '
        Me.KeluarToolStripMenuItem.Name = "KeluarToolStripMenuItem"
        Me.KeluarToolStripMenuItem.Size = New System.Drawing.Size(152, 22)
        Me.KeluarToolStripMenuItem.Text = "Keluar"
        '
        'ToolStripSeparator1
        '
        Me.ToolStripSeparator1.Name = "ToolStripSeparator1"
        Me.ToolStripSeparator1.Size = New System.Drawing.Size(6, 52)
        '
        'ToolStripButton2
        '
        Me.ToolStripButton2.DisplayStyle = System.Windows.Forms.ToolStripItemDisplayStyle.Image

Me.ToolStripButton2.DropDownItems.AddRange(New System.Windows.Forms.ToolStripItem() {Me.InputDataGuruToolStripMenuItem, Me.InputDataTunjanganToolStripMenuItem, Me.DataInsentifToolStripMenuItem})
        Me.ToolStripButton2.Image = Global.PayrollGuru.My.Resources.Resources.dataMaster_desc
        Me.ToolStripButton2.ImageScaling = System.Windows.Forms.ToolStripItemImageScaling.None

Me.ToolStripButton2.ImageTransparentColor = System.Drawing.Color.Magenta
        Me.ToolStripButton2.Name = "ToolStripButton2"
        Me.ToolStripButton2.Size = New System.Drawing.Size(61, 49)
        Me.ToolStripButton2.Text = "Master"
        '
        'InputDataGuruToolStripMenuItem
        '

Me.InputDataGuruToolStripMenuItem.Name = "InputDataGuruToolStripMenuItem"

Me.InputDataGuruToolStripMenuItem.Size = New System.Drawing.Size(151, 22)

Me.InputDataGuruToolStripMenuItem.Text = "Data Guru"
        '
        'InputDataTunjanganToolStripMenuItem
        '

Me.InputDataTunjanganToolStripMenuItem.Name = "InputDataTunjanganToolStripMenuItem"

Me.InputDataTunjanganToolStripMenuItem.Size = New System.Drawing.Size(151, 22)

Me.InputDataTunjanganToolStripMenuItem.Text = "Data Tunjangan"
        '
        'DataInsentifToolStripMenuItem
        '

Me.DataInsentifToolStripMenuItem.Name = "DataInsentifToolStripMenuItem"
        Me.DataInsentifToolStripMenuItem.Size = New System.Drawing.Size(151, 22)
        Me.DataInsentifToolStripMenuItem.Text = "Data Insentif"
        '
        'ToolStripButton7
        '
        Me.ToolStripButton7.DisplayStyle = System.Windows.Forms.ToolStripItemDisplayStyle.Image

Me.ToolStripButton7.DropDownItems.AddRa
```

```
nge(New
System.Windows.Forms.ToolStripItem()
{Me.AbsensiMengajarToolStripMenuItem,
Me.AbsensiEkstraToolStripMenuItem})
        Me.ToolStripButton7.Image =
Global.PayrollGuru.My.Resources.Resources.
absensi_desc
        Me.ToolStripButton7.ImageScaling =
System.Windows.Forms.ToolStripItemImageS
caling.None

Me.ToolStripButton7.ImageTransparentColor
= System.Drawing.Color.Magenta
        Me.ToolStripButton7.Name =
"ToolStripButton7"
        Me.ToolStripButton7.Size = New
System.Drawing.Size(61, 49)
        Me.ToolStripButton7.Text = "Absensi"
        '
        'AbsensiMengajarToolStripMenuItem
        '

Me.AbsensiMengajarToolStripMenuItem.Nam
e = "AbsensiMengajarToolStripMenuItem"

Me.AbsensiMengajarToolStripMenuItem.Size
= New System.Drawing.Size(159, 22)

Me.AbsensiMengajarToolStripMenuItem.Text
= "Absensi Mengajar"
        '
        'AbsensiEkstraToolStripMenuItem
        '

Me.AbsensiEkstraToolStripMenuItem.Name =
"AbsensiEkstraToolStripMenuItem"

Me.AbsensiEkstraToolStripMenuItem.Size =
New System.Drawing.Size(159, 22)

Me.AbsensiEkstraToolStripMenuItem.Text =
"Absensi Ekstra"
        '
        'ToolStripButton3
        '
        Me.ToolStripButton3.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplay
Style.Image

Me.ToolStripButton3.DropDownItems.AddRa
nge(New
System.Windows.Forms.ToolStripItem()
{Me.TunjanganGuruToolStripMenuItem,
Me.IntensifGuruToolStripMenuItem,
Me.CashbonToolStripMenuItem,
Me.ToolStripMenuItem2,
Me.ProsesGajiToolStripMenuItem})
        Me.ToolStripButton3.Image =
Global.PayrollGuru.My.Resources.Resources.t
ransaksi_desc
        Me.ToolStripButton3.ImageScaling =
System.Windows.Forms.ToolStripItemImageS
caling.None

Me.ToolStripButton3.ImageTransparentColor
= System.Drawing.Color.Magenta
        Me.ToolStripButton3.Name =
"ToolStripButton3"
        Me.ToolStripButton3.Size = New
System.Drawing.Size(66, 49)
        Me.ToolStripButton3.Text = "Transaksi"
        '
        'TunjanganGuruToolStripMenuItem
        '

Me.TunjanganGuruToolStripMenuItem.Name
= "TunjanganGuruToolStripMenuItem"

Me.TunjanganGuruToolStripMenuItem.Size =
New System.Drawing.Size(151, 22)

Me.TunjanganGuruToolStripMenuItem.Text =
"Tunjangan Guru"
        '
        'IntensifGuruToolStripMenuItem
        '

Me.IntensifGuruToolStripMenuItem.Name =
"IntensifGuruToolStripMenuItem"
        Me.IntensifGuruToolStripMenuItem.Size
= New System.Drawing.Size(151, 22)
        Me.IntensifGuruToolStripMenuItem.Text
= "Insentif Guru"
        '
        'CashbonToolStripMenuItem
        '
        Me.CashbonToolStripMenuItem.Name =
"CashbonToolStripMenuItem"
        Me.CashbonToolStripMenuItem.Size =
New System.Drawing.Size(151, 22)
        Me.CashbonToolStripMenuItem.Text =
"Cashbon"
        '
        'ToolStripMenuItem2
        '
        Me.ToolStripMenuItem2.Name =
"ToolStripMenuItem2"
```

```
        Me.ToolStripMenuItem2.Size = New
System.Drawing.Size(148, 6)
        '
        'ProsesGajiToolStripMenuItem
        '
        Me.ProsesGajiToolStripMenuItem.Name
= "ProsesGajiToolStripMenuItem"
        Me.ProsesGajiToolStripMenuItem.Size =
New System.Drawing.Size(151, 22)
        Me.ProsesGajiToolStripMenuItem.Text =
"Proses Gaji"
        '
        'ToolStripButton4
        '
        Me.ToolStripButton4.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplay
Style.Image

Me.ToolStripButton4.DropDownItems.AddRa
nge(New
System.Windows.Forms.ToolStripItem()
{Me.DataMasterToolStripMenuItem,
Me.DataAbsensiToolStripMenuItem,
Me.DataTransaksiToolStripMenuItem,
Me.ToolStripMenuItem3,
Me.CetakSlipToolStripMenuItem})
        Me.ToolStripButton4.Image =
Global.PayrollGuru.My.Resources.Resources.r
eport_desc
        Me.ToolStripButton4.ImageScaling =
System.Windows.Forms.ToolStripItemImageS
caling.None

Me.ToolStripButton4.ImageTransparentColor
= System.Drawing.Color.Magenta
        Me.ToolStripButton4.Name =
"ToolStripButton4"
        Me.ToolStripButton4.Size = New
System.Drawing.Size(61, 49)
        Me.ToolStripButton4.Text = "Laporan"
        '
        'DataMasterToolStripMenuItem
        '


Me.DataMasterToolStripMenuItem.Name =
"DataMasterToolStripMenuItem"
        Me.DataMasterToolStripMenuItem.Size
= New System.Drawing.Size(145, 22)
        Me.DataMasterToolStripMenuItem.Text
= "Data Master"
        '
        'DataAbsensiToolStripMenuItem
        '


Me.DataAbsensiToolStripMenuItem.Name =
"DataAbsensiToolStripMenuItem"
        Me.DataAbsensiToolStripMenuItem.Size
= New System.Drawing.Size(145, 22)
        Me.DataAbsensiToolStripMenuItem.Text
= "Data Absensi"
        '
        'DataTransaksiToolStripMenuItem
        '


Me.DataTransaksiToolStripMenuItem.Name =
"DataTransaksiToolStripMenuItem"

Me.DataTransaksiToolStripMenuItem.Size =
New System.Drawing.Size(145, 22)

Me.DataTransaksiToolStripMenuItem.Text =
"Data Transaksi"
        '
        'ToolStripMenuItem3
        '
        Me.ToolStripMenuItem3.Name =
"ToolStripMenuItem3"
        Me.ToolStripMenuItem3.Size = New
System.Drawing.Size(142, 6)
        '
        'CetakSlipToolStripMenuItem
        '
        Me.CetakSlipToolStripMenuItem.Name
= "CetakSlipToolStripMenuItem"
        Me.CetakSlipToolStripMenuItem.Size =
New System.Drawing.Size(145, 22)
        Me.CetakSlipToolStripMenuItem.Text =
"Cetak Slip"
        '
        'ToolStripSeparator2
        '
        Me.ToolStripSeparator2.Name =
"ToolStripSeparator2"
        Me.ToolStripSeparator2.Size = New
System.Drawing.Size(6, 52)
        '
        'ToolStripButton5
        '
        Me.ToolStripButton5.DisplayStyle =
System.Windows.Forms.ToolStripItemDisplay
Style.Image

Me.ToolStripButton5.DropDownItems.AddRa
nge(New
System.Windows.Forms.ToolStripItem()
{Me.ManajemenUserToolStripMenuItem,
Me.ParameterToolStripMenuItem})
```

```
        Me.ToolStripButton5.Image = Global.PayrollGuru.My.Resources.Resources.settings_desc
        Me.ToolStripButton5.ImageScaling = System.Windows.Forms.ToolStripItemImageScaling.None

Me.ToolStripButton5.ImageTransparentColor = System.Drawing.Color.Magenta
        Me.ToolStripButton5.Name = "ToolStripButton5"
        Me.ToolStripButton5.Size = New System.Drawing.Size(61, 49)
        Me.ToolStripButton5.Text = "Panel Admin"
        Me.ToolStripButton5.Visible = False
        '
        'ManajemenUserToolStripMenuItem
        '

Me.ManajemenUserToolStripMenuItem.DropDownItems.AddRange(New System.Windows.Forms.ToolStripItem() {Me.DaftarUserToolStripMenuItem, Me.UpdateUserToolStripMenuItem})

Me.ManajemenUserToolStripMenuItem.Name = "ManajemenUserToolStripMenuItem"

Me.ManajemenUserToolStripMenuItem.Size = New System.Drawing.Size(124, 22)

Me.ManajemenUserToolStripMenuItem.Text = "Profil User"
        '
        'DaftarUserToolStripMenuItem
        '
        Me.DaftarUserToolStripMenuItem.Name = "DaftarUserToolStripMenuItem"
        Me.DaftarUserToolStripMenuItem.Size = New System.Drawing.Size(147, 22)
        Me.DaftarUserToolStripMenuItem.Text = "Daftarkan User"
        '
        'UpdateUserToolStripMenuItem
        '

Me.UpdateUserToolStripMenuItem.Name = "UpdateUserToolStripMenuItem"
        Me.UpdateUserToolStripMenuItem.Size = New System.Drawing.Size(147, 22)
        Me.UpdateUserToolStripMenuItem.Text = "Update User"
        '
        'ParameterToolStripMenuItem
        '
        Me.ParameterToolStripMenuItem.Name = "ParameterToolStripMenuItem"
        Me.ParameterToolStripMenuItem.Size = New System.Drawing.Size(124, 22)
        Me.ParameterToolStripMenuItem.Text = "Parameter"
        '
        'ToolStripButton6
        '
        Me.ToolStripButton6.DisplayStyle = System.Windows.Forms.ToolStripItemDisplayStyle.Image
        Me.ToolStripButton6.Image = Global.PayrollGuru.My.Resources.Resources.help_desc
        Me.ToolStripButton6.ImageScaling = System.Windows.Forms.ToolStripItemImageScaling.None

Me.ToolStripButton6.ImageTransparentColor = System.Drawing.Color.Magenta
        Me.ToolStripButton6.Name = "ToolStripButton6"
        Me.ToolStripButton6.Size = New System.Drawing.Size(49, 49)
        Me.ToolStripButton6.Text = "Help"
        '
        'StatusStrip1
        '
        Me.StatusStrip1.Items.AddRange(New System.Windows.Forms.ToolStripItem() {Me.ToolStripStatusLabel1})
        Me.StatusStrip1.Location = New System.Drawing.Point(0, 329)
        Me.StatusStrip1.Name = "StatusStrip1"
        Me.StatusStrip1.Size = New System.Drawing.Size(728, 22)
        Me.StatusStrip1.TabIndex = 1
        Me.StatusStrip1.Text = "StatusStrip1"
        '
        'ToolStripStatusLabel1
        '
        Me.ToolStripStatusLabel1.Name = "ToolStripStatusLabel1"
        Me.ToolStripStatusLabel1.Size = New System.Drawing.Size(142, 17)
        Me.ToolStripStatusLabel1.Text = "Sistem Informasi Penggajian"
        '
        'dgvDataBoard
        '
```

```
        Me.dgvDataBoard.Anchor = CType((((System.Windows.Forms.AnchorStyles.Top Or System.Windows.Forms.AnchorStyles.Bottom) _
                    Or System.Windows.Forms.AnchorStyles.Left) _
                    Or System.Windows.Forms.AnchorStyles.Right), System.Windows.Forms.AnchorStyles)

        Me.dgvDataBoard.ColumnHeadersHeightSizeMode = System.Windows.Forms.DataGridViewColumnHeadersHeightSizeMode.AutoSize
        Me.dgvDataBoard.Location = New System.Drawing.Point(12, 118)
        Me.dgvDataBoard.Name = "dgvDataBoard"
        Me.dgvDataBoard.ReadOnly = True
        Me.dgvDataBoard.Size = New System.Drawing.Size(704, 208)
        Me.dgvDataBoard.TabIndex = 2
        '
        'PictureBox1
        '
        Me.PictureBox1.Image = Global.PayrollGuru.My.Resources.Resources.Header_Main
        Me.PictureBox1.Location = New System.Drawing.Point(12, 62)
        Me.PictureBox1.Name = "PictureBox1"
        Me.PictureBox1.Size = New System.Drawing.Size(379, 50)
        Me.PictureBox1.TabIndex = 5
        Me.PictureBox1.TabStop = False
        '
        'btUpdateData
        '
        Me.btUpdateData.Anchor = CType((System.Windows.Forms.AnchorStyles.Top Or System.Windows.Forms.AnchorStyles.Right), System.Windows.Forms.AnchorStyles)

