

# LAMPIRAN

- Berikut merupakan *listing code* dari Form Verifikasi:

```
Imports System.IO

Public Class FrmVerifikasi_vb

    Dim FPDatabase As New FingerspotETouchSDK.FinFPDatabase

    Dim WithEvents verifikasi As FingerspotETouchSDK.FinFPVerification

    Sub clear()

        lblIDver.Text = Nothing

        lblStatus.Text = Nothing

        lblUser.Text = Nothing

        PicUser.Image = Nothing

    End Sub

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

        Try

            verifikasi.FPVerificationCancel()

            verifikasi = Nothing

        Catch ex As Exception

        Return

        End Try

    End Sub

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

        'TODO: This line of code loads data into the
'FortunaDataSet1.fingerprint_t' table. You can move, or remove it, as needed.

        Me.BringToFront()

        Me.Focus()

        clear()

    End Sub

End Class
```

```

        If FPDatabase.ActiveConnection("Driver={MySQL ODBC 5.1
Driver};Server=localhost;Database=fortuna; User=root;Password=;Option=3;") =
FingerspotETouchSDK.ConnectionStatus.sc_Fail Then

            MsgBox("Koneksi Database gagal")

        Else

            verifikasi = New FingerspotETouchSDK.FinFPVerification

            verifikasi.PictureSamplePath = My.Application.Info.DirectoryPath
& "\FPTemp.BMP"

            verifikasi.PictureSampleHeight =
Microsoft.VisualBasic.Compatibility.VB6.PixelsToTwipsY(PictureBox1.Height)

            verifikasi.PictureSampleWidth =
Microsoft.VisualBasic.Compatibility.VB6.PixelsToTwipsX(PictureBox1.Width)

            verifikasi.FPVerification()

        End If

    End Sub

    Private Sub Verification_FPVerificationID(ByRef ID As String, ByRef
FingerNr As FingerspotETouchSDK.FingerNumber) Handles
verifikasi.FPVerificationID

        lblIdVer.Text = ID

        lblUser.Text = Fingerprint_tTableAdapter.dapetFinger(ID, FingerNr)

        FrmPembelian.namaKar = lblUser.Text

        FrmPenjualan.namakar = lblUser.Text

        'PicUser.ImageLocation =
Fingerprint_tTableAdapter.dapetUserpicture(ID)

        Dim bitGbr As Byte() =
Fingerprint_tTableAdapter.dapetUserpicture(ID)

        Dim gbr As Image = Image.FromStream(New
System.IO.MemoryStream(bitGbr))

        PicUser.Image = gbr

        MsgBox("Selamat Datang " & lblUser.Text, MsgBoxStyle.OkOnly +
MsgBoxStyle.Exclamation, "Login Sukses!")

        FrmUtama.Show()

```

```

Me.Hide()

verifikasi.FPVerificationCancel()

verifikasi = Nothing

End Sub

Private Sub Verification_FPVerificationImage() Handles
verifikasi.FPVerificationImage

    Dim imgFile As System.IO.FileStream = New
System.IO.FileStream(My.Application.Info.DirectoryPath & "\FPTemp.BMP",
System.IO.FileMode.Open, System.IO.FileAccess.Read,
System.IO.FileShare.ReadWrite)

    Dim fileBytes(imgFile.Length) As Byte

    imgFile.Read(fileBytes, 0, fileBytes.Length)

    imgFile.Close()

    Dim ms As System.IO.MemoryStream = New
MemoryStream(fileBytes)

    PictureBox1.Image = Image.FromStream(ms)

End Sub

Private Sub Verification_FPVerificationStatus(ByRef Status As
FingerspotETouchSDK.VerificationStatus) Handles
verifikasi.FPVerificationStatus

    Select Case Status

        Case FingerspotETouchSDK.VerificationStatus.v_MultipleMatch

            lblStatus.Text = "Ditemukan Lebih Dari Satu!!"

        Case FingerspotETouchSDK.VerificationStatus.v_OK

            lblStatus.Text = "Selamat Datang!"

        Case FingerspotETouchSDK.VerificationStatus.v_NotFound

            clear()

            lblStatus.Text = "Tidak Ditemukan"

        Exit Sub

        Case FingerspotETouchSDK.VerificationStatus.v_VerFailed

```

```

        lblStatus.Text = "Verifikasi gagal, mohon dicoba lagi"
    Exit Sub

    Case FingerspotETouchSDK.VerificationStatus.v_NoDevice
        MsgBox("Alat Fingerprint Tidak ditemukan")
        Me.Dispose()
    Exit Sub

    Case FingerspotETouchSDK.VerificationStatus.v_PoorQuality
        lblStatus.Text = "Verifikasi gagal, mohon dicoba lagi"
    Exit Sub

End Select

verifikasi.FPVerification()

End Sub

Private Sub tblBatal_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles tblBatal.Click
    Me.Dispose()
End Sub

End Class

```

- Berikut merupakan *listing code* dari Form Jari:

```

Public Class FrmJari

    Sub ambilID()

        Dim teksID As Integer

        If Not
(Fingerprint_tTableAdapter.dapetID().Equals(System.DBNull.Value)) Then

            If (Fingerprint_tTableAdapter.dapetID() >= 1) Then

                teksID = Fingerprint_tTableAdapter.dapetID()

                teksID += 1

            Else

                teksID = 1

            End If

        End If

        txtID.Text = teksID

    End Sub

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

        FrmUtama.Visible = True

    End Sub

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

        If Keys.Enter Then

            tblSimpan.PerformClick()

        End If

    End Sub

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

        lstJari.Focus()

```

```

        ambilID()
    End Sub

    Private Sub tblSimpan_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles tblSimpan.Click
        id = txtID.Text
        jari = CByte(lstJari.SelectedIndex)
        usrName = CStr(txtUser.Text)
        If String.IsNullOrEmpty(jari) Then
            MsgBox("anda belum memilih jari yang akan diregistrasikan!!",
MsgBoxStyle.Information)
        End If
        frmRegistrasi.Show()
        Me.Visible = False
        lstJari.Text = Nothing
    End Sub

    Private Sub tblBatal_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles tblBatal.Click
        Me.Dispose()
    End Sub

    Private Sub FrmJari_VisibleChanged(ByVal sender As Object, ByVal e
As System.EventArgs) Handles Me.VisibleChanged
        If Me.Visible = True Then
            ambilID()
        End If
    End Sub
End Class

```

- Berikut merupakan *listing code* dari Form Registrasi:

```
Imports System.IO
```

```

Imports System.Drawing

Public Class FrmRegistrasi

    Dim FPDatabase As New FingerspotETouchSDK.FinFPDatabase

    Dim WithEvents Registration As
FingerspotETouchSDK.FinFPRegistration

    Dim file_path As String = "C:\Users\dodol\Documents\Visual Studio
2010\Projects\SistemLogin\SistemLogin\Userpicture\"

    Dim file_path_user As String = "C:\Users\dodol\Documents\Visual
Studio 2010\Projects\SistemLogin\SistemLogin\Userpicture\" & userName &
".jpeg"

    Dim rawData As Byte()

    Dim fs As FileStream

    Dim gedeFile As UInt32

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

        'TODO: This line of code loads data into the
'FortunaDataSet1.fingerprint_t' table. You can move, or remove it, as needed.

        Me.Fingerprint_tTableAdapter.Fill(Me.FortunaDataSet1.fingerprint_t)

        tblSimpan.Enabled = False

        If FPDatabase.ActiveConnection("Driver={MySQL ODBC 5.1
Driver};Server=localhost;Database=fortuna; User=root;Password=;Option=3;") =
FingerspotETouchSDK.ConnectionStatus.sc_Fail Then

            MsgBox("Koneksi Database Gagal")

        Else

            Registration = New FingerspotETouchSDK.FinFPRegistration

            Registration.PictureSamplePath =
My.Application.Info.DirectoryPath & "\FPTemp.BMP"

            Registration.PictureSampleHeight =
Microsoft.VisualBasic.Compatibility.VB6.PixelsToTwipsY(PictureBox1.Height)

            Registration.PictureSampleWidth =
Microsoft.VisualBasic.Compatibility.VB6.PixelsToTwipsX(PictureBox1.Width)

```



```

End If

Registration.FPRegistration(id, jari)

End Sub

Private Sub Registration_FPRegistrationImage() Handles
Registration.FPRegistrationImage

    Dim imgFile As System.IO.FileStream = New
System.IO.FileStream(My.Application.Info.DirectoryPath & "\FPTemp.BMP",
System.IO.FileMode.Open, System.IO.FileAccess.Read,
System.IO.FileShare.ReadWrite)

    Dim fileBytes(imgFile.Length) As Byte

    imgFile.Read(fileBytes, 0, fileBytes.Length)

    imgFile.Close()

    Dim ms As System.IO.MemoryStream = New
MemoryStream(fileBytes)

    PictureBox1.Image = Image.FromStream(ms)

End Sub

Private Sub Registration_FPRegistrationStatus(ByRef Status As
FingerspotETouchSDK.RegistrationStatus) Handles
Registration.FPRegistrationStatus

    Select Case Status

        Case FingerspotETouchSDK.RegistrationStatus.r_OK

            MsgBox("Registrasi Sukses. Sidik Jari anda sudah disimpan
dalam Database", vbInformation)

            tblSimpan.Enabled = True

        Case FingerspotETouchSDK.RegistrationStatus.r_FpIdAlreadyExist

            MsgBox("ID dan finger number sudah ada!!", vbInformation)

            If vbOK Then

                Me.Dispose()

            End If

        Case FingerspotETouchSDK.RegistrationStatus.r_NoDevice

```

```

        MsgBox("Pemindai Sidik Jari Tidak Ditemukan, silahkan Cek
Koneksi anda!!", vbInformation)

        Case FingerspotETouchSDK.RegistrationStatus.r_RegFailed

            MsgBox("Registrasi Anda Gagal, silahkan ulangi sekali Lagi",
vbExclamation)

            Case FingerspotETouchSDK.RegistrationStatus.r_WrongFingerNr

                MsgBox("Anda belum memilih Jari yang akan di registrasikan
Pilih Batal!!", vbExclamation)

            End Select

        End Sub

    Private Sub Registration_FPSamplesNeeded(ByRef Samples As Short)
Handles Registration.FPSamplesNeeded

        lblSample.Text = Samples

    End Sub

    Private Sub btnBrowse_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles btnBrowse.Click

        Dim bukaBrowse As New OpenFileDialog

        Dim tPic As Integer = gbrUser.Height

        Dim lPic As Integer = gbrUser.Width

        Dim skalaH As Single

        Dim skalaW As Single

        With bukaBrowse

            .CheckFileExists = True

            .ShowReadOnly = True

            .Filter = "All Files|*.*|Bitmap Files (*)|*.bmp;*.jpg;*.gif"

            .FilterIndex = 2

            If .ShowDialog = Windows.Forms.DialogResult.OK Then

                Dim picSource As New Bitmap(Image.FromFile(.FileName))

                If picSource.Height > tPic Then

```

```

        skalaH = CSng(tPic / picSource.Height)
    End If

    If (picSource.Width * skalaH) > lPic Then
        skalaW = CSng(lPic / picSource.Width)
    End If

    Dim picDest As New Bitmap(CInt(picSource.Width * skalaW),
    CInt(picSource.Height * skalaH))

    Dim tempPic As Graphics = Graphics.FromImage(picDest)

    tempPic.DrawImage(picSource, 0, 0, picDest.Width + 1,
    picDest.Height + 1)

    gbrUser.Image = picDest

    picDest.Save(file_path & usrName & ".jpeg",
    System.Drawing.Imaging.ImageFormat.Jpeg)

    fs = New FileStream(file_path & usrName & ".jpeg",
    FileMode.Open, FileAccess.Read)

    gedeFile = fs.Length

    rawData = New Byte(gedeFile) { }

    fs.Read(rawData, 0, gedeFile)

    fs.Close()

    File.Delete(file_path_user)

    End If

    End With

    End Sub

    Private Sub tblSimpan_Click(ByVal sender As System.Object, ByVal e
    As System.EventArgs) Handles tblSimpan.Click

        Fingerprint_tTableAdapter.updateFingerprint(usrName, rawData, id)

        'FrmUtama.Visible = True

        Me.Dispose()

        FrmJari.Visible = True

```

```

End Sub

Private Sub tblBatal_Click_1(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles tblBatal.Click

    FrmUtama.Visible = True

    Registration.FPRegistrationCancel()

    Me.Dispose()

End Sub

End Class

```

- **Berikut merupakan *listing code* dari Form Utama:**

```

Public Class FrmUtama

    Private Sub FrmUtama_FormClosing(ByVal sender As Object, ByVal e
As System.Windows.Forms.FormClosingEventArgs) Handles Me.FormClosing

        Dim hasil As MsgBoxResult = MsgBox("Apakah Anda Yakin ingin
menutup aplikasi?", MsgBoxStyle.OkCancel + MsgBoxStyle.Exclamation,
"Peringatan")

        If hasil = MsgBoxResult.Ok Then

            Me.Dispose()

            FrmVerifikasi_vb.Dispose()

        Else

            e.Cancel = True

            Return

        End If

    End Sub

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

        If FrmPembelian.namaKar = "dony perdana" Then

            tblkaryawan.Visible = True

        End If

    End Sub

```

End Sub

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

```
    FrmBarang.Show()
```

End Sub

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

```
    FrmBarang.Show()
```

```
    With FrmBarang
```

```
        If .tblEdit.Text = "&Edit" Then
```

```
            teks.bersih(FrmBarang)
```

```
            grid.dapetGridTeks({.txtKdBrg, .txtNamaBarang},  
.MasterTemplate, 0)
```

```
            grid.dapetGridMask({.txtHargaBeli, .txtR1, .txtR2, .txtR3, .txtR4,  
.txtStok}, .MasterTemplate, 2)
```

```
            grid.dapetGridCombo({.lstKategoriBarang, .lstSatuan},  
.MasterTemplate, 8)
```

```
            tbl.aturEdit(FrmBarang, True)
```

```
            .tblEdit.Text = "Selesai"
```

```
            .enbEdit = True
```

```
        Else
```

```
            .tblEdit.Text = "&Edit"
```

```
            tbl.aturEdit(FrmBarang, False)
```

```
            .enbEdit = False
```

```
            .clearGrid()
```

```
        End If
```

```
    End With
```

End Sub

```

Private Sub mnHapusBarang_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles mnHapusBarang.Click

    FrmBarang.Show()

    With FrmBarang

        If .tblEdit.Text = "&Edit" Then

            teks.bersih(FrmBarang)

            grid.dapetGridTeks({.txtKdBrg, .txtNamaBarang},
.MasterTemplate, 0)

            grid.dapetGridMask({.txtHargaBeli, .txtR1, .txtR2, .txtR3, .txtR4,
.txtStok}, .MasterTemplate, 2)

            grid.dapetGridCombo({.lstKategoriBarang, .lstSatuan},
.MasterTemplate, 8)

            tbl.aturEdit(FrmBarang, True)

            .tblEdit.Text = "Selesai"

            .enbEdit = True

        Else

            .tblEdit.Text = "&Edit"

            tbl.aturEdit(FrmBarang, False)

            .enbEdit = False

            .clearGrid()

        End If

    End With

End Sub

```

```

Private Sub mnLapBarang_Click(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles mnLapBarang.Click

    FrmLapBarang.Show()

End Sub

```

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

```
    FrmSupplier.Show()
```

```
End Sub
```

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

```
    FrmSupplier.Show()
```

```
    With FrmSupplier
```

```
        If .tblEditSup.Text = "&Edit" Then
```

```
            teks.bersih(FrmSupplier)
```

```
            grid.dapetGridTeks({.txtKdSup, .txtNamaSup, .txtAlamatSup,  
.txtkdPos}, .gridSupplier, 0)
```

```
            grid.dapetGridCombo({.lstKota}, .gridSupplier, 4)
```

```
            grid.dapetGridTeks({.txtKontak, .txtTelepon}, .gridSupplier, 5)
```

```
            tbl.aturEdit(FrmSupplier, True)
```

```
            .tblEditSup.Text = "Selesai"
```

```
            .enbEdit = True
```

```
        Else
```

```
            .tblEditSup.Text = "&Edit"
```

```
            tbl.aturEdit(FrmSupplier, False)
```

```
            .enbEdit = False
```

```
            .clear()
```

```
        End If
```

```
    End With
```

```
End Sub
```

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

```
    FrmSupplier.Show()
```

```
    With FrmSupplier
```

```
        If .tblEditSup.Text = "&Edit" Then
```

```
            teks.bersih(FrmSupplier)
```

```
            grid.dapetGridTeks({.txtKdSup, .txtNamaSup, .txtAlamatSup,  
.txtkdPos}, .gridSupplier, 0)
```

```
            grid.dapetGridCombo({.lstKota}, .gridSupplier, 4)
```

```
            grid.dapetGridTeks({.txtKontak, .txtTelepon}, .gridSupplier, 5)
```

```
            tbl.aturEdit(FrmSupplier, True)
```

```
            .tblEditSup.Text = "Selesai"
```

```
            .enbEdit = True
```

```
        Else
```

```
            .tblEditSup.Text = "&Edit"
```

```
            tbl.aturEdit(FrmSupplier, False)
```

```
            .enbEdit = False
```

```
            .clear()
```

```
        End If
```

```
    End With
```

```
End Sub
```

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

```
    FrmLapSupplier.Show()
```

```
End Sub
```

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



```
FrmPembelian.Show()
```

```
End Sub
```

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

```
FrmMasterPembelian.Show()
```

```
End Sub
```

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

```
FrmMasterPembelian.Show()
```

```
End Sub
```

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

```
FrmLapPembelian.Show()
```

```
End Sub
```

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

```
FrmPenjualan.Show()
```

```
End Sub
```

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

```
FrmMasterPenjualan.Show()
```

```
End Sub
```

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

```

        FrmLapPenjualan.Show()
    End Sub

    Private Sub mnHapusPenjualan_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles mnHapusPenjualan.Click
        FrmMasterPenjualan.Show()
    End Sub

    Private Sub mnTambahKar_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles mnTambahKar.Click
        FrmJari.Show()
    End Sub

    Private Sub mnMasterKar_Click(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles mnMasterKar.Click
        FrmMasterKaryawan.Show()
    End Sub
End Class