        Me.btUpdateData.BackgroundImageLayout = System.Windows.Forms.ImageLayout.Stretch
        Me.btUpdateData.Enabled = False
        Me.btUpdateData.Image = Global.PayrollGuru.My.Resources.Resources.editData_desc
        Me.btUpdateData.Location = New System.Drawing.Point(552, 55)
        Me.btUpdateData.Name = "btUpdateData"
        Me.btUpdateData.Size = New System.Drawing.Size(79, 57)
        Me.btUpdateData.TabIndex = 4

        Me.btUpdateData.UseVisualStyleBackColor = True
        '
        'btExportGridExcel
        '
        Me.btExportGridExcel.Anchor = CType((System.Windows.Forms.AnchorStyles.Top Or System.Windows.Forms.AnchorStyles.Right), System.Windows.Forms.AnchorStyles)

        Me.btExportGridExcel.BackgroundImageLayout = System.Windows.Forms.ImageLayout.Stretch
        Me.btExportGridExcel.Image = Global.PayrollGuru.My.Resources.Resources.buttonExcel1
        Me.btExportGridExcel.Location = New System.Drawing.Point(637, 55)
        Me.btExportGridExcel.Name = "btExportGridExcel"
        Me.btExportGridExcel.Size = New System.Drawing.Size(79, 57)
        Me.btExportGridExcel.TabIndex = 3

        Me.btExportGridExcel.UseVisualStyleBackColor = True
        '
        'MainForm
        '
        Me.AutoScaleDimensions = New System.Drawing.SizeF(6.0!, 13.0!)
        Me.AutoScaleMode = System.Windows.Forms.AutoScaleMode.Font
        Me.ClientSize = New System.Drawing.Size(728, 351)
        Me.ControlBox = False
        Me.Controls.Add(Me.PictureBox1)
        Me.Controls.Add(Me.btUpdateData)
        Me.Controls.Add(Me.btExportGridExcel)
        Me.Controls.Add(Me.dgvDataBoard)
        Me.Controls.Add(Me.StatusStrip1)
        Me.Controls.Add(Me.ToolStrip1)
        Me.Name = "MainForm"
        Me.Text = "Panel Utama Program Penggajian"
```

```
        Me.WindowState = System.Windows.Forms.FormWindowState.Maximized
        Me.ToolStrip1.ResumeLayout(False)
        Me.ToolStrip1.PerformLayout()
        Me.StatusStrip1.ResumeLayout(False)
        Me.StatusStrip1.PerformLayout()
        CType(Me.dgvDataBoard, System.ComponentModel.ISupportInitialize).EndInit()
        CType(Me.PictureBox1, System.ComponentModel.ISupportInitialize).EndInit()
        Me.ResumeLayout(False)
        Me.PerformLayout()

    End Sub
    Friend WithEvents ToolStrip1 As System.Windows.Forms.ToolStrip
    Friend WithEvents ToolStripSeparator1 As System.Windows.Forms.ToolStripSeparator
    Friend WithEvents ToolStripButton1 As System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents LoginToolStripMenuItem As System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents LogoutToolStripMenuItem As System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents ToolStripMenuItem1 As System.Windows.Forms.ToolStripSeparator
    Friend WithEvents KeluarToolStripMenuItem As System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents ToolStripButton2 As System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents InputDataGuruToolStripMenuItem As System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents InputDataTunjanganToolStripMenuItem As System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents DataInsentifToolStripMenuItem As System.Windows.Forms.ToolStripMenuItem

    Private Sub InputDataGuruToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles InputDataGuruToolStripMenuItem.Click
        InputDataGuru.ShowDialog()
    End Sub

    Private Sub KeluarToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles KeluarToolStripMenuItem.Click
        End
    End Sub
    Friend WithEvents StatusStrip1 As System.Windows.Forms.StatusStrip
    Friend WithEvents ToolStripStatusLabel1 As System.Windows.Forms.ToolStripStatusLabel

    Private Sub MainForm_Deactivate(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Deactivate

    End Sub

    Private Sub MainForm_Disposed(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Disposed

    End Sub

    Private Sub MainForm_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        If userRole = "True" Then
            ToolStripButton5.Visible = True
        Else
            ToolStripButton5.Visible = False
        End If
    End Sub

    Private Sub LoginToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles LoginToolStripMenuItem.Click
        FChgCurrentPass.ShowDialog()
    End Sub

    Private Sub MainForm_LostFocus(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.LostFocus

    End Sub

    Private Sub LogoutToolStripMenuItem_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles LogoutToolStripMenuItem.Click
```

```
        Me.Close()
        FLogin.Show()
    End Sub
    Friend WithEvents ToolStripButton3 As
System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents ToolStripSeparator2 As
System.Windows.Forms.ToolStripSeparator
    Friend WithEvents ToolStripButton4 As
System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents ToolStripButton5 As
System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents
ManajemenUserToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
ParameterToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem

    Private Sub
ParameterToolStripMenuItem_Click(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
ParameterToolStripMenuItem.Click
        FGlobalVar.ShowDialog()
    End Sub

    Private Sub
ToolStripButton2_ButtonClick(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
ToolStripButton2.ButtonClick

    End Sub
    Friend WithEvents ToolStripButton7 As
System.Windows.Forms.ToolStripSplitButton
    Friend WithEvents
AbsensiMengajarToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
AbsensiEkstraToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
IntensifGuruToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
CashbonToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents ToolStripMenuItem2 As
System.Windows.Forms.ToolStripSeparator
    Friend WithEvents
ProsesGajiToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
TunjanganGuruToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
DaftarUserToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
UpdateUserToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents dgvDataBoard As
System.Windows.Forms.DataGridView
    Friend WithEvents
DataMasterToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
DataAbsensiToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents
DataTransaksiToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents ToolStripMenuItem3 As
System.Windows.Forms.ToolStripSeparator
    Friend WithEvents btExportGridExcel As
System.Windows.Forms.Button
    Friend WithEvents btUpdateData As
System.Windows.Forms.Button
    Friend WithEvents
CetakSlipToolStripMenuItem As
System.Windows.Forms.ToolStripMenuItem
    Friend WithEvents PictureBox1 As
System.Windows.Forms.PictureBox
    Friend WithEvents ToolStripButton6 As
System.Windows.Forms.ToolStripButton
End Class
```

Form Input Data Guru

```
Imports System.Text.RegularExpressions
Imports System.Data
Imports System.Data.OleDb
Public Class InputDataGuru

    Private Sub TextBox2_TextChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
txtNamaDepan.TextChanged

    End Sub

    Private Sub AddGuru_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles AddGuru.Click
        Dim conf
```

```
        Dim JK As String
        Dim conn As New AccessData.DatabaseConnection
        Dim command As New OleDbCommand
        conn.close()

        If Trim(txtNIP.Text) = "" Or Trim(txtNamaDepan.Text) = "" Or Trim(txtNamaBelakang.Text) = "" Or Trim(txtAlamat.Text) = "" Or Trim(txtKota.Text) = "" Or Trim(txtTTL.Text) = "" Or Trim(txtTelp.Text) = "" Or Trim(txtHP.Text) = "" Or Trim(txtEmail.Text) = "" Then
            MsgBox("Tidak diperkenankan terdapat data kosong, mohon diperiksa kembali.", MsgBoxStyle.Critical, "Error")
        ElseIf EmailAddressCheck(txtEmail.Text) = False Then
            MsgBox("Email yang Anda masukkan tidak valid!", MsgBoxStyle.Critical, "Error")
        Else
            conf = MsgBox("Data NIP " & txtNIP.Text & " akan ditambahkan ke database", MsgBoxStyle.OkCancel, "Konfirmasi")
            If conf = vbOK Then
                'MsgBox(radioJKp.Checked)
                'MsgBox(radioJKw.Checked)
                'MsgBox(dtpLahir.Value.Date)

'MsgBox(checkStatusAktif.Checked)
                '##### START: beri nilai object radio Jenis Kelamin
                If radioJKp.Checked = True Then
                    JK = radioJKp.Text
                ElseIf radioJKw.Checked = True Then
                    JK = radioJKw.Text
                End If
                '##### END:
                command = conn.open.CreateCommand
                command.CommandText = "INSERT INTO Tbl_Guru VALUES('" & txtNIP.Text & "','" & txtNamaDepan.Text & "','" & txtNamaBelakang.Text & "','" & JK & "','" & txtAlamat.Text & "','" & txtKota.Text & "','" & txtTTL.Text & "','" & dtpLahir.Value.Date & "','" & txtTelp.Text & "','" & txtHP.Text & "','" & txtEmail.Text & "','" & dtpJoin.Value.Date & "'," & checkStatusAktif.Checked & ")"
                'MsgBox(command.CommandText)
                Try
                    conn.open()

                    command.ExecuteScalar()
                    MsgBox("Operasi sukses", MsgBoxStyle.Information, "Informasi")
                    conn.close()
                    command.Dispose()
                    Me.Dispose()
                    Me.Close()
                Catch ex As OleDbException
                    MsgBox(ex.Message, MsgBoxStyle.Critical, "OleDB Error")
                Catch ex As Exception
                    MsgBox(ex.Message, MsgBoxStyle.Critical, "General Error")
                End Try
            End If
        End If
    End Sub

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

    End Sub
End Class
```

Form Input Data Tunjangan

```
Imports System.Data
Imports System.Data.OleDb
Public Class InputDataTunjangan

    Private Sub InputDataTunjangan_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        cmbPeriodeTunjangan.SelectedIndex = 1
    End Sub

    Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btCancel.Click
        Me.Dispose()
        Me.Close()
    End Sub

    Private Sub btAddTunjangan_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btAddTunjangan.Click
        Dim conf
```

```
    Dim conn As New AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    conn.close()

    If Trim(txtKdTunjangan.Text) = "" Or Trim(txtNmTunjangan.Text) = "" Or Trim(txtUangTunjangan.Text) = "" Then
        MsgBox("Tidak diperkenankan terdapat data kosong, mohon diperiksa kembali.", MsgBoxStyle.Critical, "Error")
    ElseIf IsNumeric(txtUangTunjangan.Text) = False Then
        MsgBox("Kolom 'Uang Tunjangan' dan 'Angka Periode' harus bernilai numerik.", MsgBoxStyle.Critical, "Error")
    Else
        conf = MsgBox("Data kode tunjangan " & txtKdTunjangan.Text & " akan ditambahkan ke database", MsgBoxStyle.OkCancel, "Konfirmasi")
        If conf = vbOK Then
            command = conn.open.CreateCommand
            command.CommandText = "INSERT INTO Tbl_Tunjangan VALUES('" & txtKdTunjangan.Text & "','" & txtNmTunjangan.Text & "'," & txtUangTunjangan.Text & ",'" & cmbPeriodeTunjangan.Text & "','" & txtKeterangan.Text & "')"
            'MsgBox(command.CommandText)
            Try
                conn.open()

                command.ExecuteScalar()
                MsgBox("Operasi sukses", MsgBoxStyle.Information, "Informasi")
                conn.close()
                command.Dispose()
                Me.Dispose()
                Me.Close()
            Catch ex As OleDbException
                MsgBox(ex.Message, MsgBoxStyle.Critical, "OleDB Error")
            Catch ex As Exception
                MsgBox(ex.Message, MsgBoxStyle.Critical, "General Error")
            End Try
        End If
    End If
  End Sub

  Private Sub txtUangTunjangan_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtUangTunjangan.KeyPress
    Dim allowedChars As String = "0123456789"

    If allowedChars.IndexOf(e.KeyChar) = -1 Then
      ' Invalid Character
      e.Handled = True
    End If
  End Sub

  Private Sub txtUangTunjangan_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtUangTunjangan.TextChanged

  End Sub
End Class
```

Form Input Data Insentif

```
Imports System.Data
Imports System.Data.OleDb

Public Class InputDataInsentif

  Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btCancel.Click
    Me.Dispose()
    Me.Close()
  End Sub

  Private Sub btAddInsentif_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btAddInsentif.Click
    Dim conf
    Dim conn As New AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    conn.close()

    If Trim(txtKdInsentif.Text) = "" Or Trim(txtNmInsentif.Text) = "" Or Trim(txtSatuanInsentif.Text) = "" Or Trim(txtUangInsentif.Text) = "" Then
```

```
        MsgBox("Tidak diperkenankan terdapat data kosong, mohon diperiksa kembali.", MsgBoxStyle.Critical, "Error")
    ElseIf IsNumeric(txtUangInsentif.Text) = False Then
        MsgBox("Kolom 'Uang Insentif' harus bernilai numerik.", MsgBoxStyle.Critical, "Error")
    Else
        conf = MsgBox("Data kode intensif " & txtKdInsentif.Text & " akan ditambahkan ke database", MsgBoxStyle.OkCancel, "Konfirmasi")
        If conf = vbOK Then
            command = conn.open.CreateCommand
            command.CommandText = "INSERT INTO Tbl_Insentif VALUES('" & txtKdInsentif.Text & "','" & txtNmInsentif.Text & "','" & txtSatuanInsentif.Text & "'," & txtUangInsentif.Text & ",'" & txtKeterangan.Text & "')"
            'MsgBox(command.CommandText)
            Try
                conn.open()

                command.ExecuteScalar()
                MsgBox("Operasi sukses", MsgBoxStyle.Information, "Informasi")
                conn.close()
                command.Dispose()
                Me.Dispose()
                Me.Close()
            Catch ex As OleDbException
                MsgBox(ex.Message, MsgBoxStyle.Critical, "OleDB Error")
            Catch ex As Exception
                MsgBox(ex.Message, MsgBoxStyle.Critical, "General Error")
            End Try
        End If
    End If
  End Sub

  Private Sub txtUangInsentif_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtUangInsentif.KeyPress
    Dim allowedChars As String = "0123456789"
    If allowedChars.IndexOf(e.KeyChar) = -1 Then
        ' Invalid Character
        e.Handled = True
    End If
  End Sub

  Private Sub txtUangInsentif_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtUangInsentif.TextChanged

  End Sub

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

  End Sub
End Class
```

Form Absen Mengajar

```
Imports System.Data
Imports System.Data.OleDb

Public Class FAbsensi
  Dim conn As New AccessData.DatabaseConnection
  Dim command As New OleDbCommand
  Dim adapter As New OleDbDataAdapter
  Dim dataset As New DataSet

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

    command = conn.open.CreateCommand
    command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] where [Aktif]=True"

    adapter.SelectCommand = command
    adapter.Fill(dataset, "dsTbl_Guru")

    dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
    If dgvMiniSearchGuru.Rows.Count < 1 Then
        btPickNIP.Enabled = False
    Else
```