```

- **Berikut merupakan *listing code* dari Form Barang:**

```

Imports MySql.Data
Imports Telerik.WinControls.UI
Imports Telerik.WinControls.Data
Public Class FrmBarang
    Public enbEdit As Boolean
    Dim i As Integer

```

```

Dim kat As String
Dim sat As String
Dim kolom As String

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

    Me.ViewbarangTableAdapter.Fill(Me.FortunaDataSet1.viewbarang)
    Me.TblsatuanTableAdapter.Fill(Me.FortunaDataSet1.tblsatuan)

Me.TblkategoribarangTableAdapter.Fill(Me.FortunaDataSet1.tblkategoribarang)

    'lstKategoriBarang.SelectionStart = 0
    tbl.atuEdit(Me, False)

End Sub

Sub convTextToID()
    kat =
TblkategoribarangTableAdapter.getIDKat(lstKategoriBarang.Text)
    sat = TblsatuanTableAdapter.getIDSatuan(lstSatuan.Text)
End Sub

Sub clearGrid()
    Me.ViewbarangTableAdapter.ClearBeforeFill = True
    Me.ViewbarangTableAdapter.Fill(Me.FortunaDataSet1.viewbarang)
    MasterTemplate.Refresh()
    teks.bersih(Me)
    teks.bersihMask(Me)
    lstKategoriBarang.SelectedIndex = 0
    lstSatuan.SelectedIndex = 0
    i = MasterTemplate.Rows.Count
    Me.MasterTemplate.Rows(i - 1).IsCurrent = True

```

End Sub

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

Try

If String.IsNullOrEmpty(txtKdBrg.Text) Then

    pesan.peringatan("Barang")

    Exit Sub

End If

    convTextToID()

    teks.potong(Me)

    TblbarangTableAdapter.tambahBarang(txtKdBrg.Text,  
txtNamaBarang.Text, CDec(txtHargaBeli.Value), CDec(txtR1.Value),  
CDec(txtR2.Value), CDec(txtR3.Value), CDec(txtR4.Value),  
CDec(txtStok.Value), (kat), (sat))

    clearGrid()

Catch ex As MySqlClient.MySqlException

    pesan.validasiTambah("Data Barang")

End Try

End Sub

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

Try

    teks.potong(Me)

    convTextToID()

    TblbarangTableAdapter.UpdateBarang(txtNamaBarang.Text,  
CDec(txtHargaBeli.Value), CDec(txtR1.Value), CDec(txtR2.Value),  
CDec(txtR3.Value), CDec(txtR4.Value), CDec(txtStok.Value), kat, sat,  
txtKdBrg.Text)

    clearGrid()

```

Catch ex As MySqlConnection.MySqlException
    pesan.validasiUpdate()
End Try
End Sub

Private Sub tblHapusBarang_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles tblHapusBarang.Click
    Try
        Dim terselek As GridViewRowInfo() =
MasterTemplate.SelectedRows.ToArray()
        Dim j As Integer
        For j = 0 To terselek.Length - 1
            TblbarangTableAdapter.hapusBarang(terselek(j).Cells(0).Value)
        Next
        clearGrid()
    Catch ex As MySqlConnection.MySqlException
        pesan.validasiHapus()
    End Try
End Sub

Private Sub MasterTemplate_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MasterTemplate.Click
    teks.bersihCombo(Me)
    If enbEdit = True Then
        grid.dapetGridTeks({txtKdBrg, txtNamaBarang}, MasterTemplate,
0)
        grid.dapetGridMask({txtHargaBeli, txtR1, txtR2, txtR3, txtR4,
txtStok}, MasterTemplate, 2)
        grid.dapetGridCombo({lstKategoriBarang, lstSatuan},
MasterTemplate, 8)
    End If

```

End Sub

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

FrmLapBarang.Show()

End Sub

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

If tblEdit.Text = "&Edit" Then

teks.bersih(Me)

grid.dapetGridTeks({txtKdBrg, txtNamaBarang}, MasterTemplate,  
0)

grid.dapetGridMask({txtHargaBeli, txtR1, txtR2, txtR3, txtR4,  
txtStok}, MasterTemplate, 2)

grid.dapetGridCombo({lstKategoriBarang, lstSatuan},  
MasterTemplate, 8)

tbl.aturEdit(Me, True)

tblEdit.Text = "Selesai"

enbEdit = True

Else

tblEdit.Text = "&Edit"

tbl.aturEdit(Me, False)

enbEdit = False

clearGrid()

End If

End Sub

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

FrmKategoriBarang.Show()

Me.Enabled = False

End Sub

Private Sub MasterTemplate\_CustomFiltering(ByVal sender As Object,  
ByVal e As Telerik.Windows.Controls.UI.GridViewCustomFilteringEventArgs)  
Handles MasterTemplate.CustomFiltering

    grid.gridCustomFilter(e, txtCariBarang, MasterTemplate)

End Sub

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

    Me.MasterTemplate.MasterTemplate.Refresh()

End Sub

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

    FrmSatuan.Show()

    Me.Enabled = False

End Sub

End Class

- **Berikut merupakan *listing code* dari Form Supplier:**

Imports MySql.Data

Imports Telerik.Windows.Controls.UI

Imports Telerik.Windows.Controls.Data

Public Class FrmSupplier

    Dim i As Integer

    Dim kot As String

    Dim kolom As String

    Public enbEdit As Boolean

    Sub clear()

Me.ViewdetilsupplierTableAdapter.Fill(Me.FortunaDataSet1.viewdetilsupplier)

    Me.TblkotaTableAdapter.Fill(Me.FortunaDataSet1.tblkota)

    Me.ViewsupplierTableAdapter.Fill(Me.FortunaDataSet1.viewsupplier)

    teks.bersih(Me)

    i = gridSupplier.Rows.Count

    Me.gridSupplier.Rows(i - 1).IsCurrent = True

    lstKota.SelectedIndex = 0

End Sub

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

'TODO: This line of code loads data into the 'FortunaDataSet1.viewdetilsupplier' table. You can move, or remove it, as needed.

Me.ViewdetilsupplierTableAdapter.Fill(Me.FortunaDataSet1.viewdetilsupplier)

Me.TblkotaTableAdapter.Fill(Me.FortunaDataSet1.tblkota)

Me.ViewsupplierTableAdapter.Fill(Me.FortunaDataSet1.viewsupplier)  
tbl.atuEdit(Me, False)

End Sub

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

Try

If String.IsNullOrEmpty(txtKdSup.Text) Then  
pesan.peringatan("Supplier")

Exit Sub

End If

teks.potong(Me)

kot = TblkotaTableAdapter.getIDFromKota(1stKota.Text)

TblsupplierTableAdapter.tambahSupplier(txtKdSup.Text,  
txtNamaSup.Text, txtAlamatSup.Text, txtkdPos.Text, kot, txtKontak.Text,  
txtTelepon.Text)

clear()

'Me.gridSupplier.Rows(i + 1).IsCurrent = True

Catch ex As MySqlClient.MySqlException  
pesan.validasiTambah("Data Supplier")

End Try

End Sub

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

FrmKota.Show()

Me.Enabled = False

End Sub

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

If tblEditSup.Text = "&Edit" Then

teks.bersih(Me)

grid.dapetGridTeks({ txtKdSup, txtNamaSup, txtAlamatSup,  
txtkdPos }, gridSupplier, 0)

grid.dapetGridCombo({ 1stKota }, gridSupplier, 4)

grid.dapetGridTeks({ txtKontak, txtTelepon }, gridSupplier, 5)

tbl.atuEdit(Me, True)

tblEditSup.Text = "Selesai"

enbEdit = True



```

Else
    tblEditSup.Text = "&Edit"
    tbl.atuEdit(Me, False)
    enbEdit = False
    clear()
End If
End Sub
Private Sub tblHapusSup_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles tblHapusSup.Click
    Try
        Dim terselek As GridViewRowInfo() =
gridSupplier.SelectedRows.ToArray()
        Dim j As Integer
        For j = 0 To terselek.Length - 1
            TblsupplierTableAdapter.hapusSupplier(terselek(j).Cells(0).Value)
        Next
        clear()
    Catch ex As MySqlClient.MySqlException
        pesan.validasiHapus()
    End Try
End Sub
Private Sub tblPerbaikiSup_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles tblPerbaikiSup.Click
    Try
        teks.potong(Me)
        kot = TblkotaTableAdapter.getIDFromKota(1stKota.Text)
        TblsupplierTableAdapter.updateSupplier(txtNamaSup.Text,
txtAlamatSup.Text, txtkdPos.Text, kot, txtKontak.Text, txtTelepon.Text,
txtKdSup.Text)
        clear()
    Catch ex As MySqlClient.MySqlException
        pesan.validasiUpdate()
    End Try
End Sub
Private Sub gridSupplier_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles gridSupplier.Click
    teks.bersihCombo(Me)
    FrmDetilSupplier.passIDSup = gridSupplier.CurrentRow.Cells(0).Value
    If enbEdit = True Then
        grid.dapetGridTeks({ txtKdSup, txtNamaSup, txtAlamatSup,
txtkdPos }, gridSupplier, 0)
        grid.dapetGridCombo({ 1stKota }, gridSupplier, 4)
        grid.dapetGridTeks({ txtKontak, txtTelepon }, gridSupplier, 5)
    End If
End Sub

```

```

Private Sub gridSupplier_CustomFiltering(ByVal sender As Object, ByVal
e As Telerik.WinControls.UI.GridViewCustomFilteringEventArgs) Handles
gridSupplier.CustomFiltering
    grid.gridCustomFilter(e, txtCariSupplier, gridSupplier)
End Sub
Private Sub txtCariSupplier_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles txtCariSupplier.TextChanged
    Me.gridSupplier.MasterTemplate.Refresh()
End Sub
Private Sub tblTambahbrg_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles tblTambahbrg.Click
    FrmDetilSupplier.Show()
    Me.Enabled = False
End Sub
Private Sub tblCetakSup_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles tblCetakSup.Click
    FrmLapSupplier.Show()
End Sub
End Class

```

- **Berikut merupakan *listing code* dari Form Detil Supplier:**

```

Imports Telerik.WinControls.Data
Public Class FrmDetilSupplier
    Friend passIDSup As String
    Dim idBrg As String
    Sub filterBaris()
        'passing passIDSup dari frmSupplier lalu, filter menggunakan
        gridfiltering(berhubung SQL IN kagak bisa...)

        ViewdetilsupplierTableAdapter.FillByKdSup(Me.FortunaDataSet.viewdetil
supplier, passIDSup)
        gridbrg.FilterDescriptors.Clear()
        Dim isibrs As Integer
        Dim baris As Integer = gridDetilSup.Rows.Count
        For baris = 0 To baris - 1
            isibrs = gridDetilSup.Rows(baris).Cells(1).Value
            cr.GridFiltering(gridbrg, isibrs, "kdBarang")
        Next baris

    End Sub

```

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

```
FrmSupplier.ViewsupplierTableAdapter.Fill(FrmSupplier.FortunaDataSet1.viewsupplier)
```

```
FrmSupplier.ViewdetilsupplierTableAdapter.Fill(FrmSupplier.FortunaDataSet1.viewdetilsupplier)
```

```
    FrmSupplier.Enabled = True
```

```
End Sub
```

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

```
    'TODO: This line of code loads data into the 'FortunaDataSet.tbldetilsupplier' table. You can move, or remove it, as needed.
```

```
Me.TbldetilsupplierTableAdapter.Fill(Me.FortunaDataSet.tbldetilsupplier)
```

```
Me.TblbarangTableAdapter.Fill(Me.FortunaDataSet.tblbarang)
```

```
'kalo kedeteksi nol...ambil baris sekarang yang ke select...
```

```
If String.IsNullOrEmpty(passIDSup) Then
```

```
    passIDSup = FrmSupplier.gridSupplier.CurrentRow.Cells(0).Value
```

```
End If
```

```
filterBaris()
```

```
gridbrg.Rows(0).IsSelected = True
```

```
'filter berdasarkan passIDSup...
```

```
End Sub
```

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

```
Try
```

```
    Dim pilihBrs = gridbrg.SelectedRows.ToArray()
```

```
    For i As Integer = 0 To pilihBrs.Length - 1
```

```
        idBrg = pilihBrs(i).Cells(0).Value
```

```
        TbldetilsupplierTableAdapter.tambahDetilSup(passIDSup, idBrg)
```

```
    Next i
```

```
    filterBaris()
```

```
    gridDetilSup.Rows(gridDetilSup.Rows.Count - 1).IsCurrent = True
```

```
Catch ex As Exception
```

```
    Exit Sub
```

```
End Try
```

```
End Sub
```

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

```
Try
```

```
    Dim idSup As String
```

```
    Dim pilihBrsDet = gridDetilSup.SelectedRows.ToArray
```

```
    For i As Integer = 0 To pilihBrsDet.Length - 1
```

```

        idSup = pilihBrsDet(i).Cells(1).Value
        TbldetilsupplierTableAdapter.hapusDetilSup(idSup)
    Next i
    filterBaris()
    gridbrg.Rows(gridbrg.Rows.Count - 1).IsCurrent = True
Catch ex As Exception
    Exit Sub
End Try
End Sub
End Class

```

- **Berikut merupakan *listing code* dari Form Customer:**

```

Imports Telerik.WinControls.UI

Public Class FrmCustomer
    Dim kot As String
    Dim tipe As String
    Dim i As Integer
    Dim enbEdit As Boolean
    Private Sub FrmCustomer_Load(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles MyBase.Load
        'TODO: This line of code loads data into the
'FortunaDataSet.tblcustomer' table. You can move, or remove it, as needed.
        Me.TblcustomerTableAdapter.Fill(Me.FortunaDataSet.tblcustomer)
        'TODO: This line of code loads data into the
'FortunaDataSet.tbltipepelanggan' table. You can move, or remove it, as
needed.

Me.TbltipepelangganTableAdapter.Fill(Me.FortunaDataSet.tbltipepelangga
n)
        'TODO: This line of code loads data into the 'FortunaDataSet.tblkota'
table. You can move, or remove it, as needed.
        Me.TblkotaTableAdapter.Fill(Me.FortunaDataSet.tblkota)
        'TODO: This line of code loads data into the
'FortunaDataSet.viewcustomer' table. You can move, or remove it, as
needed.

Me.ViewcustomerTableAdapter.Fill(Me.FortunaDataSet.viewcustomer)
        'TODO: This line of code loads data into the
'FortunaDataSet.viewcustomer' table. You can move, or remove it, as
needed.

Me.ViewcustomerTableAdapter.Fill(Me.FortunaDataSet.viewcustomer)
        tbl.atuEdit(Me, False)
    End Sub
    Sub convTextToID()

```

```

        kot = TblkotaTableAdapter.getIDFromKota(lstKota.Text)
        tipe =
TbltipepelangganTableAdapter.getIDFromTipePelanggan(lstTipeCust.Text)
    End Sub
    Sub clearGrid()
        Me.ViewcustomerTableAdapter.ClearBeforeFill = True

Me.ViewcustomerTableAdapter.Fill(Me.FortunaDataSet.viewcustomer)
        gridCustomer.Refresh()
        teks.bersih(Me)
        lstKota.SelectedIndex = 0
        lstTipeCust.SelectedIndex = 0
        i = gridCustomer.Rows.Count - 1
        Me.gridCustomer.Rows(i).IsCurrent = True
    End Sub
    Private Sub tblTambahCust_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles tblTambahCust.Click
        Try
            If String.IsNullOrEmpty(txtKdCust.Text) Then
                pesan.peringatan("Barang")
                Exit Sub
            End If
            convTextToID()
            teks.potong(Me)
            TblcustomerTableAdapter.tambahCustomer(txtKdCust.Text,
txtNamaCustomer.Text, txtAlamatCust.Text, kot, txtkdPos.Text,
txtCP.Text, tipe)
            clearGrid()
        Catch ex As Exception
            pesan.validasiTambah("Kode Customer")
        End Try
    End Sub
    Private Sub gridCustomer_Click(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles gridCustomer.Click
        If enbEdit = True Then
            teks.bersihCombo(Me)
            grid.dapetGridTeks({txtKdCust, txtNamaCustomer, txtAlamatCust},
gridCustomer, 0)
            grid.dapetGridCombo({lstKota}, gridCustomer, 3)
            grid.dapetGridTeks({txtkdPos, txtCP}, gridCustomer, 4)
            grid.dapetGridCombo({lstTipeCust}, gridCustomer, 6)
        End If
    End Sub
    Private Sub tblEditCust_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles tblEditCust.Click
        Try

```

```

        If tblEditCust.Text = "&Edit" Then
            teks.bersih(Me)
            grid.dapetGridTeks({txtKdCust, txtNamaCustomer,
txtAlamatCust}, gridCustomer, 0)
            grid.dapetGridCombo({lstKota}, gridCustomer, 3)
            grid.dapetGridTeks({txtkdPos, txtCP}, gridCustomer, 4)
            grid.dapetGridCombo({lstTipeCust}, gridCustomer, 6)
            tbl.aturEdit(Me, True)
            tblEditCust.Text = "Selesai"
            enbEdit = True
        Else
            tblEditCust.Text = "&Edit"
            tbl.aturEdit(Me, False)
            enbEdit = False
            clearGrid()
        End If
    Catch ex As Exception

    End Try
End Sub
Private Sub tblPerbaikiCust_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles tblPerbaikiCust.Click
    Try
        teks.potong(Me)
        convTextToID()
        TblcustomerTableAdapter.updateCustomer(txtNamaCustomer.Text,
txtAlamatCust.Text, kot, txtkdPos.Text, txtCP.Text, tipe, txtKdCust.Text)
        clearGrid()
    Catch ex As Exception
        pesan.validasiUpdate()
    End Try
End Sub

Private Sub tblHapusCust_Click(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles tblHapusCust.Click
    Try
        Dim terselek As GridViewRowInfo() =
gridCustomer.SelectedRows.ToArray()
        Dim j As Integer
        For j = 0 To terselek.Length - 1

TblcustomerTableAdapter.hapusCustomer(terselek(j).Cells(0).Value)
        Next
        clearGrid()
        i = gridCustomer.Rows.Count
        Me.gridCustomer.Rows(i - 1).IsCurrent = True
    End Try
End Sub