```
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)

    End Sub

    Private Sub btCancel_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btCancel.Click
        Me.Dispose()
        Me.Close()
    End Sub

    Private Sub btPickNIP_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btPickNIP.Click
        txtNIP.Text = dgvMiniSearchGuru.CurrentRow.Cells(0).Value
    End Sub

    Private Sub btMiniSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btMiniSearch.Click
        Dim kriteria As String
        If radioNIP.Checked = True Then
            kriteria = "where (UCase([NIP]) LIKE '%" & UCase(txtMiniSearch.Text) & "%')"
        ElseIf radioNama.Checked = True Then
            kriteria = "where (UCase([Nama_Depan]) LIKE '%" & UCase(txtMiniSearch.Text) & "%' OR UCase([Nama_Belakang]) LIKE '%" & UCase(txtMiniSearch.Text) & "%')"
        End If
        dataset.Clear()
        command = conn.open.CreateCommand
        command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] " & kriteria & " and [Aktif]=True"

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsTbl_Guru")

        dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1 Then
            btPickNIP.Enabled = False
        Else
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()
    End Sub

    Private Sub btSubmit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit.Click
        Dim t1, t2 As DateTime
        Dim conf
        Dim conn As New AccessData.DatabaseConnection
        Dim command As New OleDbCommand
        conn.close()

        t1 = numHour1.Value.ToString & ":" & numMinute1.Value.ToString
        t2 = numHour2.Value.ToString & ":" & numMinute2.Value.ToString

        If Trim(txtKdAbsen.Text) = "" Or Trim(txtNIP.Text) = "" Or Trim(txtKelas.Text) = "" Or Trim(txtMapel.Text) = "" Or Trim(txtTopik.Text) = "" Then

'MsgBox(Int(DateDiff(DateInterval.Minute, t1, t2) / 60))

'MsgBox(Int(DateDiff(DateInterval.Minute, t1, t2) / 60) * valGV(0))
            MsgBox("Tidak diperkenankan terdapat data kosong, mohon diperiksa kembali.", MsgBoxStyle.Critical, "Error")
        ElseIf DateDiff(DateInterval.Minute, t1, t2) <= 0 Then
            MsgBox("Tentukan Jam Masuk dan Jam Keluar dengan benar.", MsgBoxStyle.Critical, "Error")
        ElseIf dtpAbsen.Value.Date > System.DateTime.Today Then
            MsgBox("Tentukan Tanggal Absen dengan benar.", MsgBoxStyle.Critical, "Error")
        Else
            conf = MsgBox("Data Absensi mengajar NIP " & txtNIP.Text & " akan ditambahkan ke database", MsgBoxStyle.OkCancel, "Konfirmasi")
```

```
        If conf = vbOK Then
            command = conn.open.CreateCommand
            command.CommandText = "INSERT INTO [Tbl_Absensi_Mengajar] VALUES('" & txtKdAbsen.Text & "','" & txtNIP.Text & "','" & dtpAbsen.Value.Date & "','" & t1 & "','" & t2 & "','" & txtKelas.Text & "','" & txtMapel.Text & "','" & txtTopik.Text & "'," & Int(DateDiff(DateInterval.Minute, t1, t2) / 60) & "," & Int(DateDiff(DateInterval.Minute, t1, t2) / 60) * valGV(0) & ")"
            Try
                conn.open()

                command.ExecuteScalar()
                MsgBox("Operasi sukses", MsgBoxStyle.Information, "Informasi")
                conn.close()
                command.Dispose()
                Me.Dispose()
                Me.Close()
            Catch ex As OleDbException
                MsgBox(ex.Message, MsgBoxStyle.Critical, "OleDB Error")
            Catch ex As Exception
                MsgBox(ex.Message, MsgBoxStyle.Critical, "General Error")
            End Try
        End If
    End If
  End Sub
End Class
```

Form Absen Ekstrakurikuler

```
Imports System.Data
Imports System.Data.OleDb
Imports System.Math
Public Class FAbsensiEkstra
  Dim conn As New AccessData.DatabaseConnection
  Dim command As New OleDbCommand
  Dim adapter As New OleDbDataAdapter
  Dim dataset As New DataSet
  Dim t1, t2 As DateTime

  Private Sub countJmlJam()
    Dim jmljam, jmlmenit As Integer
    t1 = numHour1.Value.ToString & ":" & numMinute1.Value.ToString
    t2 = numHour2.Value.ToString & ":" & numMinute2.Value.ToString
    If t2 > t1 Then
      'txtJmlJam.Text = DateDiff(DateInterval.Minute, t1, t2)
      jmljam = Math.Truncate(DateDiff(DateInterval.Minute, t1, t2) / 60)
      jmlmenit = DateDiff(DateInterval.Minute, t1, t2) Mod 60
      txtJmlJam.Text = jmljam & ":" & jmlmenit
    End If
  End Sub

  Private Sub btCancel_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btCancel.Click
    Me.Dispose()
    Me.Close()
  End Sub

  Private Sub FAbsensiEkstra_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    On Error Resume Next
    command = conn.open.CreateCommand
    command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] where [Aktif]=True"

    adapter.SelectCommand = command
    adapter.Fill(dataset, "dsTbl_Guru")

    dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
    If dgvMiniSearchGuru.Rows.Count < 1 Then
      btPickNIP.Enabled = False
    Else
      btPickNIP.Enabled = True
    End If
    conn.close()
    command.Dispose()

    '##### START : Isi datacombo box dengan data tunjangan
    command = conn.open.CreateCommand
    command.CommandText = "select [kd_tunjangan],[nm_tunjangan] from [Tbl_Tunjangan] where [periode_tunjangan] in ('Jam','Hari')"
```

```
        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsRefTunjangan")
        With cmbKdTunjangan
            .DataSource = dataset.Tables("dsRefTunjangan")
            .DisplayMember = "nm_tunjangan"
            .ValueMember = "kd_tunjangan"
            .SelectedIndex = 0
        End With
        conn.close()
        command.Dispose()
        '##### END : Isi data combobox dengan data tunjangan
    End Sub

    Private Sub btMiniSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btMiniSearch.Click
        Dim kriteria As String
        If radioNIP.Checked = True Then
            kriteria = "where (UCase([NIP]) LIKE '%" & UCase(txtMiniSearch.Text) & "%')"
        ElseIf radioNama.Checked = True Then
            kriteria = "where (UCase([Nama_Depan]) LIKE '%" & UCase(txtMiniSearch.Text) & "%' OR UCase([Nama_Belakang]) LIKE '%" & UCase(txtMiniSearch.Text) & "%')"
        End If
        dataset.Clear()
        command = conn.open.CreateCommand
        command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] " & kriteria & " and [Aktif]=True"

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsTbl_Guru")

        dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1 Then
            btPickNIP.Enabled = False
        Else
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()
    End Sub

    Private Sub btPickNIP_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btPickNIP.Click
        txtNIP.Text = dgvMiniSearchGuru.CurrentRow.Cells(0).Value
    End Sub

    Private Sub btSubmit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit.Click
        Dim conf, tglaktif, tglnonaktif
        Dim jmlhonor As Integer
        Dim dsCekValidTunjangan As New DataSet
        Dim drCekValidTunjangan As OleDbDataReader

        conn.close()

        t1 = numHour1.Value.ToString & ":" & numMinute1.Value.ToString
        t2 = numHour2.Value.ToString & ":" & numMinute2.Value.ToString

        If Trim(txtKdAbsen.Text) = "" Or Trim(txtNIP.Text) = "" Or Trim(cmbKdTunjangan.SelectedValue) = "" Then
            MsgBox("Tidak diperkenankan terdapat data kosong, mohon diperiksa kembali.", MsgBoxStyle.Critical, "Error")
        ElseIf DateDiff(DateInterval.Minute, t1, t2) <= 0 Then
            MsgBox("Tentukan Jam Masuk dan Jam Keluar dengan benar.", MsgBoxStyle.Critical, "Error")
        ElseIf dtpAbsen.Value.Date > System.DateTime.Today Then
            MsgBox("Tentukan Tanggal Absen dengan benar.", MsgBoxStyle.Critical, "Error")
        Else
            command = conn.open.CreateCommand
            command.CommandText = "select * from [Tbl_Trans_Tunjangan] where [NIP]='" & Trim(txtNIP.Text) & "' and [kd_tunjangan]='" & cmbKdTunjangan.SelectedValue & "'"
            adapter.SelectCommand = command
            adapter.Fill(dsCekValidTunjangan, "cekTunjanganNIP")
```

```
        If dsCekValidTunjangan.Tables(0).Rows.Count >= 1 Then
            drCekValidTunjangan = command.ExecuteReader
            drCekValidTunjangan.Read()

            tglaktif = drCekValidTunjangan.Item(2)
            tglnonaktif = drCekValidTunjangan.Item(3)

            dsCekValidTunjangan.Clear()

            conn.close()
            command.Dispose()
            command = conn.open.CreateCommand
            command.CommandText = "select a.*,b.[nm_tunjangan],b.[gaji_tunjangan] as Bhonor_tunjangan,b.[periode_tunjangan] as Bperiode_tunjangan from [Tbl_Trans_Tunjangan] a inner join [Tbl_Tunjangan] b on a.[kd_tunjangan]=b.[kd_tunjangan] where a.[NIP]='" & Trim(txtNIP.Text) & "' and a.[kd_tunjangan]='" & cmbKdTunjangan.SelectedValue & "' and (#" & dtpAbsen.Value.Date & "# between #" & tglaktif & "# and #" & tglnonaktif & "#)"

            adapter.SelectCommand = command
            adapter.Fill(dsCekValidTunjangan, "cekTunjanganNIP")
            drCekValidTunjangan = command.ExecuteReader
            drCekValidTunjangan.Read()
            If dsCekValidTunjangan.Tables(0).Rows.Count >= 1 Then
                If (drCekValidTunjangan.Item("Bperiode_tunjangan") = "Hari") Then
                    jmlhonor = drCekValidTunjangan.Item("Bhonor_tunjangan")
                ElseIf (drCekValidTunjangan.Item("Bperiode_tunjangan") = "Jam") Then
                    jmlhonor = drCekValidTunjangan.Item("Bhonor_tunjangan") * Math.Truncate(DateDiff(DateInterval.Minute, t1, t2) / 60)
                End If
                conn.close()
                command.Dispose()
                conf = MsgBox("Data absensi " & cmbKdTunjangan.Text & " dengan NIP " & txtNIP.Text & " akan ditambahkan ke database", MsgBoxStyle.OkCancel, "Konfirmasi")
                If conf = vbOK Then
                    command = conn.open.CreateCommand
                    command.CommandText = "insert into [Tbl_Absensi_Ekstra] values('" & Trim(txtKdAbsen.Text) & "','" & Trim(txtNIP.Text) & "','" & cmbKdTunjangan.SelectedValue & "','" & dtpAbsen.Value.Date & "','" & t1 & "','" & t2 & "','" & Math.Truncate(DateDiff(DateInterval.Minute, t1, t2) / 60) & "," & jmlhonor & ")"
                    Try
                        conn.open()

                        command.ExecuteScalar()
                        MsgBox("Operasi sukses", MsgBoxStyle.Information, "Informasi")
                        conn.close()
                        command.Dispose()
                        Me.Dispose()
                        Me.Close()
                    Catch ex As OleDbException
                        MsgBox(ex.Message, MsgBoxStyle.Critical, "OleDB Error")
                    Catch ex As Exception
                        MsgBox(ex.Message, MsgBoxStyle.Critical, "General Error")
                    End Try
                End If
            Else
                MsgBox("Tunjangan " & cmbKdTunjangan.Text & " untuk NIP " & txtNIP.Text & " tidak berada dalam masa aktif", MsgBoxStyle.Critical, "Error")
            End If
            'command.CommandText = "select * from [Tbl_Trans_Tunjangan] where "
            'MsgBox(command.CommandText)
        Else
            MsgBox("NIP " & txtNIP.Text & " tidak terdaftar untuk menerima tunjangan " & cmbKdTunjangan.Text, MsgBoxStyle.Critical, "Error")
        End If
    End If
```

```
    End Sub

    Private Sub numHour1_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles numHour1.ValueChanged
        Call countJmlJam()
    End Sub

    Private Sub numHour2_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles numHour2.ValueChanged
        Call countJmlJam()
    End Sub

    Private Sub numMinute1_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles numMinute1.ValueChanged
        Call countJmlJam()
    End Sub

    Private Sub numMinute2_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles numMinute2.ValueChanged
        Call countJmlJam()
    End Sub
End Class
```

Form Cashbon

```
Imports System.Data
Imports System.Data.OleDb
Public Class FCashbon
    Dim conn As New AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet

    Private Sub FCashbon_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        command = conn.open.CreateCommand
        command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] where [Aktif]=True"

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsTbl_Guru")

        dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1 Then
            btPickNIP.Enabled = False
        Else
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()
    End Sub

    Private Sub btMiniSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btMiniSearch.Click
        Dim kriteria As String
        If radioNIP.Checked = True Then
            kriteria = "where (UCase([NIP]) LIKE '%" & UCase(txtMiniSearch.Text) & "%')"
        ElseIf radioNama.Checked = True Then
            kriteria = "where (UCase([Nama_Depan]) LIKE '%" & UCase(txtMiniSearch.Text) & "%' OR UCase([Nama_Belakang]) LIKE '%" & UCase(txtMiniSearch.Text) & "%')"
        End If
        dataset.Clear()
        command = conn.open.CreateCommand
        command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] " & kriteria & " and [Aktif]=True"

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsTbl_Guru")

        dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1 Then
            btPickNIP.Enabled = False
        Else
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()
    End Sub
```

```
    Private Sub btPickNIP_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btPickNIP.Click
        txtNIP.Text = dgvMiniSearchGuru.CurrentRow.Cells(0).Value
    End Sub

    Private Sub btCancel_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btCancel.Click
        Me.Dispose()
        Me.Close()
    End Sub