```

```

        i -= 1
        Catch ex As Exception
            pesan.validasiHapus()
        End Try
    End Sub
    Private Sub gridCustomer_CustomFiltering(ByVal sender As Object,
ByVal e As Telerik.WinControls.UI.GridViewCustomFilteringEventArgs)
Handles gridCustomer.CustomFiltering
        grid.gridCustomFilter(e, txtCariCust, gridCustomer)
    End Sub
    Private Sub txtCariCust_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles txtCariCust.TextChanged
        Me.gridCustomer.MasterTemplate.Refresh()
    End Sub
    Private Sub tblTambahKota_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles tblTambahKota.Click
        FrmKota.Show()
    End Sub

    Private Sub tblCetakCust_Click(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles tblCetakCust.Click
        FrmLapCustomer.Show()
    End Sub
End Class

```

- **Berikut merupakan *listing code* dari Form Pembelian:**

```

Imports Telerik.WinControls.UI
Public Class FrmPembelian
    Dim kdBrg, nmBrg, sat As String
    Dim qty, hgBli As Integer
    Public namaKar As String
    Sub reset()
        txtUser.Text = namaKar
        mcKdBrg.Text = Nothing
        lblDataBarang.Text = Nothing
        txtNoPembelian.Text = Nothing
        txtQty.Text = Nothing
        gridDetilPembelian.Rows.Clear()
    End Sub
    Sub resetMaster()
        mcKdBrg.Text = Nothing
        txtQty.Text = Nothing

Me.ViewdetilpembelianTableAdapter.FillBydodol(FortunaDataSet1.viewdetilpe
mbelian, FrmMasterPembelian.dapetPemb())
        subtotalcolEdit()

```

```

End Sub
Private Sub subtotalcolEdit()
    Me.gridEditPembelian.Columns("SubTotal").Expression = "HargaBeli *
QtyBeli"
    Dim nilai, total As Integer
    Dim baris As Integer = gridEditPembelian.Rows.Count
    If baris >= 0 Then
        For baris = 0 To baris - 1
            nilai = Me.gridEditPembelian.Rows(baris).Cells(6).Value
            total += nilai
        Next
    End If
    txtTotal.Value = total
End Sub
Private Sub totalcol()
    Me.gridDetilPembelian.Columns("TotalHarga").Expression = "HargaBeli *
Quantity"

    Dim nilai, total As Integer
    Dim baris As Integer = gridDetilPembelian.Rows.Count
    If baris >= 0 Then
        For baris = 0 To baris - 1
            nilai = Me.gridDetilPembelian.Rows(baris).Cells(5).Value
            total += nilai
        Next
    End If
    txtTotal.Value = total
End Sub
Private Sub FrmPembelian_Disposed(ByVal sender As Object, ByVal e As
System.EventArgs) Handles Me.Disposed
    If FrmMasterPembelian.Enabled = False Then
        FrmMasterPembelian.Enabled = True
        FrmMasterPembelian.BringToFront()
    End If
End Sub
Private Sub FrmPembelian_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    'TODO: This line of code loads data into the
'FortunaDataSet.tbldetilpembelian' table. You can move, or remove it, as needed.

Me.TbldetilpembelianTableAdapter.Fill(Me.FortunaDataSet.tbldetilpembelian)
    'TODO: This line of code loads data into the 'FortunaDataSet.viewpembelian'
table. You can move, or remove it, as needed.
    Me.ViewpembelianTableAdapter.Fill(Me.FortunaDataSet.viewpembelian)
    'TODO: This line of code loads data into the
'FortunaDataSet1.viewdetilsupplier' table. You can move, or remove it, as needed.

```



Me.ViewdetilsupplierTableAdapter.Fill(Me.FortunaDataSet1.viewdetilsupplier)  
'TODO: This line of code loads data into the  
'FortunaDataSet1.viewdetilsupplier' table. You can move, or remove it, as needed.

Me.ViewdetilsupplierTableAdapter.Fill(Me.FortunaDataSet1.viewdetilsupplier)  
'TODO: This line of code loads data into the 'FortunaDataSet1.tblsupplier'  
table. You can move, or remove it, as needed.

Me.TblsupplierTableAdapter.Fill(Me.FortunaDataSet1.tblsupplier)  
'TODO: This line of code loads data into the 'FortunaDataSet1.tblpembelian'  
table. You can move, or remove it, as needed.

Me.TblpembelianTableAdapter.Fill(Me.FortunaDataSet1.tblpembelian)  
'TODO: This line of code loads data into the  
'FortunaDataSet1.viewdetilpembelian' table. You can move, or remove it, as  
needed.

Me.ViewdetilpembelianTableAdapter.Fill(Me.FortunaDataSet1.viewdetilpembeli  
an)

```
txtUser.Text = namaKar  
mcKdBrg.Text = Nothing  
lblDataBarang.Text = Nothing
```

```
mcc.filterMultiCombo(mcKdBrg, "NamaBarang")  
mcKdBrg.MultiColumnComboBoxElement.DropDownWidth = 550  
mcKdBrg.MultiColumnComboBoxElement.DropDownHeight = 300  
mcNamaSupplier.MultiColumnComboBoxElement.DropDownHeight = 300  
mcNamaSupplier.MultiColumnComboBoxElement.DropDownWidth = 550  
Timer1.Start()  
totalcol()
```

```
End Sub
```

```
Private Sub Timer1_Tick(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Timer1.Tick
```

```
frms.tanggalJam(lblTanggal, lblJam)
```

```
End Sub
```

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

```
Try
```

```
If tblProses.Text = "Proses" Then
```

```
With mcKdBrg.EditorControl.Rows(mcKdBrg.SelectedIndex)
```

```
kdBrg = .Cells(1).Value
```

```
nmBrg = .Cells(2).Value
```

```
hgBli = .Cells(3).Value
```

```
sat = .Cells(6).Value
```

```
End With
```

```
If String.IsNullOrEmpty(txtQty.Text) Then
```

```
qty = 0
```

```

Else
    qty = txtQty.Value
End If
Me.gridDetilPembelian.Rows.Add(kdBrg, nmBrg, sat, hgBli, qty)
totalcol()
lblDataBarang.Text = nmBrg
Else
    kdBrg =
mcKdBrg.EditorControl.Rows(mcKdBrg.SelectedIndex).Cells(1).Value

TbldetilpembelianTableAdapter.tambahDetilPembelian(txtNoPembelian.Text,
kdBrg, txtQty.Text)
    resetMaster()
    lblDataBarang.Text =
mcKdBrg.EditorControl.Rows(mcKdBrg.SelectedIndex).Cells(2).Value
End If
Catch ex As Exception
    pesan.pesan("Proses Penambahan Item Gagal, Silahkan Kontak
Administrator anda")
End Try
End Sub
Private Sub tblHapusItem_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles tblHapusItem.Click
    Try
        If tblProses.Text = "Proses" Then
            Dim baris As Integer
            baris =
gridDetilPembelian.Rows.IndexOf(Me.gridDetilPembelian.CurrentRow)
            gridDetilPembelian.Rows.RemoveAt(baris)
        Else

            Dim i As Integer
            Dim terselek As GridViewRowInfo() =
gridEditPembelian.SelectedRows.ToArray()
            For i = 0 To terselek.Length - 1

TbldetilpembelianTableAdapter.hapusDetilPembelian(txtNoPembelian.Text,
terselek(i).Cells(1).Value)
                Next
                resetMaster()
            End If
            Catch ex As Exception
                pesan.pesan("Masukan Satu Atau Lebih Item!!")
            End Try
        End Sub

```

```

Private Sub tblHapusAll_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles tblHapusAll.Click
    If tblProses.Text = "Proses" Then
        Me.gridDetilPembelian.Rows.Clear()
    Else
        Dim i As Integer
        For i = 0 To gridEditPembelian.Rows.Count - 1

```

```

TbldetilpembelianTableAdapter.hapusDetilPembelian(txtNoPembelian.Text,
gridEditPembelian.Rows(i).Cells(1).Value)
        Next
        resetMaster()
    End If
End Sub

```

```

Private Sub tblProses_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles tblProses.Click
    If tblProses.Text = "Proses" Then
        If String.IsNullOrEmpty(txtNoPembelian.Text) Then
            pesan.peringatan("Transaksi")
            Exit Sub
        End If
        frmProsesPembelian.Show()
        Me.Enabled = False
    Else
        frmProsesPembelian.tblSimpanPembelian.Text = "Update Data"
        frmProsesPembelian.Show()
        Me.Enabled = False
    End If
End Sub

```

```

Private Sub mcNamaSupplier_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
mcNamaSupplier.SelectedIndexChanged

```

```

Me.ViewdetilsupplierTableAdapter.FillByKdSup(FortunaDataSet1.viewdetilsupp
lier, mcNamaSupplier.Text)

```

```

End Sub

```

```

Sub updatePemb()

```

```

    Me.gridEditPembelian.Visible = True

```

```

    Me.txtNoPembelian.Enabled = False

```

```

    Me.txtNoPembelian.Text = FrmMasterPembelian.dapetPemb()

```

```

    Me.tblProses.Text = "Simpan Perubahan"

```

```

Me.ViewdetilpembelianTableAdapter.FillBydodol(FortunaDataSet1.viewdetilpe
mbelian, FrmMasterPembelian.dapetPemb())

```

```

    Me.txtUser.Text =

```

```

ViewpembelianTableAdapter.dptUsername(FrmMasterPembelian.dapetPemb())

```

```

    Me.txtUser.Enabled = False

```

```

    Me.mcNamaSupplier.Text =
TbIpembelianTableAdapter.dptKdSupplier(FrmMasterPembelian.dapetPemb())
    Me.mcNamaSupplier.Enabled = False
    subtotalcolEdit()
    FrmMasterPembelian.Enabled = False
End Sub
Private Sub RadButton3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles RadButton3.Click
    Me.Dispose()
End Sub
End Class

```

- **Berikut merupakan *listing code* dari Form Verifikasi:**

```

Imports Telerik.Reporting

Public Class frmProsesPembelian

    Dim kdBrg As String

    Dim status As String = "BELUM LUNAS"

    Dim qty, hgBli As Integer

    Private Sub aturList(ByVal hidup As Boolean)

        lstJthTempo.Visible = hidup

        RadLabel1.Visible = hidup

    End Sub

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

        FrmPembelian.Enabled = True

        FrmPembelian.BringToFront()

        FrmPembelian.reset()

    End Sub

    Private Sub frmProsesPembelian_KeyDown(ByVal sender As Object,
ByVal e As System.Windows.Forms.KeyEventArgs) Handles Me.KeyDown

        Select Case e.KeyCode

            Case Keys.F1

                txtBayarPembelian.Value = txtTotal.Value

```

```

        Case Keys.Enter
            tblSimpanPembelian_Click(sender, e)
        Case Keys.Escape
            Me.Dispose()
    End Select
End Sub

Private Sub frmProsesPembelian_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
    'TODO: This line of code loads data into the
'FortunaDataSet.fingerprint_t' table. You can move, or remove it, as needed.
    Me.Fingerprint_tTableAdapter.Fill(Me.FortunaDataSet.fingerprint_t)
    'TODO: This line of code loads data into the
'FortunaDataSet1.tblbarang' table. You can move, or remove it, as needed.
    Me.TblbarangTableAdapter.Fill(Me.FortunaDataSet1.tblbarang)
    'TODO: This line of code loads data into the
'FortunaDataSet1.tbldetilpembelian' table. You can move, or remove it, as needed.
    Me.TbldetilpembelianTableAdapter.Fill(Me.FortunaDataSet1.tbldetilpembelian)
    'TODO: This line of code loads data into the
'FortunaDataSet.tblpembelian' table. You can move, or remove it, as needed.
    Me.TblpembelianTableAdapter.Fill(Me.FortunaDataSet.tblpembelian)
    'TODO: This line of code loads data into the
'FortunaDataSet.tbljenispembayaran' table. You can move, or remove it, as
needed.
    Me.TbljenispembayaranTableAdapter.Fill(Me.FortunaDataSet.tbljenispembayara
n)
    Me.lstJthTempo.Value = Date.Today.AddDays(7)
    Me.txtTotal.Value = FrmPembelian.txtTotal.Value
    Me.txtSisaBayar.Value = FrmPembelian.txtTotal.Value
End Sub

```

```
Private Sub lstMetodePembayaran_SelectedIndexChanged(ByVal sender  
As System.Object, ByVal e As  
Telerik.WinControls.UI.Data.PositionChangedEventArgs) Handles  
lstMetodePembayaran.SelectedIndexChanged
```

```
    If (lstMetodePembayaran.SelectedIndex = 1) Or  
(lstMetodePembayaran.SelectedIndex = 2) Then
```

```
        aturList(True)
```

```
    Else
```

```
        aturList(False)
```

```
    End If
```

```
End Sub
```

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

```
    Try
```

```
        Dim setok As Integer
```

```
        Dim kdhutang As Integer
```

```
        Dim kdBeli As String = FrmPembelian.txtNoPembelian.Text
```

```
        Dim kdSup As String = FrmPembelian.mcNamaSupplier.Text
```

```
        Dim idKar As Integer =  
Fingerprint_tTableAdapter.dapetUsername(FrmPembelian.txtUser.Text)
```

```
        Dim i As Integer
```

```
        Dim tgl As DateTime = Date.Now()
```

```
    If tblSimpanPembelian.Text = "Simpan" Then
```

```
        TblpembelianTableAdapter.tambahPembelian(kdBeli, kdSup, tgl,  
lstMetodePembayaran.SelectedIndex + 1, idKar)
```

```
        If (txtSisaBayar.Value = 0) And  
(lstMetodePembayaran.SelectedIndex = 0) Then
```

```

        status = "LUNAS"
    Else
        status = "BELUM LUNAS"
    End If
    With FrmPembelian.gridDetilPembelian
        For i = 0 To .Rows.Count() - 1
            kdBrg = .Rows(i).Cells(0).Value
            qty = .Rows(i).Cells(4).Value

            TbldetilpembelianTableAdapter.tambahDetilPembelian(kdBeli, kdBrg, qty)
            setok = TblbarangTableAdapter.DapatStok(kdBrg)
            TblbarangTableAdapter.updateStok((qty + setok), kdBrg)
        Next i
    End With
    TblhutangTableAdapter.tambahHutang(kdBeli,
    lstJthTempo.Value, status, txtSisaBayar.Value)

    MsgBox("Apakah anda ingin Mencetak Laporan", vbOKCancel +
    vbInformation, "Cetak Laporan")

    If vbOK Then
        FrmLapPembelian.Show()
    Else
        Me.Dispose()
    End If

    Me.tblCetakLap.Enabled = True
Else
    kdhutang = TblhutangTableAdapter.dapatKdHutang(kdBeli)
    TblhutangTableAdapter.updateHutang(kdBeli,
    lstJthTempo.Value, status, txtSisaBayar.Value, kdhutang)

```

```

        MsgBox("Apakah anda ingin Mencetak Laporan?", vbOKCancel
+ vbInformation, "Cetak Laporan")
        If vbOK Then
            FrmLapPembelian.Show()
        Else
            Me.Dispose()
        End If
    End If

    Catch ex As Exception
        pesan.pesan("Sistem Error!!")
        Me.Dispose()
    End Try
End Sub

Private Sub txtBayarPembelian_ValueChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
txtBayarPembelian.ValueChanged
    txtSisaBayar.Value = CInt(txtTotal.Value) -
CInt(txtBayarPembelian.Value)
End Sub

Private Sub tblBatal_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles tblBatal.Click
    Me.Dispose()
End Sub

Private Sub tblCetakLap_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles tblCetakLap.Click
    Dim kdbeli = FrmPembelian.txtNoPembelian.Text
    FrmLapPembelian.Show()
End Sub
End Class

```



- Berikut merupakan *listing code* dari Form Master Pembelian:

```
Imports Telerik.WinControls.UI
Imports Telerik.WinControls.UI.Export
Imports Telerik.WinControls
Imports System.IO

Public Class FrmMasterPembelian

    Public Function dapetPemb()

        Dim kdPemb As String =
Me.gridMasterPembelian.CurrentRow.Cells(0).Value.ToString

        Return kdPemb

    End Function

    Private Sub IterateChildRows(ByVal rowInfo As
GridViewDataRowInfo)

        Dim childRows As GridViewRowInfo() =
rowInfo.ChildRows.ToArray()

        For i As Integer = 0 To childRows.Length - 1

            MsgBox(childRows(i).Cells(1).Value &
childRows(i).Cells(2).Value)

        Next

    End Sub

    Private Sub FrmMasterPembelian_EnabledChanged(ByVal sender As
Object, ByVal e As System.EventArgs) Handles Me.EnabledChanged

        If Me.Enabled = True Then

Me.ViewdetilpembelianTableAdapter.Fill(Me.FortunaDataSet.viewdetilpembelia
n)

Me.ViewpembelianTableAdapter.Fill(Me.FortunaDataSet.viewpembelian)

        End If

    End Sub

End Class
```

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

```
'TODO: This line of code loads data into the
'FortunaDataSet.tblpembelian' table. You can move, or remove it, as needed.
```

```
Me.TblpembelianTableAdapter.Fill(Me.FortunaDataSet.tblpembelian)
```

```
'TODO: This line of code loads data into the
'FortunaDataSet.viewdetilpembelian' table. You can move, or remove it, as
needed.
```

```
Me.ViewdetilpembelianTableAdapter.Fill(Me.FortunaDataSet.viewdetilpembelia
n)
```

```
'TODO: This line of code loads data into the
'FortunaDataSet.viewpembelian' table. You can move, or remove it, as needed.
```

```
Me.ViewpembelianTableAdapter.Fill(Me.FortunaDataSet.viewpembelian)
```

```
Me.gridMasterPembelian.MasterTemplate.Templates(0).Columns("SubTotal").Ex
pression = "HargaBeli * QtyBeli"
```

```
End Sub
```

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

```
FrmPembelian.Show()
```

```
FrmPembelian.updatePemb()
```

```
End Sub
```