    Private Sub btSubmit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit.Click
        Dim conf
        If Trim(txtKdCashbon.Text) = "" Or Trim(txtNIP.Text) = "" Or Trim(txtNmCashbon.Text) = "" Or Trim(txtJmlCashbon.Text) = "" Then
            MsgBox("Tidak diperkenankan terdapat data kosong, mohon diperiksa kembali.", MsgBoxStyle.Critical, "Error")
        ElseIf dtpCashbon.Value.Date > System.DateTime.Today Then
            MsgBox("Tentukan Tanggal Cashbon dengan benar.", MsgBoxStyle.Critical, "Error")
        Else
            conf = MsgBox("Data cashbon NIP " & txtNIP.Text & " sebesar " & txtJmlCashbon.Text & " akan ditambahkan ke database", MsgBoxStyle.OkCancel, "Konfirmasi")
            If conf = vbOK Then
                command = conn.open.CreateCommand
                command.CommandText = "INSERT INTO [Tbl_Cashbon] VALUES('" & txtKdCashbon.Text & "','" & txtNIP.Text & "','" & txtNmCashbon.Text & "','" & dtpCashbon.Value.Date & "'," & txtJmlCashbon.Text & ",'" & txtKeterangan.Text & "')"
                Try
                    conn.open()

                    command.ExecuteScalar()
                    MsgBox("Operasi sukses", MsgBoxStyle.Information, "Informasi")
                    conn.close()
                    command.Dispose()
                    Me.Dispose()
                    Me.Close()
                Catch ex As OleDbException
                    MsgBox(ex.Message, MsgBoxStyle.Critical, "OleDB Error")
                Catch ex As Exception
                    MsgBox(ex.Message, MsgBoxStyle.Critical, "General Error")
                End Try
            End If
        End If
    End Sub

    Private Sub txtJmlCashbon_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtJmlCashbon.KeyPress
        Dim allowedChars As String = "0123456789"

        If allowedChars.IndexOf(e.KeyChar) = -1 Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

    Private Sub txtJmlCashbon_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtJmlCashbon.TextChanged

    End Sub
End Class
```

Form Insentif Guru

```
Imports System.Data
Imports System.Data.OleDb

Public Class FInsentifGuru
    Dim conn As New AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet
    Dim reader As OleDbDataReader
```

```
  Private Sub FInsentifGuru_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
      On Error Resume Next
      '##### START : Isi Data Grid View untuk pencarian NIP
      command = conn.open.CreateCommand
      command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] where [Aktif]=True"

      adapter.SelectCommand = command
      adapter.Fill(dataset, "dsTbl_Guru")

      dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
      If dgvMiniSearchGuru.Rows.Count < 1 Then
         btPickNIP.Enabled = False
      Else
         btPickNIP.Enabled = True
      End If
      conn.close()
      command.Dispose()
      '##### END : Isi Data Grid View untuk pencarian NIP

      '##### START : Isi datacombo box dengan data tunjangan
      command = conn.open.CreateCommand
      command.CommandText = "select * from [Tbl_Insentif]"

      adapter.SelectCommand = command
      adapter.Fill(dataset, "dsRefInsentif")
      With cmbKdInsentif
         .DataSource = dataset.Tables("dsRefInsentif")
         .DisplayMember = "nm_insentif"
         .ValueMember = "kd_insentif"
         .SelectedIndex = 0
      End With
      conn.close()
      command.Dispose()
      '##### END : Isi data combobox dengan data tunjangan

      '##### START : Get detail satuan dan honor insentif
      command = conn.open.CreateCommand
      command.CommandText = "select * from [Tbl_Insentif] where [kd_insentif]='" & cmbKdInsentif.SelectedValue & "'"
      adapter.SelectCommand = command
      adapter.Fill(dataset, "dsRefDetInsentif")
      reader = command.ExecuteReader
      reader.Read()
      txtTransHonorIns.Text = reader.Item("uang_insentif")
      lblQty.Text = reader.Item("satuan")
      conn.close()
      command.Dispose()
      'detInsentif()
      '##### END : Get detail satuan dan honor insentif
  End Sub

  Private Sub Cancel_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btCancel.Click
      Me.Dispose()
      Me.Close()
  End Sub

  Private Sub btMiniSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btMiniSearch.Click
      Dim kriteria As String
      If radioNIP.Checked = True Then
         kriteria = "where (UCase([NIP]) LIKE '%" & UCase(txtMiniSearch.Text) & "%')"
      ElseIf radioNama.Checked = True Then
         kriteria = "where (UCase([Nama_Depan]) LIKE '%" & UCase(txtMiniSearch.Text) & "%' OR UCase([Nama_Belakang]) LIKE '%" & UCase(txtMiniSearch.Text) & "%')"
      End If
      dataset.Clear()
      command = conn.open.CreateCommand
      command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] " & kriteria & " and [Aktif]=True"

      adapter.SelectCommand = command
      adapter.Fill(dataset, "dsTbl_Guru")

      dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
      If dgvMiniSearchGuru.Rows.Count < 1 Then
         btPickNIP.Enabled = False
      Else
         btPickNIP.Enabled = True
```

```
        End If
        conn.close()
        command.Dispose()
    End Sub

    Private Sub btPickNIP_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btPickNIP.Click
        txtNIP.Text = dgvMiniSearchGuru.CurrentRow.Cells(0).Value
    End Sub

    Private Sub btSubmit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit.Click
        Dim conf
        If Trim(txtKdTransIns.Text) = "" Or Trim(txtNIP.Text) = "" Or Trim(cmbKdInsentif.Text) = "" Or Trim(txtTransHonorIns.Text) = "" Or Trim(txtQty.Text) = "" Then
            MsgBox("Tidak diperkenankan terdapat data kosong, mohon diperiksa kembali.", MsgBoxStyle.Critical, "Error")
        ElseIf dtpTransIns.Value.Date > System.DateTime.Today Then
            MsgBox("Tentukan tanggal pemberian insentif dengan benar.", MsgBoxStyle.Critical, "Error")
        Else
            conf = MsgBox("Data insentif NIP " & txtNIP.Text & " sebesar " & txtTransHonorIns.Text * Trim(txtQty.Text) & " akan ditambahkan ke database", MsgBoxStyle.OkCancel, "Konfirmasi")
            If conf = vbOK Then
                command = conn.open.CreateCommand
                command.CommandText = "insert into [Tbl_Trans_Insentif] values('" & Trim(txtKdTransIns.Text) & "','" & Trim(txtNIP.Text) & "','" & cmbKdInsentif.SelectedValue & "','" & dtpTransIns.Value.Date & "'," & txtTransHonorIns.Text & "," & Trim(txtQty.Text) & "," & txtTransHonorIns.Text * Trim(txtQty.Text) & ")"
                Try
                    conn.open()

                    command.ExecuteScalar()
                    MsgBox("Operasi sukses", MsgBoxStyle.Information, "Informasi")
                    conn.close()
                    command.Dispose()
                    Me.Dispose()
                    Me.Close()
                Catch ex As OleDbException
                    MsgBox(ex.Message, MsgBoxStyle.Critical, "OleDB Error")
                Catch ex As Exception
                    MsgBox(ex.Message, MsgBoxStyle.Critical, "General Error")
                End Try
            End If
        End If
    End Sub

    Private Sub txtQty_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtQty.KeyPress
        Dim allowedChars As String = "0123456789"

        If allowedChars.IndexOf(e.KeyChar) = -1 Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

    Private Sub txtQty_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtQty.TextChanged

    End Sub

    Private Sub cmbKdInsentif_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles cmbKdInsentif.SelectedIndexChanged
        On Error Resume Next
        '##### START : Get detail satuan dan honor insentif
        Dim valins
        valins = cmbKdInsentif.SelectedValue
        command = conn.open.CreateCommand
        command.CommandText = "select * from [Tbl_Insentif] where [kd_insentif]='" & valins & "'"

        adapter.SelectCommand = command
```

```
        adapter.Fill(dataset, "dsRefDetInsentif")
        reader = command.ExecuteReader
        reader.Read()
        txtTransHonorIns.Text = reader.Item("uang_insentif")
        lblQty.Text = reader.Item("satuan")
        conn.close()
        command.Dispose()
        'detInsentif()
        '##### END : Get detail satuan dan honor insentif
    End Sub
End Class
```

Form Tunjangan Guru

```
Imports System.Data
Imports System.Data.OleDb
Public Class FTunjanganGuru
    Dim conn As New AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet

    Private Sub FTunjanganGuru_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        On Error Resume Next
        '##### START : Isi Data Grid View untuk pencarian NIP
        command = conn.open.CreateCommand
        command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] where [Aktif]=True"

        adapter.SelectCommand = command
        adapter.Fill(DataSet, "dsTbl_Guru")

        dgvMiniSearchGuru.DataSource = DataSet.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1 Then
            btPickNIP.Enabled = False
        Else
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()
        '##### END : Isi Data Grid View untuk pencarian NIP

        '##### START : Isi datacombo box dengan data tunjangan
        command = conn.open.CreateCommand
        command.CommandText = "select [kd_tunjangan],[nm_tunjangan] from [Tbl_Tunjangan] where [kd_tunjangan] <> '" & paramGV(2) & "'"

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsRefTunjangan")
        With cmbKdTunjangan
            .DataSource = dataset.Tables("dsRefTunjangan")
            .DisplayMember = "nm_tunjangan"
            .ValueMember = "kd_tunjangan"
            .SelectedIndex = 0
        End With
        conn.close()
        command.Dispose()
        '##### END : Isi data combobox dengan data tunjangan

    End Sub

    Private Sub btMiniSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btMiniSearch.Click
        Dim kriteria As String
        If radioNIP.Checked = True Then
            kriteria = "where (UCase([NIP]) LIKE '%" & UCase(txtMiniSearch.Text) & "%')"
        ElseIf radioNama.Checked = True Then
            kriteria = "where (UCase([Nama_Depan]) LIKE '%" & UCase(txtMiniSearch.Text) & "%' OR UCase([Nama_Belakang]) LIKE '%" & UCase(txtMiniSearch.Text) & "%')"
        End If
        dataset.Clear()
        command = conn.open.CreateCommand
        command.CommandText = "select [NIP],[Nama_Depan],[Nama_Belakang],[Tanggal_Join],[Aktif] from [Tbl_Guru] " & kriteria & " and [Aktif]=True"

        adapter.SelectCommand = command
        adapter.Fill(dataset, "dsTbl_Guru")

        dgvMiniSearchGuru.DataSource = dataset.Tables("dsTbl_Guru")
        If dgvMiniSearchGuru.Rows.Count < 1 Then
            btPickNIP.Enabled = False
```

```
        Else
            btPickNIP.Enabled = True
        End If
        conn.close()
        command.Dispose()
    End Sub

    Private Sub btCancel_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btCancel.Click
        Me.Dispose()
        Me.Close()
    End Sub

    Private Sub btPickNIP_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btPickNIP.Click
        txtNIP.Text = dgvMiniSearchGuru.CurrentRow.Cells(0).Value
    End Sub

    Private Sub btSubmit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit.Click
        Dim conf
        conn.close()

        If Trim(txtNIP.Text) = "" Or Trim(cmbKdTunjangan.SelectedValue) = "" Then
            MsgBox("Tidak diperkenankan terdapat data kosong, mohon diperiksa kembali.", MsgBoxStyle.Critical, "Error")
        ElseIf dtpTglAktif.Value.Date >= dtpTglNonAktif.Value.Date Then
            MsgBox("Tentukan tanggal tunjangan dengan benar.", MsgBoxStyle.Critical, "Error")
        Else
            conf = MsgBox("Data Tunjangan " & cmbKdTunjangan.Text & " untuk NIP " & txtNIP.Text & " akan ditambahkan ke database", MsgBoxStyle.OkCancel, "Konfirmasi")
            If conf = vbOK Then

'MsgBox(cmbKdTunjangan.SelectedValue)
                command = conn.open.CreateCommand
                command.CommandText = "INSERT INTO [Tbl_Trans_Tunjangan] VALUES('" & txtNIP.Text & "','" & cmbKdTunjangan.SelectedValue & "','" & dtpTglAktif.Value.Date & "','" & dtpTglNonAktif.Value.Date & "')"
                Try
                    conn.open()

                    command.ExecuteScalar()
                    MsgBox("Operasi sukses", MsgBoxStyle.Information, "Informasi")
                    conn.close()
                    command.Dispose()
                    Me.Dispose()
                    Me.Close()
                Catch ex As OleDbException
                    MsgBox(ex.Message, MsgBoxStyle.Critical, "OleDB Error")
                Catch ex As Exception
                    MsgBox(ex.Message, MsgBoxStyle.Critical, "General Error")
                End Try
            End If
        End If
    End Sub
End Class
```

Form Proses Gaji

```
Imports System.Data
Imports System.Data.OleDb
Public Class FProsesGaji
    Dim conn As New AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet
    Dim reader As OleDbDataReader
    Private Sub TextBox1_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtTahun.KeyPress
        Dim allowedChars As String = "0123456789"

        If allowedChars.IndexOf(e.KeyChar) = -1 Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

    Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtTahun.TextChanged
```

```
    End Sub

    Private Sub GroupBox1_Enter(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles GroupBox1.Enter
        cmbBulanGaji.SelectedIndex = 0
    End Sub

    Private Sub FProsesGaji_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        txtTahun.Text = System.DateTime.Today.Year
        If userRole = "True" Then
            chkResetGenerate.Enabled = True
        ElseIf userRole = "False" Then
            chkResetGenerate.Enabled = False
        End If
    End Sub

    Private Sub btCancel_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btCancel.Click
        Me.Dispose()
        Me.Close()
    End Sub

    Private Sub btGenerate_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btGenerate.Click
        Dim bulanGaji As Integer
        Select Case (cmbBulanGaji.Text)
            Case "Januari"
                bulanGaji = 1
            Case "Februari"
                bulanGaji = 2
            Case "Maret"
                bulanGaji = 3
            Case "April"
                bulanGaji = 4
            Case "Mei"
                bulanGaji = 5
            Case "Juni"
                bulanGaji = 6
            Case "Juli"
                bulanGaji = 7
            Case "Agustus"
                bulanGaji = 8
            Case "September"
                bulanGaji = 9
            Case "Oktober"
                bulanGaji = 10
            Case "November"
                bulanGaji = 11
            Case "Desember"
                bulanGaji = 12
        End Select

        Dim selectedPeriode As Date
        selectedPeriode = Convert.ToDateTime(bulanGaji & "/" & valGV(1) & "/" & Trim(txtTahun.Text))

        '### TEST DATE ARITHMETIC
        'MsgBox(selectedPeriode)
        'MsgBox(DateAdd(DateInterval.Day, 1, DateAdd("m", -1, selectedPeriode)))
        'Me.Dispose()
        'Me.Close()
        '### END

        'MsgBox(selectedPeriode)

'MsgBox(Format(System.DateTime.Today, "MM/dd/yyyy"))

        If Trim(txtTahun.Text) = "" Then
            MsgBox("Tidak diperkenankan terdapat data kosong, mohon diperiksa kembali.", MsgBoxStyle.Critical, "Error")
        ElseIf selectedPeriode > Format(System.DateTime.Today, "MM/dd/yyyy") Then
            MsgBox("Tentukan Periode Gaji dengan benar.", MsgBoxStyle.Critical, "Error")
        Else
            If chkResetGenerate.Checked = True Then
                command = conn.open.CreateCommand
                command.CommandText = "delete from [Tbl_Hist_Tunjangan] where [bulan]='" & cmbBulanGaji.Text & "' and [tahun]=" & txtTahun.Text
                command.ExecuteScalar()
                command.Dispose()
                MsgBox("Proses CleanUp Tunjangan History: done", MsgBoxStyle.Information, "Information")

                command = conn.open.CreateCommand
                command.CommandText = "delete from [Tbl_Hist_Insentif] where [bulan]='" & cmbBulanGaji.Text & "' and [tahun]=" & txtTahun.Text
```

```
            command.ExecuteScalar()
            command.Dispose()
            MsgBox("Proses CleanUp Insentif History: done", MsgBoxStyle.Information, "Information")

            command = conn.open.CreateCommand
            command.CommandText = "delete from [Tbl_Slip_Gaji] where [tgl_slip]=#" & selectedPeriode & "#"
            command.ExecuteScalar()
            command.Dispose()
            MsgBox("Proses CleanUp Slip Gaji: done", MsgBoxStyle.Information, "Information")

        End If
        Try

            command = conn.open.CreateCommand
            command.CommandText = "insert into [Tbl_Hist_Tunjangan]([NIP],[Nama_Depan],[Nama_Belakang],[bulan],[tahun],[kd_tunjangan],[nm_tunjangan],[besar_tunjangan]) select a.[NIP],c.[Nama_Depan],c.[Nama_Belakang],'" & cmbBulanGaji.Text & "'," & txtTahun.Text & ",a.[kd_tunjangan],d.[nm_tunjangan],sum(b.[jml_gaji]) from ((([Tbl_Trans_Tunjangan] a inner join [Tbl_Absensi_Ekstra] b on a.[NIP]=b.[NIP] and a.[kd_tunjangan]=b.[jenis_absen]) inner join [Tbl_Guru] c on a.[NIP]=c.[NIP]) inner join [Tbl_Tunjangan] d on a.[kd_tunjangan]=d.[kd_tunjangan]) where b.[tanggal_absen] between #" & DateAdd(DateInterval.Day, 1, DateAdd("m", -1, selectedPeriode)) & "# and #" & selectedPeriode & "# group by a.[NIP],c.[Nama_Depan],c.[Nama_Belakang],a.[kd_tunjangan],d.[nm_tunjangan]"
            command.ExecuteScalar()
            command.Dispose()
            MsgBox("Proses Tunjangan : step 1 of 2 done", MsgBoxStyle.Information, "Information")

            command = conn.open.CreateCommand
            command.CommandText = "insert into [Tbl_Hist_Tunjangan]([NIP],[Nama_Depan],[Nama_Belakang],[bulan],[tahun],[kd_tunjangan],[nm_tunjangan],[besar_tunjangan]) select a.[NIP],c.[Nama_Depan],c.[Nama_Belakang],'" & cmbBulanGaji.Text & "'," & txtTahun.Text & ",a.[kd_tunjangan],d.[nm_tunjangan],b.[gaji_tunjangan] from ((([Tbl_Trans_Tunjangan] a inner join [Tbl_Tunjangan] b on a.[kd_tunjangan]=b.[kd_tunjangan]) inner join [Tbl_Guru] c on a.[NIP]=c.[NIP]) inner join [Tbl_Tunjangan] d on a.[kd_tunjangan]=d.[kd_tunjangan]) where b.[periode_tunjangan]='Bulan' and a.[tanggal_nonaktif] > #" & selectedPeriode & "#"
            command.ExecuteScalar()
            command.Dispose()
            MsgBox("Proses Tunjangan : step 2 of 2 done", MsgBoxStyle.Information, "Information")

            command = conn.open.CreateCommand
            command.CommandText = "insert into [Tbl_Hist_Insentif]([NIP],[Nama_Depan],[Nama_Belakang],[bulan],[tahun],[kd_insentif],[nm_insentif],[besar_insentif]) select a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],'" & cmbBulanGaji.Text & "'," & txtTahun.Text & ",a.[kd_insentif],c.[nm_insentif],sum(a.[jml_gaji_insentif]) from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif]) where a.[tgl_insentif] between #" & DateAdd(DateInterval.Day, 1, DateAdd("m", -1, selectedPeriode)) & "# and #" & selectedPeriode & "# group by a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif]"
            command.ExecuteScalar()
            command.Dispose()
            MsgBox("Proses Insentif : step 1 of 1 done", MsgBoxStyle.Information, "Information")

            '##### START: Insert to table Tbl_Slip_Gaji
            command = conn.open.CreateCommand
```

```
            command.CommandText = "insert into [Tbl_Slip_Gaji] ([tgl_slip],[NIP],[Nama_Depan],[Nama_Belakang],[gaji_mengajar]) select #" & selectedPeriode & "#,a.[NIP],a.[Nama_Depan],a.[Nama_Belakang],sum(IIF(ISNULL(b.[gaji_mengajar]),0,b.[gaji_mengajar])) from [Tbl_Guru] a inner join [Tbl_Absensi_Mengajar] b on a.[NIP]=b.[NIP] where b.[tanggal_absen] between #" & DateAdd(DateInterval.Day, 1, DateAdd("m", -1, selectedPeriode)) & "# and #" & selectedPeriode & "# group by a.[NIP],a.[Nama_Depan],a.[Nama_Belakang]"
            command.ExecuteScalar()
            command.Dispose()

            command = conn.open.CreateCommand
            command.CommandText = "update [Tbl_Slip_Gaji] a set a.[gaji_tunjangan] = IIF(ISNULL(DLookup(""sumTunjangan"",""QSumHistTunjangan"",""[NIP]='" & a![NIP] & "' and [bulan]='" & cmbBulanGaji.Text & "' and tahun=" & Trim(txtTahun.Text) & """)),0,DLookup(""sumTunjangan"",""QSumHistTunjangan"",""[NIP]='" & a![NIP] & "' and [bulan]='" & cmbBulanGaji.Text & "' and tahun=" & Trim(txtTahun.Text) & """)) where a.[tgl_slip] = #" & selectedPeriode & "#"
            command.ExecuteScalar()
            command.Dispose()

            command = conn.open.CreateCommand
            command.CommandText = "update [Tbl_Slip_Gaji] a set a.[gaji_insentif] = IIF(ISNULL(DLookup(""sumInsentif"",""QSumHistInsentif"",""[NIP]='" & a![NIP] & "' and [bulan]='" & cmbBulanGaji.Text & "' and tahun=" & Trim(txtTahun.Text) & """)),0,DLookup(""sumInsentif"",""QSumHistInsentif"",""[NIP]='" & a![NIP] & "' and [bulan]='" & cmbBulanGaji.Text & "' and tahun=" & Trim(txtTahun.Text) & """)) where a.[tgl_slip] = #" & selectedPeriode & "#"
            command.ExecuteScalar()
            command.Dispose()

            command = conn.open.CreateCommand
            command.CommandText = "update [Tbl_Slip_Gaji] set [total_gaji]=[gaji_mengajar]+[gaji_tunjangan]+[gaji_insentif] where [tgl_slip]=#" & selectedPeriode & "#"
            command.ExecuteScalar()
            command.Dispose()

            command = conn.open.CreateCommand
            command.CommandText = "update [Tbl_Slip_Gaji] a set a.[total_cashbon] = IIF(ISNULL(DLookup(""jmlCashbon"",""QSumCashbon"",""[NIP]='" & a![NIP] & "' and [bulan]=" & bulanGaji & " and tahun=" & Trim(txtTahun.Text) & """)),0,DLookup(""jmlCashbon"",""QSumCashbon"",""[NIP]='" & a![NIP] & "' and [bulan]=" & bulanGaji & " and tahun=" & Trim(txtTahun.Text) & """)) where a.[tgl_slip] = #" & selectedPeriode & "#"
            command.ExecuteScalar()
            command.Dispose()

            command = conn.open.CreateCommand
            command.CommandText = "update [Tbl_Slip_Gaji] set [gaji_netto]=[total_gaji]-[total_cashbon] where [tgl_slip]=#" & selectedPeriode & "#"
            command.ExecuteScalar()
            command.Dispose()
            MsgBox("Proses Slip Gaji : step 1 of 1 done", MsgBoxStyle.Information, "Information")
            '##### END: Insert to table Tbl_Slip_Gaji
            Me.Dispose()
            Me.Close()

        Catch ex As OleDbException
            MsgBox(ex.Message, MsgBoxStyle.Critical, "OleDB Error")
        Catch ex As Exception
            MsgBox(ex.Message, MsgBoxStyle.Critical, "General Error")
        End Try
    End If
  End Sub

  Private Sub chkResetGenerate_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkResetGenerate.CheckedChanged
    If chkResetGenerate.Checked = True Then
```

```
        MsgBox("Sebelum mengkalkulasi penggajian, sistem akan melakukan clean up data dalam periode yang dipilih", MsgBoxStyle.Information, "Information")
    End If
  End Sub
End Class
```

Form Report Master

```
Imports System.Data
Imports System.Data.OleDb
Public Class FReportMaster
  Dim conn As New AccessData.DatabaseConnection
  Dim command As New OleDbCommand
  Dim adapter As New OleDbDataAdapter
  Dim dataset As New DataSet
  Dim reader As OleDbDataReader
  Private Sub TextBox4_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtHonor.KeyPress
    Dim allowedChars As String = "0123456789"

    If allowedChars.IndexOf(e.KeyChar) = -1 Then
      ' Invalid Character
      e.Handled = True
    End If
  End Sub

  Private Sub TextBox4_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtHonor.TextChanged

  End Sub

  Private Sub btCancel3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btClose3.Click
    Me.Dispose()
    Me.Close()
  End Sub

  Private Sub btCancel2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btClose2.Click
    Me.Dispose()
    Me.Close()
  End Sub

  Private Sub btCancel_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btClose.Click
    Me.Dispose()
    Me.Close()
  End Sub

  Private Sub btSubmit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit.Click
    dataset.Clear()
    Me.command = conn.open.CreateCommand
    If chkAllGuru.Checked = True Then
      Me.command.CommandText = "select * from [Tbl_Guru]"
    Else
      If Trim(txtNamaNIP.Text) = "" Then
        Me.command.CommandText = "select * from [Tbl_Guru] where [Tanggal_Join] between #" & dtpStartDate.Value.Date & "# and #" & dtpEndDate.Value.Date & "#"
      Else
        Me.command.CommandText = "select * from [Tbl_Guru] where [NIP] like '%" & txtNamaNIP.Text & "%' or [Nama_Depan] like '%" & txtNamaNIP.Text & "%' or [Nama_Belakang] like '%" & txtNamaNIP.Text & "%'"
      End If
    End If
    Me.adapter.SelectCommand = command
    Me.adapter.Fill(dataset, "dsTbl_ReportGuru")

    If dataset.Tables(0).Rows.Count > 0 Then
      MainForm.btUpdateData.Enabled = True
    Else
      MainForm.btUpdateData.Enabled = False
    End If

    MainForm.dgvDataBoard.DataSource = Me.dataset.Tables("dsTbl_ReportGuru")
    command.Dispose()
    conn.close()
    tableGrid = "[Tbl_Guru]"
  End Sub

  Private Sub chkAllGuru_CheckedChanged(ByVal sender
```

```
As System.Object, ByVal e As System.EventArgs) Handles chkAllGuru.CheckedChanged
        If chkAllGuru.Checked = True Then
            txtNamaNIP.Enabled = False
            dtpStartDate.Enabled = False
            dtpEndDate.Enabled = False
        ElseIf chkAllGuru.Checked = False Then
            txtNamaNIP.Enabled = True
            dtpStartDate.Enabled = True
            dtpEndDate.Enabled = True
        End If
    End Sub

    Private Sub chkAllTunjangan_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkAllTunjangan.CheckedChanged
        If chkAllTunjangan.Checked = True Then
            txtNmKdTunj.Enabled = False
            cmbPeriodeTunjangan.Enabled = False
        ElseIf chkAllTunjangan.Checked = False Then
            txtNmKdTunj.Enabled = True
            cmbPeriodeTunjangan.Enabled = True
        End If
    End Sub

    Private Sub btSubmit2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit2.Click
        dataset.Clear()
        Me.command = conn.open.CreateCommand
        If chkAllTunjangan.Checked = True Then
            command.CommandText = "select * from [Tbl_Tunjangan]"
        Else
            If Trim(txtNmKdTunj.Text) = "" And cmbPeriodeTunjangan.Text = "" Then
                command.CommandText = "select * from [Tbl_Tunjangan] where 1=2"
            ElseIf Trim(txtNmKdTunj.Text) = "" And cmbPeriodeTunjangan.Text <> "" Then
                command.CommandText = "select * from [Tbl_Tunjangan] where [periode_tunjangan]='" & cmbPeriodeTunjangan.Text & "'"
            ElseIf Trim(txtNmKdTunj.Text) <> "" Then
                command.CommandText = "select * from [Tbl_Tunjangan] where [nm_tunjangan] like '%" & txtNmKdTunj.Text & "%' or [kd_tunjangan] like '%" & txtNmKdTunj.Text & "%'"
            End If
        End If
        Me.adapter.SelectCommand = command
        Me.adapter.Fill(dataset, "dsTbl_ReportTunj")

        If dataset.Tables(0).Rows.Count > 0 Then
            MainForm.btUpdateData.Enabled = True
        Else
            MainForm.btUpdateData.Enabled = False
        End If
        MainForm.dgvDataBoard.DataSource = Me.dataset.Tables("dsTbl_ReportTunj")
        command.Dispose()
        conn.close()
        tableGrid = "[Tbl_Tunjangan]"
    End Sub

    Private Sub CheckBox1_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkAllInsentif.CheckedChanged
        If chkAllInsentif.Checked = True Then
            txtKdNmInsentif.Enabled = False
            cmbOpr.Enabled = False
            txtHonor.Enabled = False
        ElseIf chkAllInsentif.Checked = False Then
            txtKdNmInsentif.Enabled = True
            cmbOpr.Enabled = True
            txtHonor.Enabled = True
        End If
    End Sub

    Private Sub btSubmit3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit3.Click
        dataset.Clear()
        Me.command = conn.open.CreateCommand
        If chkAllInsentif.Checked = True Then
            command.CommandText = "select * from [Tbl_Insentif]"
        Else
            If Trim(txtKdNmInsentif.Text) <> "" Then
```

```
            command.CommandText = "select * from [Tbl_Insentif] where [kd_insentif] like '%" & txtKdNmInsentif.Text & "%' or [nm_insentif] like '%" & txtKdNmInsentif.Text & "%'"
        ElseIf Trim(txtKdNmInsentif.Text) = "" And txtHonor.Text <> "" Then
            command.CommandText = "select * from [Tbl_Insentif] where [uang_insentif] " & cmbOpr.Text & " " & txtHonor.Text
        Else
            command.CommandText = "select * from [Tbl_Insentif] where 1=2"
        End If
    End If
    Me.adapter.SelectCommand = command
    Me.adapter.Fill(dataset, "dsTbl_ReportIns")