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

```
Try
```

```
Dim i As Integer
```

```
Dim terselek As GridViewRowInfo() =
gridMasterPembelian.SelectedRows.ToArray()
```

```
For i = 0 To gridMasterPembelian.SelectedRows.ToArray.Length -
```

```
1
```

```

TbIpembelianTableAdapter.hapusPembelian(terselek(i).Cells(0).Value)
    Next

Me.ViewdetilpembelianTableAdapter.Fill(Me.FortunaDataSet.viewdetilpembelian)

Me.ViewpembelianTableAdapter.Fill(Me.FortunaDataSet.viewpembelian)
    Catch ex As Exception
        pesan.pesan("Penghapusan Gagal!!, Silahkan Kontak Administrator
Anda!!")
    End Try
End Sub

Private Sub gridMasterPembelian_CustomFiltering(ByVal sender As
Object, ByVal e As
Telerik.WinControls.UI.GridViewCustomFilteringEventArgs) Handles
gridMasterPembelian.CustomFiltering
    grid.gridCustomFilter(e, txtCariPembelian, gridMasterPembelian)
End Sub

Private Sub txtCariPembelian_TextChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
txtCariPembelian.TextChanged
    Me.gridMasterPembelian.MasterTemplate.Refresh()
End Sub

Private Sub tblCetakMaster_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles tblCetakMaster.Click
    Dim exporter As New ExportToPDF(Me.gridMasterPembelian)
    exporter.FileExtension = "pdf"
    exporter.HiddenColumnOption =
Telerik.WinControls.UI.Export.HiddenOption.DoNotExport
    exporter.ExportVisualSettings = False

```

```

exporter.PageTitle = "Laporan Master Pembelian"
exporter.SummariesExportOption = SummariesOption.ExportAll
exporter.FitToPageWidth = True
exporter.Scale = 1.20000005F
exporter.PdfExportSettings.PageHeight = 210
exporter.PdfExportSettings.PageWidth = 297
exporter.ExportHierarchy = True

'dialog..
    If SaveFileDialog1.ShowDialog() <>
System.Windows.Forms.DialogResult.OK Then
        Return
    End If
    If SaveFileDialog1.FileName.Equals(String.Empty) Then
        pesan.pesan("Silahkan Isi Nama Dokumen Terlebih Dahulu")
        Return
    End If
    Try
        Dim namaFile As String = Me.SaveFileDialog1.FileName
        exporter.RunExport(namaFile)
        Dim dr As DialogResult = MsgBox("Data Telah Berhasil Dibuat,
Apakah Anda ingin Membuka File Tersebut?", MsgBoxStyle.Question +
MessageBoxButtons.YesNo, "Perhatian")
        If dr = System.Windows.Forms.DialogResult.Yes Then
            Process.Start(namaFile + ".pdf")
        End If
    Catch ex As Exception
        pesan.pesan("Proses Gagal!! Silakan Hubungi Administrator
Anda!!")

```

```

        End Try
    End Sub

    Private Sub tblCetakLaporan_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles tblCetakLaporan.Click
        FrmLapPembelian.Show()
    End Sub
End Class

```

- **Berikut merupakan *listing code* dari Form Verifikasi:**

```

Imports Telerik.WinControls.UI
Public Class FrmPenjualan
    Dim kdBrg, nmBrg, sat As String
    Dim qty, hgJual, stokdb As Integer
    Public namakar As String
    Sub getID()
        Try
            txtNoPenjualan.Text = TblpenjualanTableAdapter.getIDPenjualan()
        Catch ex As Exception
            pesan.pesan("Koneksi Database Gagal!")
        End Try
    End Sub
    Private Sub totalcol()
        Me.gridDetilPenjualan.Columns("TotalHarga").Expression = "Harga *
Quantity"

        Dim nilai, total As Integer

```

```

Dim baris As Integer = gridDetilPenjualan.Rows.Count
If baris >= 0 Then
    For baris = 0 To baris - 1
        nilai = Me.gridDetilPenjualan.Rows(baris).Cells(5).Value
        total += nilai
    Next
End If
txtTotal.Value = total
End Sub

Private Sub subtotalcolEdit()
    Me.gridEditPembelian.Columns("SubTotal").Expression = "HargaJual
* QtyBeli"

    Dim nilai, total As Integer

    Dim baris As Integer = gridEditPembelian.Rows.Count
    If baris >= 0 Then
        For baris = 0 To baris - 1
            nilai = Me.gridEditPembelian.Rows(baris).Cells(6).Value
            total += nilai
        Next
    End If
    txtTotal.Value = total
End Sub

Sub reset()
    mcCustomer.Text = Nothing
    lblDataBarang.Text = Nothing
    mcNamaBarang.Text = Nothing
    txtQty.Text = Nothing

```

```
gridDetilPenjualan.Rows.Clear()
```

```
End Sub
```

```
Sub resetMaster()
```

```
mcNamaBarang.Text = Nothing
```

```
txtQty.Text = Nothing
```

```
Me.ViewdetilpenjualanTableAdapter.FillBykdPenjualan(FortunaDataSet.viewdetilpenjualan, FrmMasterPenjualan.dapetPenj())
```

```
subtotalcolEdit()
```

```
End Sub
```

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

```
'TODO: This line of code loads data into the  
'FortunaDataSet.tbldetilpenjualan' table. You can move, or remove it, as needed.
```

```
Me.TbldetilpenjualanTableAdapter.Fill(Me.FortunaDataSet.tbldetilpenjualan)
```

```
'TODO: This line of code loads data into the  
'FortunaDataSet.viewpenjualan' table. You can move, or remove it, as needed.
```

```
Me.ViewpenjualanTableAdapter.Fill(Me.FortunaDataSet.viewpenjualan)
```

```
'TODO: This line of code loads data into the  
'FortunaDataSet.viewdetilpenjualan' table. You can move, or remove it, as  
needed.
```

```
Me.ViewdetilpenjualanTableAdapter.Fill(Me.FortunaDataSet.viewdetilpenjualan)
```

```
'TODO: This line of code loads data into the  
'FortunaDataSet.tblpenjualan' table. You can move, or remove it, as needed.
```

```
Me.TblpenjualanTableAdapter.Fill(Me.FortunaDataSet.tblpenjualan)
```

```
'TODO: This line of code loads data into the  
'FortunaDataSet.viewbarang' table. You can move, or remove it, as needed.
```

```
Me.ViewbarangTableAdapter.Fill(Me.FortunaDataSet.viewbarang)
```

'TODO: This line of code loads data into the 'FortunaDataSet.viewcustomer' table. You can move, or remove it, as needed.

```
txtUser.Text = namakar
```

```
Me.ViewcustomerTableAdapter.Fill(Me.FortunaDataSet.viewcustomer)
```

```
    mcc.filterMultiCombo(mcCustomer, "NamaCustomer")
```

```
    mcc.filterMultiCombo(mcNamaBarang, "NamaBarang")
```

```
    mcNamaBarang.MultiColumnComboBoxElement.DropDownWidth =  
550
```

```
    mcNamaBarang.MultiColumnComboBoxElement.DropDownHeight =  
300
```

```
    mcCustomer.MultiColumnComboBoxElement.DropDownHeight =  
300
```

```
    mcCustomer.MultiColumnComboBoxElement.DropDownWidth = 550
```

```
    Timer1.Start()
```

```
    totalcol()
```

```
    getID()
```

```
End Sub
```

```
Private Sub Timer1_Tick(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles Timer1.Tick
```

```
    frms.tanggalJam(lblTanggal, lblJam)
```

```
End Sub
```

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

```
    If tblProses.Text = "Proses" Then
```

```
        With
```

```
mcNamaBarang.EditorControl.Rows(mcNamaBarang.SelectedIndex)
```

```
            kdBrg = .Cells(0).Value
```

```
            nmBrg = .Cells(1).Value
```

```
            stokdb = .Cells(6).Value
```



```

If txtQty.Value > stokdb Then
    pesan.pesan("Stok Tidak Mencukupi!")
    Return
End If

Select Case
mcCustomer.EditorControl.Rows(mcCustomer.SelectedIndex).Cells(6).Value
    Case "Distributor"
        hgJual = .Cells(2).Value
    Case "Retail"
        hgJual = .Cells(3).Value
    Case "Grosir"
        hgJual = .Cells(4).Value
    Case "Kelontong"
        hgJual = .Cells(5).Value
End Select

sat = .Cells(6).Value

End With

If String.IsNullOrEmpty(txtQty.Text) Then
    qty = 0
Else

    qty = txtQty.Value
End If

Me.gridDetilPenjualan.Rows.Add(kdBrg, nmBrg, sat, hgJual, qty)
totalcol()

lblDataBarang.Text = nmBrg

Else

```

```

        With
        mcNamaBarang.EditorControl.Rows(mcNamaBarang.SelectedIndex)

            Select Case
            mcCustomer.EditorControl.Rows(mcCustomer.SelectedIndex).Cells(6).Value

                Case "Distributor"

                    hgJual = .Cells(2).Value

                Case "Retail"

                    hgJual = .Cells(3).Value

                Case "Grosir"

                    hgJual = .Cells(4).Value

                Case "Kelontong"

                    hgJual = .Cells(5).Value

            End Select

        End With

        kdBrg =
        mcNamaBarang.EditorControl.Rows(mcNamaBarang.SelectedIndex).Cells(1).Value

        TblDetailpenjualanTableAdapter.tambahDetilPenjualan(txtNoPenjualan.Text,
        kdBrg, hgJual, txtQty.Text)

        resetMaster()

        lblDataBarang.Text =
        mcNamaBarang.EditorControl.Rows(mcNamaBarang.SelectedIndex).Cells(1).Value

        End If

    End Sub

    Private Sub tblHapusItem_Click(ByVal sender As System.Object, ByVal
    e As System.EventArgs) Handles tblHapusItem.Click

        Try