    If dataset.Tables(0).Rows.Count > 0 Then
        MainForm.btUpdateData.Enabled = True
    Else
        MainForm.btUpdateData.Enabled = False
    End If

    MainForm.dgvDataBoard.DataSource = Me.dataset.Tables("dsTbl_ReportIns")
    command.Dispose()
    conn.close()
    tableGrid = "[Tbl_Insentif]"
  End Sub

  Private Sub TabPage3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles TabPage3.Click
    cmbOpr.SelectedIndex = 0
  End Sub

  Private Sub FReportMaster_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    cmbOpr.SelectedIndex = 0
  End Sub
End Class
```

Form Report Absensi

```
Imports System.Data
Imports System.Data.OleDb

Public Class FReportAbsensi
  Dim conn As New AccessData.DatabaseConnection
  Dim command As New OleDbCommand
  Dim adapter As New OleDbDataAdapter
  Dim dataset As New DataSet
  Dim reader As OleDbDataReader
  Private Sub btSubmit2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit2.Click
    dataset.Clear()
    command = conn.open.CreateCommand
    If chkAbsEkstra.Checked = True Then
      command.CommandText = "select a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan], b.[Nama_Belakang],a.[jenis_absen],c.[nm_tunjangan],a.[tanggal_absen],format(a.[jam_masuk],""Short Time"") as Jam_Masuk,format(a.[jam_keluar],""Short Time"") as Jam_Keluar,a.[jml_jam],a.[jml_gaji] from (([Tbl_Absensi_Ekstra] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[jenis_absen]=c.[kd_tunjangan])"
    Else
      If Trim(txtNmNIP.Text) = "" And cmbJenisAbs.SelectedValue = "" And DateDiff(DateInterval.Day, dtpStartAbs.Value.Date, dtpEndAbs.Value.Date) <= 0 Then
        MsgBox("Tentukan kriteria pencarian dengan benar!", MsgBoxStyle.Critical, "Error")
      ElseIf Trim(txtNmNIP.Text) = "" And cmbJenisAbs.SelectedValue = "" And DateDiff(DateInterval.Day, dtpStartAbs.Value.Date, dtpEndAbs.Value.Date) > 0 Then
        command.CommandText = "select a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan], b.[Nama_Belakang],a.[jenis_absen],c.[nm_tunjangan],a.[tanggal_absen],format(a.[jam_masuk],""Short Time"") as Jam_Masuk,format(a.[jam_keluar],""Short Time"") as Jam_Keluar,a.[jml_jam],a.[jml_gaji] from (([Tbl_Absensi_Ekstra] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[jenis_absen]=c.[kd_tunjangan]) where a.[tanggal_absen] between #" & dtpStartAbs.Value.Date & "# and #" & dtpEndAbs.Value.Date & "#"
```

```
        ElseIf Trim(txtNmNIP.Text) = "" And cmbJenisAbs.SelectedValue <> "" And DateDiff(DateInterval.Day, dtpStartAbs.Value.Date, dtpEndAbs.Value.Date) <= 0 Then
            command.CommandText = "select a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan], b.[Nama_Belakang],a.[jenis_absen],c.[nm_tunjangan],a.[tanggal_absen],format(a.[jam_masuk],""Short Time"") as Jam_Masuk,format(a.[jam_keluar],""Short Time"") as Jam_Keluar,a.[jml_jam],a.[jml_gaji] from (([Tbl_Absensi_Ekstra] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[jenis_absen]=c.[kd_tunjangan]) where a.[jenis_absen]='" & cmbJenisAbs.SelectedValue & "'"
        ElseIf Trim(txtNmNIP.Text) = "" And cmbJenisAbs.SelectedValue <> "" And DateDiff(DateInterval.Day, dtpStartAbs.Value.Date, dtpEndAbs.Value.Date) > 0 Then
            command.CommandText = "select a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan], b.[Nama_Belakang],a.[jenis_absen],c.[nm_tunjangan],a.[tanggal_absen],format(a.[jam_masuk],""Short Time"") as Jam_Masuk,format(a.[jam_keluar],""Short Time"") as Jam_Keluar,a.[jml_jam],a.[jml_gaji] from (([Tbl_Absensi_Ekstra] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[jenis_absen]=c.[kd_tunjangan]) where a.[jenis_absen]='" & cmbJenisAbs.SelectedValue & "' (a.[tanggal_absen] between #" & dtpStartAbs.Value.Date & "# and #" & dtpEndAbs.Value.Date & "#)"
        ElseIf Trim(txtNmNIP.Text) <> "" And cmbJenisAbs.SelectedValue = "" And DateDiff(DateInterval.Day, dtpStartAbs.Value.Date, dtpEndAbs.Value.Date) <= 0 Then
            command.CommandText = "select a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan], b.[Nama_Belakang],a.[jenis_absen],c.[nm_tunjangan],a.[tanggal_absen],format(a.[jam_masuk],""Short Time"") as Jam_Masuk,format(a.[jam_keluar],""Short Time"") as Jam_Keluar,a.[jml_jam],a.[jml_gaji] from (([Tbl_Absensi_Ekstra] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[jenis_absen]=c.[kd_tunjangan]) where (a.[NIP]='" & Trim(txtNmNIP.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIP.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNmNIP.Text) & "%')"
        ElseIf Trim(txtNmNIP.Text) <> "" And cmbJenisAbs.SelectedValue = "" And DateDiff(DateInterval.Day, dtpStartAbs.Value.Date, dtpEndAbs.Value.Date) > 0 Then
            command.CommandText = "select a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan], b.[Nama_Belakang],a.[jenis_absen],c.[nm_tunjangan],a.[tanggal_absen],format(a.[jam_masuk],""Short Time"") as Jam_Masuk,format(a.[jam_keluar],""Short Time"") as Jam_Keluar,a.[jml_jam],a.[jml_gaji] from (([Tbl_Absensi_Ekstra] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[jenis_absen]=c.[kd_tunjangan]) where (a.[NIP]='" & Trim(txtNmNIP.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIP.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNmNIP.Text) & "%') and (a.[tanggal_absen] between #" & dtpStartAbs.Value.Date & "# and #" & dtpEndAbs.Value.Date & "#)"
        ElseIf Trim(txtNmNIP.Text) <> "" And cmbJenisAbs.SelectedValue <> "" And DateDiff(DateInterval.Day, dtpStartAbs.Value.Date, dtpEndAbs.Value.Date) <= 0 Then
            command.CommandText = "select a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan], b.[Nama_Belakang],a.[jenis_absen],c.[nm_tunjangan],a.[tanggal_absen],format(a.[jam_masuk],""Short Time"") as Jam_Masuk,format(a.[jam_keluar],""Short Time"") as Jam_Keluar,a.[jml_jam],a.[jml_gaji] from (([Tbl_Absensi_Ekstra] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[jenis_absen]=c.[kd_tunjangan]) where (a.[NIP]='" & Trim(txtNmNIP.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIP.Text) & "%' or
```

```
b.[Nama_Belakang] like '%" & Trim(txtNmNIP.Text) & "%') and a.[jenis_absen]='" & cmbJenisAbs.SelectedValue & "'"
        ElseIf Trim(txtNmNIP.Text) <> "" And cmbJenisAbs.SelectedValue <> "" And DateDiff(DateInterval.Day, dtpStartAbs.Value.Date, dtpEndAbs.Value.Date) > 0 Then
            command.CommandText = "select a.[kd_absen_ekstra],a.[NIP],b.[Nama_Depan], b.[Nama_Belakang],a.[jenis_absen],c.[nm_tunjangan],a.[tanggal_absen],format(a.[jam_masuk],""Short Time"") as Jam_Masuk,format(a.[jam_keluar],""Short Time"") as Jam_Keluar,a.[jml_jam],a.[jml_gaji] from (([Tbl_Absensi_Ekstra] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[jenis_absen]=c.[kd_tunjangan]) where (a.[NIP]='" & Trim(txtNmNIP.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIP.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNmNIP.Text) & "%') and a.[jenis_absen]='" & cmbJenisAbs.SelectedValue & "' and (a.[tanggal_absen] between #" & dtpStartAbs.Value.Date & "# and #" & dtpEndAbs.Value.Date & "#)"
        End If
    End If
    adapter.SelectCommand = command
    adapter.Fill(dataset, "ds_AbsEkstra")

    If dataset.Tables(0).Rows.Count > 0 Then
        MainForm.btUpdateData.Enabled = True
    Else
        MainForm.btUpdateData.Enabled = False
    End If

    MainForm.dgvDataBoard.DataSource = Me.dataset.Tables("ds_AbsEkstra")
    conn.close()
    command.Dispose()
    tableGrid = "[Tbl_Absensi_Ekstra]"
End Sub

Private Sub btSubmit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit.Click
    dataset.Clear()
    command = conn.open.CreateCommand
    If chkAbsAjar.Checked = True Then
        command.CommandText = "select a.[kd_absen_mengajar],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[tanggal_absen],format(a.[jam_masuk],""Short Time"") as [Jam_Masuk],format(a.[jam_keluar],""Short Time"") as [Jam_Keluar],a.[kelas],a.[mata_pelajaran],a.[topik],a.[jml_jam],a.[gaji_mengajar] from [Tbl_Absensi_Mengajar] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]"
    Else
        If Trim(txtNamaNIP.Text) = "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) <= 0 Then
            MsgBox("Tentukan kriteria pencarian dengan benar!", MsgBoxStyle.Critical, "Error")
            Exit Sub
        ElseIf Trim(txtNamaNIP.Text) = "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) > 0 Then
            command.CommandText = "select a.[kd_absen_mengajar],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[tanggal_absen],a.[jam_masuk],a.[jam_keluar],a.[kelas],a.[mata_pelajaran],a.[topik],a.[jml_jam],a.[gaji_mengajar] from [Tbl_Absensi_Mengajar] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP] where a.[tanggal_absen] between #" & dtpStartDate.Value.Date & "# and #" & dtpEndDate.Value.Date & "#"
        ElseIf Trim(txtNamaNIP.Text) <> "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) <= 0 Then
            command.CommandText = "select a.[kd_absen_mengajar],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[tanggal_absen],a.[jam_masuk],a.[jam_keluar],a.[kelas],a.[mata_pelajaran],a.[topik],a.[jml_jam],a.[gaji_mengajar] from [Tbl_Absensi_Mengajar] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP] where a.[NIP]='" & Trim(txtNamaNIP.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNamaNIP.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNamaNIP.Text) & "%'"
        ElseIf Trim(txtNamaNIP.Text) <> "" And DateDiff(DateInterval.Day,
```

```
dtpStartDate.Value.Date,
dtpEndDate.Value.Date) > 0 Then
            command.CommandText = "select
a.[kd_absen_mengajar],a.[NIP],b.[Nama_Dep
an],b.[Nama_Belakang],a.[tanggal_absen],a.[j
am_masuk],a.[jam_keluar],a.[kelas],a.[mata_p
elajaran],a.[topik],a.[jml_jam],a.[gaji_mengaja
r] from [Tbl_Absensi_Mengajar] a inner join
[Tbl_Guru] b on a.[NIP]=b.[NIP] where
(a.[NIP]='" & Trim(txtNamaNIP.Text) & "' or
b.[Nama_Depan] like '%" &
Trim(txtNamaNIP.Text) & "%' or
b.[Nama_Belakang] like '%" &
Trim(txtNamaNIP.Text) & "%') and
(a.[tanggal_absen] between #" &
dtpStartDate.Value.Date & "# and #" &
dtpEndDate.Value.Date & "#)"
        End If
    End If

    Me.adapter.SelectCommand = command
    Me.adapter.Fill(dataset,
"dsTbl_AbsAjar")

    If dataset.Tables(0).Rows.Count > 0 Then
        MainForm.btUpdateData.Enabled =
True
    Else
        MainForm.btUpdateData.Enabled =
False
    End If

    MainForm.dgvDataBoard.DataSource =
Me.dataset.Tables("dsTbl_AbsAjar")
    conn.close()
    command.Dispose()
    tableGrid = "[Tbl_Absensi_Mengajar]"
  End Sub

  Private Sub
chkAbsAjar_CheckedChanged(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles
chkAbsAjar.CheckedChanged
    If chkAbsAjar.Checked = True Then
        txtNamaNIP.Enabled = False
        dtpStartDate.Enabled = False
        dtpEndDate.Enabled = False
    ElseIf chkAbsAjar.Checked = False Then
        txtNamaNIP.Enabled = True
        dtpStartDate.Enabled = True
        dtpEndDate.Enabled = True
    End If
  End Sub

  Private Sub btClose_Click(ByVal sender As
System.Object, ByVal e As
System.EventArgs) Handles btClose.Click
    Me.Dispose()
    Me.Close()
  End Sub

  Private Sub
DateTimePicker2_ValueChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
dtpStartAbs.ValueChanged

  End Sub

  Private Sub FReportAbsensi_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    Dim datasetTunj As New DataSet
    command = conn.open.CreateCommand
    command.CommandText = "select " as
[jenis_absen],'-Pilih Tunjangan-' as
[nm_tunjangan] from [Tbl_Tunjangan] union
select distinct
a.[jenis_absen],c.[nm_tunjangan] from
[Tbl_Absensi_Ekstra] a inner join
[Tbl_Tunjangan] c on
a.[jenis_absen]=c.[kd_tunjangan]"
    adapter.SelectCommand = command
    adapter.Fill(datasetTunj,
"refTunjanganAbs")
    With cmbJenisAbs
        .DataSource =
datasetTunj.Tables("refTunjanganAbs")
        .DisplayMember = "nm_tunjangan"
        .ValueMember = "jenis_absen"
    End With
    conn.close()
    command.Dispose()
  End Sub

  Private Sub
chkAbsEkstra_CheckedChanged(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles
chkAbsEkstra.CheckedChanged
    If chkAbsEkstra.Checked = True Then
        txtNmNIP.Enabled = False
        cmbJenisAbs.Enabled = False
        dtpStartAbs.Enabled = False
        dtpEndAbs.Enabled = False
    ElseIf chkAbsEkstra.Checked = False
Then
```

```
            txtNmNIP.Enabled = True
            cmbJenisAbs.Enabled = True
            dtpStartAbs.Enabled = True
            dtpEndAbs.Enabled = True
        End If
    End Sub

    Private Sub btClose2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btClose2.Click
        Me.Dispose()
        Me.Close()
    End Sub
End Class
```

Form Report Transaksi

```
Imports System.Data
Imports System.Data.OleDb
Public Class FReportTransaksi
    Dim conn As New AccessData.DatabaseConnection
    Dim command As New OleDbCommand
    Dim adapter As New OleDbDataAdapter
    Dim dataset As New DataSet
    Dim reader As OleDbDataReader
    Private Sub TextBox4_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtCashbon.KeyPress
        Dim allowedChars As String = "0123456789"

        If allowedChars.IndexOf(e.KeyChar) = -1 Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

    Private Sub TextBox4_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtCashbon.TextChanged

    End Sub

    Private Sub btClose_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btClose.Click
        Me.Dispose()
        Me.Close()
    End Sub

    Private Sub btClose2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btClose2.Click
        Me.Dispose()
        Me.Close()
    End Sub

    Private Sub btClose3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btClose3.Click
        Me.Dispose()
        Me.Close()
    End Sub

    Private Sub chkAllTunjGuru_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkAllTunjGuru.CheckedChanged
        If chkAllTunjGuru.Checked = True Then
            txtNmNIP.Enabled = False
            cmbTunj.Enabled = False
        ElseIf chkAllTunjGuru.Checked = False Then
            txtNmNIP.Enabled = True
            cmbTunj.Enabled = True
        End If
    End Sub

    Private Sub btSubmit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit.Click
        dataset.Clear()
        command = conn.open.CreateCommand
        If chkAllTunjGuru.Checked = True Then
            command.CommandText = "select a.[NIP],b.[Nama_Depan],b.[Nama_Belakang], a.[kd_tunjangan],c.[nm_tunjangan],a.[tanggal_aktif],a.[tanggal_nonaktif] from (([Tbl_Trans_Tunjangan] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[kd_tunjangan]=c.[kd_tunjangan])"
        ElseIf chkAllTunjGuru.Checked = False Then
            If Trim(txtNmNIP.Text) = "" And cmbTunj.SelectedValue = "" Then
                MsgBox("Tentukan kriteria pencarian dengan benar!", MsgBoxStyle.Critical, "Error")
                Exit Sub
            ElseIf Trim(txtNmNIP.Text) <> "" And cmbTunj.SelectedValue = "" Then
```

```
            command.CommandText = "select a.[NIP],b.[Nama_Depan],b.[Nama_Belakang], a.[kd_tunjangan],c.[nm_tunjangan],a.[tanggal_aktif],a.[tanggal_nonaktif] from (([Tbl_Trans_Tunjangan] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[kd_tunjangan]=c.[kd_tunjangan]) where (a.[NIP]='" & Trim(txtNmNIP.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIP.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNmNIP.Text) & "%')"
        ElseIf Trim(txtNmNIP.Text) = "" And cmbTunj.SelectedValue <> "" Then
            command.CommandText = "select a.[NIP],b.[Nama_Depan],b.[Nama_Belakang], a.[kd_tunjangan],c.[nm_tunjangan],a.[tanggal_aktif],a.[tanggal_nonaktif] from (([Tbl_Trans_Tunjangan] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[kd_tunjangan]=c.[kd_tunjangan]) where a.[kd_tunjangan]='" & cmbTunj.SelectedValue & "'"
        ElseIf Trim(txtNmNIP.Text) <> "" And cmbTunj.SelectedValue <> "" Then
            command.CommandText = "select a.[NIP],b.[Nama_Depan],b.[Nama_Belakang], a.[kd_tunjangan],c.[nm_tunjangan],a.[tanggal_aktif],a.[tanggal_nonaktif] from (([Tbl_Trans_Tunjangan] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Tunjangan] c on a.[kd_tunjangan]=c.[kd_tunjangan]) where (a.[NIP]='" & Trim(txtNmNIP.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIP.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNmNIP.Text) & "%') and a.[kd_tunjangan]='" & cmbTunj.SelectedValue & "'"
        End If
    End If
    Me.adapter.SelectCommand = command
    Me.adapter.Fill(dataset, "dsTbl_TransTunj")

    If dataset.Tables(0).Rows.Count > 0 Then
        MainForm.btUpdateData.Enabled = True
    Else
        MainForm.btUpdateData.Enabled = False
    End If

    MainForm.dgvDataBoard.DataSource = Me.dataset.Tables("dsTbl_TransTunj")
    tableGrid = "[Tbl_Trans_Tunjangan]"
    command.Dispose()
    conn.close()
End Sub

Private Sub FReportTransaksi_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    Dim datasetTunj As New DataSet
    command = conn.open.CreateCommand
    command.CommandText = "select '' as [kd_tunjangan],'-Pilih Tunjangan-' as [nm_tunjangan] from [Tbl_Tunjangan] union select distinct a.[kd_tunjangan],b.[nm_tunjangan] from [Tbl_Trans_Tunjangan] a inner join [Tbl_Tunjangan] b on a.[kd_tunjangan]=b.[kd_tunjangan]"
    adapter.SelectCommand = command
    adapter.Fill(datasetTunj, "refTunjangan")
    With cmbTunj
        .DataSource = datasetTunj.Tables("refTunjangan")
        .DisplayMember = "nm_tunjangan"
        .ValueMember = "kd_tunjangan"
    End With
    conn.close()
    command.Dispose()

    '##### START: isi cmbIns
    Dim datasetIns As New DataSet
    command = conn.open.CreateCommand
    command.CommandText = "select '' as [kd_insentif],'-Pilih Insentif-' as [nm_insentif] from [Tbl_Insentif] union select distinct a.[kd_insentif],b.[nm_insentif] from [Tbl_Trans_Insentif] a inner join [Tbl_Insentif] b on a.[kd_insentif]=b.[kd_insentif]"
    adapter.SelectCommand = command
    adapter.Fill(datasetTunj, "refInsentif")
    With cmbIns
        .DataSource = datasetTunj.Tables("refInsentif")
        .DisplayMember = "nm_insentif"
        .ValueMember = "kd_insentif"
    End With
    conn.close()
    command.Dispose()
    '##### END: isi cmbIns
```

```
        cmbOpr.SelectedIndex = 0
    End Sub

    Private Sub DateTimePicker3_ValueChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles dtpEndDate.ValueChanged

    End Sub

    Private Sub CheckBox2_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkAllInsGuru.CheckedChanged
        If chkAllInsGuru.Checked = True Then
            txtNmNIPIns.Enabled = False
            cmbIns.Enabled = False
            dtpStartDate.Enabled = False
            dtpEndDate.Enabled = False
        ElseIf chkAllInsGuru.Checked = False Then
            txtNmNIPIns.Enabled = True
            cmbIns.Enabled = True
            dtpStartDate.Enabled = True
            dtpEndDate.Enabled = True
        End If
    End Sub

    Private Sub BtSubmit2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles BtSubmit2.Click
        dataset.Clear()
        Me.command = conn.open.CreateCommand
        If chkAllInsGuru.Checked = True Then
            command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif])"
        ElseIf chkAllInsGuru.Checked = False Then
            If Trim(txtNmNIPIns.Text) = "" And cmbIns.SelectedValue = "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) <= 0 Then
                MsgBox("Tentukan kriteria pencarian dengan benar!", MsgBoxStyle.Critical, "Error")
                ' Error
                Exit Sub
            ElseIf Trim(txtNmNIPIns.Text) = "" And cmbIns.SelectedValue = "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) > 0 Then
                command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif]) where a.[tgl_insentif] between #" & dtpStartDate.Value.Date & "# and #" & dtpEndDate.Value.Date & "#"
                ' where a.[tgl_insentif] between #" & dtpstartdate.Value.Date & "# and #" & dtpEnddate.Value.Date & "#
            ElseIf Trim(txtNmNIPIns.Text) = "" And cmbIns.SelectedValue <> "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) <= 0 Then
                command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif]) where a.[kd_insentif]='" & cmbIns.SelectedValue & "'"
                ' where a.[kd_insentif]='" & cmbIns.selectedValue & "'
            ElseIf Trim(txtNmNIPIns.Text) = "" And cmbIns.SelectedValue <> "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) > 0 Then
                command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif]) where
```

```
(a.[kd_insentif]='" & cmbIns.SelectedValue & "') and (a.[tgl_insentif] between #" & dtpStartDate.Value.Date & "# and #" & dtpEndDate.Value.Date & "#)"
            ' where (a.[kd_insentif]='" & cmbIns.selectedValue & "') and (a.[tgl_insentif] between #" & dtpstartdate.Value.Date & "# and #" & dtpEnddate.Value.Date & "#)
        ElseIf Trim(txtNmNIPIns.Text) <> "" And cmbIns.SelectedValue = "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) <= 0 Then
            command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif]) where a.[NIP]='" & Trim(txtNmNIPIns.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIPIns.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNmNIPIns.Text) & "%'"
            ' where a.[NIP]='" & trim(txtNmNIPIns.text) & "' or b.[Nama_Depan] like '%" & trim(txtNmNIPIns.text) & "%' or b.[Nama_Belakang] like '%" & trim(txtNmNIPIns.text) & "%'
        ElseIf Trim(txtNmNIPIns.Text) <> "" And cmbIns.SelectedValue = "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) > 0 Then
            command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif]) where (a.[NIP]='" & Trim(txtNmNIPIns.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIPIns.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNmNIPIns.Text) & "%') and (a.[tgl_insentif] between #" & dtpStartDate.Value.Date & "# and #" & dtpEndDate.Value.Date & "#)"
            ' where (a.[NIP]='" & trim(txtNmNIPIns.text) & "' or b.[Nama_Depan] like '%" & trim(txtNmNIPIns.text) & "%' or b.[Nama_Belakang] like '%" & trim(txtNmNIPIns.text) & "%') and (a.[tgl_insentif] between #" & dtpstartdate.Value.Date & "# and #" & dtpEnddate.Value.Date & "#)
        ElseIf Trim(txtNmNIPIns.Text) <> "" And cmbIns.SelectedValue <> "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) <= 0 Then
            command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif]) where (a.[NIP]='" & Trim(txtNmNIPIns.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIPIns.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNmNIPIns.Text) & "%') and a.[kd_insentif]='" & cmbIns.SelectedValue & "'"
            ' where (a.[NIP]='" & trim(txtNmNIPIns.text) & "' or b.[Nama_Depan] like '%" & trim(txtNmNIPIns.text) & "%' or b.[Nama_Belakang] like '%" & trim(txtNmNIPIns.text) & "%') and a.[kd_insentif]='" & cmbIns.selectedValue & "'
        ElseIf Trim(txtNmNIPIns.Text) <> "" And cmbIns.SelectedValue <> "" And DateDiff(DateInterval.Day, dtpStartDate.Value.Date, dtpEndDate.Value.Date) > 0 Then
            command.CommandText = "select a.[kd_trans_insentif],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[kd_insentif],c.[nm_insentif],a.[tgl_insentif],a.[gaji_insentif],a.[qty],a.[jml_gaji_insentif] from (([Tbl_Trans_Insentif] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]) inner join [Tbl_Insentif] c on a.[kd_insentif]=c.[kd_insentif]) where (a.[NIP]='" & Trim(txtNmNIPIns.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIPIns.Text) & "%' or b.[Nama_Belakang] like '%" &
```

```
Trim(txtNmNIPIns.Text) & "%') and a.[kd_insentif]='" & cmbIns.SelectedValue & "' and (a.[tgl_insentif] between #" & dtpStartDate.Value.Date & "# and #" & dtpEndDate.Value.Date & "#)"
            ' where (a.[NIP]='" & trim(txtNmNIPIns.text) & "' or b.[Nama_Depan] like '%" & trim(txtNmNIPIns.text) & "%' or b.[Nama_Belakang] like '%" & trim(txtNmNIPIns.text) & "%') and a.[kd_insentif]='" & cmbIns.selectedValue & "' and (a.[tgl_insentif] between #" & dtpstartdate.Value.Date & "# and #" & dtpEnddate.Value.Date & "#)
        End If
    End If
    adapter.SelectCommand = command
    adapter.Fill(dataset, "ds_InsGuru")

    If dataset.Tables(0).Rows.Count > 0 Then
      MainForm.btUpdateData.Enabled = True
    Else
      MainForm.btUpdateData.Enabled = False
    End If

    MainForm.dgvDataBoard.DataSource = Me.dataset.Tables("ds_InsGuru")
    tableGrid = "[Tbl_Trans_Insentif]"
    command.Dispose()
    conn.close()
  End Sub

  Private Sub CheckBox3_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkAllCashbon.CheckedChanged
    If chkAllCashbon.Checked = True Then
      txtNmNIPCash.Enabled = False
      cmbOpr.Enabled = False
      txtCashbon.Enabled = False
      dtpCashbonStart.Enabled = False
      dtpCashbonEnd.Enabled = False
    ElseIf chkAllCashbon.Checked = False Then
      txtNmNIPCash.Enabled = True
      cmbOpr.Enabled = True
      txtCashbon.Enabled = True
      dtpCashbonStart.Enabled = True
      dtpCashbonEnd.Enabled = True
    End If
  End Sub

  Private Sub btSubmit3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit3.Click
    dataset.Clear()
    command = conn.open.CreateCommand
    If chkAllCashbon.Checked = True Then
      command.CommandText = "select a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[nm_cashbon],a.[tgl_cashbon],a.[jml_cashbon],a.[keterangan] from [Tbl_Cashbon] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP]"
    ElseIf chkAllCashbon.Checked = False Then
      If Trim(txtNmNIPCash.Text) = "" And Trim(txtCashbon.Text) = "" And DateDiff(DateInterval.Day, dtpCashbonStart.Value.Date, dtpCashbonEnd.Value.Date) <= 0 Then
        MsgBox("Tentukan kriteria pencarian dengan benar!", MsgBoxStyle.Critical, "Error")
        Exit Sub
      ElseIf Trim(txtNmNIPCash.Text) = "" And Trim(txtCashbon.Text) = "" And DateDiff(DateInterval.Day, dtpCashbonStart.Value.Date, dtpCashbonEnd.Value.Date) > 0 Then
        command.CommandText = "select a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[nm_cashbon],a.[tgl_cashbon],a.[jml_cashbon],a.[keterangan] from [Tbl_Cashbon] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP] where a.[tgl_cashbon] between #" & dtpCashbonStart.Value.Date & "# and #" & dtpCashbonEnd.Value.Date & "#"
        ' where a.[tgl_cashbon] between #" & dtpCashbonStart.Value.Date & "# and #" & dtpCashbonEnd.Value.Date & "#
      ElseIf Trim(txtNmNIPCash.Text) = "" And Trim(txtCashbon.Text) <> "" And DateDiff(DateInterval.Day, dtpCashbonStart.Value.Date, dtpCashbonEnd.Value.Date) <= 0 Then
        command.CommandText = "select a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[nm_cashbon],a.[tgl_cashbon],a.[jml_cashbon],a.[keterangan] from [Tbl_Cashbon] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP] where a.[jml_cashbon] " & cmbOpr.Text & " " & Int(Trim(txtCashbon.Text))
```

```
            ' where a.[jml_cashbon] " & cmbOpr.text & " " & int(trim(txtCashbon.text)) & "
        ElseIf Trim(txtNmNIPCash.Text) = "" And Trim(txtCashbon.Text) <> "" And DateDiff(DateInterval.Day, dtpCashbonStart.Value.Date, dtpCashbonEnd.Value.Date) > 0 Then
            command.CommandText = "select a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[nm_cashbon],a.[tgl_cashbon],a.[jml_cashbon],a.[keterangan] from [Tbl_Cashbon] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP] where (a.[jml_cashbon] " & cmbOpr.Text & " " & Int(Trim(txtCashbon.Text)) & ") and (a.[tgl_cashbon] between #" & dtpCashbonStart.Value.Date & "# and #" & dtpCashbonEnd.Value.Date & "#)"
            ' where (a.[jml_cashbon] " & cmbOpr.text & " " & int(trim(txtCashbon.text)) & ") and (a.[tgl_cashbon] between #" & dtpCashbonStart.Value.Date & "# and #" & dtpCashbonEnd.Value.Date & "#)
        ElseIf Trim(txtNmNIPCash.Text) <> "" And Trim(txtCashbon.Text) = "" And DateDiff(DateInterval.Day, dtpCashbonStart.Value.Date, dtpCashbonEnd.Value.Date) <= 0 Then
            command.CommandText = "select a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[nm_cashbon],a.[tgl_cashbon],a.[jml_cashbon],a.[keterangan] from [Tbl_Cashbon] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP] where (a.[NIP]='" & Trim(txtNmNIPCash.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIPCash.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNmNIPCash.Text) & "%')"
            ' where (a.[NIP]='" & trim(txtNmNIPCash.text) & "' or b.[Nama_Depan] like '%" & trim(txtNmNIPCash.text) & "%' or b.[Nama_Belakang] like '%" & trim(txtNmNIPCash.text) & "%')
        ElseIf Trim(txtNmNIPCash.Text) <> "" And Trim(txtCashbon.Text) = "" And DateDiff(DateInterval.Day, dtpCashbonStart.Value.Date, dtpCashbonEnd.Value.Date) > 0 Then
            command.CommandText = "select a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[nm_cashbon],a.[tgl_cashbon],a.[jml_cashbon],a.[keterangan] from [Tbl_Cashbon] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP] where (a.[NIP]='" & Trim(txtNmNIPCash.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIPCash.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNmNIPCash.Text) & "%') and (a.[tgl_cashbon] between #" & dtpCashbonStart.Value.Date & "# and #" & dtpCashbonEnd.Value.Date & "#)"
            ' where (a.[NIP]='" & trim(txtNmNIPCash.text) & "' or b.[Nama_Depan] like '%" & trim(txtNmNIPCash.text) & "%' or b.[Nama_Belakang] like '%" & trim(txtNmNIPCash.text) & "%') and (a.[tgl_cashbon] between #" & dtpCashbonStart.Value.Date & "# and #" & dtpCashbonEnd.Value.Date & "#)
        ElseIf Trim(txtNmNIPCash.Text) <> "" And Trim(txtCashbon.Text) <> "" And DateDiff(DateInterval.Day, dtpCashbonStart.Value.Date, dtpCashbonEnd.Value.Date) <= 0 Then
            command.CommandText = "select a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[Nama_Belakang],a.[nm_cashbon],a.[tgl_cashbon],a.[jml_cashbon],a.[keterangan] from [Tbl_Cashbon] a inner join [Tbl_Guru] b on a.[NIP]=b.[NIP] where (a.[NIP]='" & Trim(txtNmNIPCash.Text) & "' or b.[Nama_Depan] like '%" & Trim(txtNmNIPCash.Text) & "%' or b.[Nama_Belakang] like '%" & Trim(txtNmNIPCash.Text) & "%') and (a.[jml_cashbon] " & cmbOpr.Text & " " & Int(Trim(txtCashbon.Text)) & ")"
            ' where (a.[NIP]='" & trim(txtNmNIPCash.text) & "' or b.[Nama_Depan] like '%" & trim(txtNmNIPCash.text) & "%' or b.[Nama_Belakang] like '%" & trim(txtNmNIPCash.text) & "%') and (a.[jml_cashbon] " & cmbOpr.text & " " & int(trim(txtCashbon.text)) & ")
        ElseIf Trim(txtNmNIPCash.Text) <> "" And Trim(txtCashbon.Text) <> "" And DateDiff(DateInterval.Day, dtpCashbonStart.Value.Date, dtpCashbonEnd.Value.Date) > 0 Then
            command.CommandText = "select a.[kd_cashbon],a.[NIP],b.[Nama_Depan],b.[N
```

```
ama_Belakang],a.[nm_cashbon],a.[tgl_cashbo
n],a.[jml_cashbon],a.[keterangan] from
[Tbl_Cashbon] a inner join [Tbl_Guru] b on
a.[NIP]=b.[NIP] where (a.[NIP]='" &
Trim(txtNmNIPCash.Text) & "' or
b.[Nama_Depan] like '%" &
Trim(txtNmNIPCash.Text) & "%' or
b.[Nama_Belakang] like '%" &
Trim(txtNmNIPCash.Text) & "%') and
(a.[jml_cashbon] " & cmbOpr.Text & " " &
Int(Trim(txtCashbon.Text)) & ") and
(a.[tgl_cashbon] between #" &
dtpCashbonStart.Value.Date & "# and #" &
dtpCashbonEnd.Value.Date & "#)"
            ' where (a.[NIP]='" &
trim(txtNmNIPCash.text) & "' or
b.[Nama_Depan] like '%" &
trim(txtNmNIPCash.text) & "%' or
b.[Nama_Belakang] like '%" &
trim(txtNmNIPCash.text) & "%') and
(a.[jml_cashbon] " & cmbOpr.text & " " &
int(trim(txtCashbon.text)) & ") and
(a.[tgl_cashbon] between #" &
dtpCashbonStart.Value.Date & "# and #" &
dtpCashbonEnd.Value.Date & "#)
        End If
    End If
    adapter.SelectCommand = command
    adapter.Fill(dataset, "ds_CashbonGuru")

    If dataset.Tables(0).Rows.Count > 0 Then
      MainForm.btUpdateData.Enabled =
True
    Else
      MainForm.btUpdateData.Enabled =
False
    End If

    MainForm.dgvDataBoard.DataSource =
Me.dataset.Tables("ds_CashbonGuru")
    tableGrid = "[Tbl_Cashbon]"
    command.Dispose()
    conn.close()
  End Sub
End Class
```

Form Global Variable

```
Imports System.Data
Imports System.Data.OleDb
Public Class FGlobalVar
  Dim conn As New
AccessData.DatabaseConnection
  Dim command As New OleDbCommand
  Dim adapter As New OleDbDataAdapter
  Dim reader As OleDbDataReader
  Dim dataset As New DataSet

  Private Sub btCancel_Click(ByVal sender
As System.Object, ByVal e As
System.EventArgs) Handles btCancel.Click
    Me.Dispose()
    Me.Close()
  End Sub

  Private Sub GroupBox1_Enter(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles GroupBox1.Enter

  End Sub

  Private Sub FGlobalVar_Load(ByVal
sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    Dim datasetGV As New DataSet
    conn.close()
    '##### START : Isi datacombo box
dengan nama global variable
    command = conn.open.CreateCommand
    command.CommandText = "select
[kd_global_var],[nm_global_var] from
[Tbl_Global_Var] order by [kd_global_var]"

    adapter.SelectCommand = command
    adapter.Fill(datasetGV, "dsGlobalVar")
    With cmbGV
      .DataSource =
datasetGV.Tables("dsGlobalVar")
      .DisplayMember = "nm_global_var"
      .ValueMember = "kd_global_var"
      .SelectedIndex = 0
    End With
    conn.close()
    command.Dispose()
    '##### END : Isi datacombo box dengan
nama global variable

    command = conn.open.CreateCommand
    command.CommandText = "select *
from [Tbl_Global_Var] where
[kd_global_var]='" & cmbGV.SelectedValue
& "'"
    reader = command.ExecuteReader
    reader.Read()
    txtKdGV.Text = reader.Item(0)
    txtValGV.Text = reader.Item(2)
```

```
        conn.close()
        command.Dispose()
    End Sub

    Private Sub TextBox4_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs) Handles txtValGV.KeyPress
        Dim allowedChars As String = "0123456789"

        If allowedChars.IndexOf(e.KeyChar) = -1 Then
            ' Invalid Character
            e.Handled = True
        End If
    End Sub

    Private Sub TextBox4_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles txtValGV.TextChanged

    End Sub

    Private Sub cmbGV_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles cmbGV.SelectedIndexChanged


    End Sub

    Private Sub cmbGV_SelectedValueChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles cmbGV.SelectedValueChanged

    End Sub

    Private Sub cmbGV_SelectionChangeCommitted(ByVal sender As Object, ByVal e As System.EventArgs) Handles cmbGV.SelectionChangeCommitted
        command = conn.open.CreateCommand
        command.CommandText = "select * from [Tbl_Global_Var] where [kd_global_var]='" & cmbGV.SelectedValue & "'"
        reader = command.ExecuteReader
        reader.Read()
        txtKdGV.Text = reader.Item(0)
        txtValGV.Text = reader.Item(2)

        If reader.Item(3) = paramGV(2) Then
            txtKdParam.ReadOnly = False
            txtKdParam.Text = reader.Item(3)
        Else
            txtKdParam.ReadOnly = True
            txtKdParam.Text = ""
        End If

        conn.close()
        command.Dispose()

        conn.close()
        command.Dispose()
    End Sub

    Private Sub btSubmit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btSubmit.Click
        Dim conf
        Dim datasetParam As New DataSet
        datasetParam.Clear()
        conf = MsgBox("Global Variable " & cmbGV.Text & " akan diupate dan program harus direstart.", MsgBoxStyle.OkCancel, "Konfirmasi")
        If conf = vbOK Then
            If txtKdParam.ReadOnly = False Then
                '##### START: check eksistensi parameter Global Variable
                command = conn.open.CreateCommand
                command.CommandText = "select * from [Tbl_Tunjangan] where [kd_tunjangan]='" & Trim(txtKdParam.Text) & "' and [periode_tunjangan]='Bulan'"

                adapter.SelectCommand = command
                adapter.Fill(datasetParam, "dsIfParamExist")

                Dim numRows
                numRows = datasetParam.Tables(0).Rows.Count

                conn.close()
                command.Dispose()

                command = conn.open.CreateCommand
                If numRows <= 0 Then
```

```
            MsgBox("Maaf, kode parameter " & Trim(txtKdParam.Text) & " tidak valid", MsgBoxStyle.Critical, "Error")
        Else
            command.CommandText = "update [Tbl_Global_Var] set [value_global_var]=" & txtValGV.Text & ",[parameter]='" & txtKdParam.Text & "' where [kd_global_var]='" & txtKdGV.Text & "'"
        End If

        '##### END: check eksistensi parameter Global Variable
    ElseIf txtKdParam.ReadOnly = True Then
        conn.close()
        command.Dispose()

        command = conn.open.CreateCommand
        command.CommandText = "update [Tbl_Global_Var] set [value_global_var]=" & txtValGV.Text & " where [kd_global_var]='" & txtKdGV.Text & "'"
    End If

    '##### START: eksekusi
    Try
        conn.open()

        command.ExecuteScalar()
        MsgBox("Operasi sukses", MsgBoxStyle.Information, "Informasi")
        conn.close()
        command.Dispose()
        Me.Dispose()
        Me.Close()
        MsgBox("Program akan ditutup secara otomatis", MsgBoxStyle.OkOnly, "Information")
        End
    Catch ex As OleDbException
        MsgBox(ex.Message, MsgBoxStyle.Critical, "OleDB Error")
    Catch ex As Exception
        MsgBox(ex.Message, MsgBoxStyle.Critical, "General Error")
    End Try
    '##### END: eksekusi

  End If
 End Sub
End Class
```

```
Form Slip Gaji
Imports CrystalDecisions.CrystalReports.Engine
Imports CrystalDecisions.Shared
Imports System.Data
Imports System.Data.OleDb
Public Class FSlipGaji
  Dim conn As New AccessData.DatabaseConnection
  Dim command As New OleDbCommand
  Dim adapter As New OleDbDataAdapter
  Dim dataset As New DataSet
  Dim reader As OleDbDataReader

  Private Sub TextBox1_KeyPress(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyPressEventArgs)
    Dim allowedChars As String = "0123456789"

    If allowedChars.IndexOf(e.KeyChar) = -1 Then
      ' Invalid Character
      e.Handled = True
    End If
  End Sub


  Private Sub TextBox1_TextChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)

  End Sub

  Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
    Me.Dispose()
    Me.Close()
  End Sub

  Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
    Dim bulanGaji As Integer
    Select Case (cmbBulan.Text)
      Case "Januari"
        bulanGaji = 1
      Case "Februari"
        bulanGaji = 2
      Case "Maret"
        bulanGaji = 3
```

```
            Case "April"
                bulanGaji = 4
            Case "Mei"
                bulanGaji = 5
            Case "Juni"
                bulanGaji = 6
            Case "Juli"
                bulanGaji = 7
            Case "Agustus"
                bulanGaji = 8
            Case "September"
                bulanGaji = 9
            Case "Oktober"
                bulanGaji = 10
            Case "November"
                bulanGaji = 11
            Case "Desember"
                bulanGaji = 12
        End Select

        dataset.Clear()
        If Trim(txtTahun.Text) = "" Then
            MsgBox("Isian 'Tahun' tidak boleh kosong, mohon diperiksa kembali", MsgBoxStyle.Critical, "Error")
        Else
            command = conn.open.CreateCommand
            If chkShowAll.Checked = True Then
                command.CommandText = "select * from [Tbl_Slip_Gaji] order by [tgl_slip]"
            ElseIf chkShowAll.Checked = False Then
                command.CommandText = "select * from [Tbl_Slip_Gaji] where month([tgl_slip])=" & bulanGaji & " and year([tgl_slip])=" & txtTahun.Text & " order by [tgl_slip]"
            End If

            Me.adapter.SelectCommand = command
            Me.adapter.Fill(dataset, "dsTbl_SlipGaji")

            MainForm.btUpdateData.Enabled = False


            MainForm.dgvDataBoard.DataSource = Me.dataset.Tables("dsTbl_SlipGaji")
            command.Dispose()
            conn.close()
            tableGrid = "[Tbl_Slip_Gaji]"
        End If

    End Sub

    Private Sub ComboBox1_SelectedIndexChanged(ByVal sender As System.Object, ByVal e As System.EventArgs)

    End Sub

    Private Sub FSlipGaji_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        cmbBulan.SelectedIndex = 0
        txtTahun.Text = System.DateTime.Today.Year
    End Sub

    Private Sub chkShowAll_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkShowAll.CheckedChanged
        If chkShowAll.Checked = True Then
            cmbBulan.Enabled = False
            txtTahun.Enabled = False
        ElseIf chkShowAll.Checked = False Then
            cmbBulan.Enabled = True
            txtTahun.Enabled = True
        End If
    End Sub
End Class
```