```

```

    If tblProses.Text = "Proses" Then
        Dim baris As Integer
        baris =
gridDetilPenjualan.Rows.IndexOf(Me.gridDetilPenjualan.CurrentRow)
        gridDetilPenjualan.Rows.RemoveAt(baris)
    Else
        Dim i As Integer
        Dim tersele As GridViewRowInfo() =
gridEditPembelian.SelectedRows.ToArray()
        For i = 0 To tersele.Length - 1
            TbldetilpenjualanTableAdapter.hapusDetilPenjualan(txtNoPenjualan.Text,
            tersele(i).Cells(0).Value)
        Next
        resetMaster()
    End If
    Catch ex As Exception
        pesan.pesan("Masukan Satu Atau Lebih Item!!")
    End Try
End Sub

```

```

Private Sub tblHapusAll_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles tblHapusAll.Click

```

```

    If tblProses.Text = "Proses" Then
        Me.gridDetilPenjualan.Rows.Clear()
    Else
        Dim i As Integer
        For i = 0 To gridEditPembelian.Rows.Count - 1

```

```

TbldetilpenjualanTableAdapter.hapusDetilPenjualan(txtNoPenjualan.Text,
gridEditPembelian.Rows(i).Cells(0).Value)

    Next

    resetMaster()

End If

End Sub

Private Sub tblProses_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles tblProses.Click

    If tblProses.Text = "Proses" Then

        FrmProsesPenjualan.Show()

        Me.Enabled = False

    Else

        FrmProsesPenjualan.tblSimpanPenjualan.Text = "Update Data"

        FrmProsesPenjualan.Show()

        Me.Enabled = False

    End If

End Sub

Private Sub RadButton3_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles RadButton3.Click

    Me.Dispose()

End Sub

Private Sub updatePenj()

    Me.gridEditPembelian.Visible = True

    Me.txtNoPenjualan.Text = FrmMasterPenjualan.dapetPenj()

    Me.tblProses.Text = "Simpan Perubahan"

Me.ViewdetilpenjualanTableAdapter.fillBykdPenjualan(FortunaDataSet.viewdetil
penjualan, FrmMasterPenjualan.dapetPenj())

```

```

        Me.txtUser.Text =
ViewpenjualanTableAdapter.dapetUsername(FrmMasterPenjualan.dapetPenj())

        Me.txtUser.Enabled = False

        Me.mcCustomer.Text =
ViewcustomerTableAdapter.dapetNamaCust(FrmMasterPenjualan.dapetPenj())

        Me.mcCustomer.Enabled = False

        subtotalcolEdit()

        FrmMasterPembelian.Enabled = False

    End Sub

End Class

```

- **Berikut merupakan *listing code* dari Form Proses Penjualan:**

```

Public Class FrmProsesPenjualan

    Dim kdBrg As String

    Dim status As String = "BELUM LUNAS"

    Dim qty, hgJual As Integer

    Dim sisa As Double

    Private Sub aturList(ByVal hidup As Boolean)

        lstJthTempo.Visible = hidup

        RadLabel1.Visible = hidup

    End Sub

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

        FrmPenjualan.Enabled = True

        FrmPenjualan.BringToFront()

        FrmPenjualan.reset()

        FrmPenjualan.getID()

```

End Sub

Private Sub FrmProsesPenjualan\_KeyDown(ByVal sender As Object, ByVal e As System.Windows.Forms.KeyEventArgs) Handles Me.KeyDown

Select Case e.KeyCode

Case Keys.F1

txtBayarPenjualan.Value = txtTotal.Value

Case Keys.Enter

tblSimpanPenjualan\_Click(sender, e)

Case Keys.Escape

Me.Dispose()

End Select

End Sub

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

'TODO: This line of code loads data into the 'FortunaDataSet.fingerprint\_t' table. You can move, or remove it, as needed.

Me.Fingerprint\_tTableAdapter.Fill(Me.FortunaDataSet.fingerprint\_t)

'TODO: This line of code loads data into the 'FortunaDataSet.tblbarang' table. You can move, or remove it, as needed.

Me.TblbarangTableAdapter.Fill(Me.FortunaDataSet.tblbarang)

'TODO: This line of code loads data into the 'FortunaDataSet.tblpiutang' table. You can move, or remove it, as needed.

Me.TblpiutangTableAdapter.Fill(Me.FortunaDataSet.tblpiutang)

'TODO: This line of code loads data into the 'FortunaDataSet.tbldetailpenjualan' table. You can move, or remove it, as needed.

Me.TbldetailpenjualanTableAdapter.Fill(Me.FortunaDataSet.tbldetailpenjualan)

'TODO: This line of code loads data into the 'FortunaDataSet.tblpenjualan' table. You can move, or remove it, as needed.

Me.TblpenjualanTableAdapter.Fill(Me.FortunaDataSet.tblpenjualan)

'TODO: This line of code loads data into the 'FortunaDataSet.tbljenispembayaran' table. You can move, or remove it, as needed.

```
Me.TbljenispembayaranTableAdapter.Fill(Me.FortunaDataSet.tbljenispembayara  
n)
```

```
Me.lstJthTempo.Value = Date.Today.AddDays(7)
```

```
Me.txtTotal.Value = FrmPenjualan.txtTotal.Value
```

```
Me.txtSisaBayar.Value = FrmPenjualan.txtTotal.Value
```

```
End Sub
```

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

```
Dim setok As Integer
```

```
Dim kdjual As String = FrmPenjualan.txtNoPenjualan.Text
```

```
Dim kdcust As String =  
FrmPenjualan.mcCustomer.EditorControl.Rows(FrmPenjualan.mcCustomer.Selec  
tedIndex).Cells(0).Value
```

```
Dim idKar As Integer =  
Fingerprint_tTableAdapter.dapetUsername(FrmPenjualan.txtUser.Text)
```

```
Dim i As Integer
```

```
Dim tgl As DateTime = Date.Now()
```

```
Dim hgJual As Integer
```

```
If tblSimpanPenjualan.Text = "Simpan" Then
```

```
TblpenjualanTableAdapter.tambahPenjualan(kdcust, tgl,  
lstMetodePembayaran.SelectedIndex + 1, idKar)
```

```
If (txtSisaBayar.Value = 0) And  
(lstMetodePembayaran.SelectedIndex = 0) Then
```

```
status = "LUNAS"
```

```
Else
```

```
status = "BELUM LUNAS"
```

```

End If
With FrmPenjualan.gridDetilPenjualan
    For i = 0 To .Rows.Count() - 1
        kdBrg = .Rows(i).Cells(0).Value
        qty = .Rows(i).Cells(4).Value
        hgJual = .Rows(i).Cells(3).Value
        TbldetilpenjualanTableAdapter.tambahDetilPenjualan(kdjual,
kdBrg, hgJual, qty)
        setok = TblbarangTableAdapter.DapatStok(kdBrg)
        TblbarangTableAdapter.updateStok((qty - setok), kdBrg)
    Next i
End With
TblpiutangTableAdapter.tambahPiutang(kdjual, lstJthTempo.Value,
status, txtSisaBayar.Value)
MsgBox("Apakah anda ingin Mencetak Laporan", vbOKCancel +
vbInformation, "Cetak Laporan")
If vbOK Then
    FrmLapPenjualan.Show()
Else
    Me.Dispose()
End If
Else
    TblpiutangTableAdapter.updetPiutang(lstJthTempo.Value, status,
txtSisaBayar.Value, kdjual)
    MsgBox("Apakah anda ingin Mencetak Laporan?", vbOKCancel +
vbInformation, "Cetak Laporan")
    If vbOK Then
        FrmLapPenjualan.Show()
    If vbCancel Then

```



```

        Me.Dispose()
    End If
End If
End If
End Sub

Private Sub lstMetodePembayaran_SelectedIndexChanged(ByVal sender
As System.Object, ByVal e As
Telerik.WinControls.UI.Data.PositionChangedEventArgs) Handles
lstMetodePembayaran.SelectedIndexChanged

    If (lstMetodePembayaran.SelectedIndex = 1) Or
(lstMetodePembayaran.SelectedIndex = 2) Then

        aturList(True)

    Else

        aturList(False)

    End If

End Sub

Private Sub txtBayarPenjualan_ValueChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
txtBayarPenjualan.ValueChanged

    If Double.TryParse(txtSisaBayar.Value, sisa) Then

        If txtSisaBayar.Value > 0 Then

            txtSisaBayar.Value = Cdbl(Me.txtTotal.Value) -
Cdbl(Me.txtBayarPenjualan.Value)

        End If

    End If

    If (txtSisaBayar.Value) < 0 Then

        txtSisaBayar.Value = 0

    End If

End Sub

```

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

```
Me.Dispose()
```

```
End Sub
```

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

```
FrmLapPembelian.Show()
```

```
End Sub
```

```
End Class
```

- **Berikut merupakan *listing code* dari Form Master Penjualan:**

```
Imports Telerik.WinControls.UI.Export
```

```
Imports Telerik.WinControls.UI
```

```
Public Class FrmMasterPenjualan
```

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

```
'TODO: This line of code loads data into the 'FortunaDataSet.tblpenjualan' table. You can move, or remove it, as needed.
```

```
Me.TblpenjualanTableAdapter.Fill(Me.FortunaDataSet.tblpenjualan)
```

```
'TODO: This line of code loads data into the 'FortunaDataSet.viewdetilpenjualan' table. You can move, or remove it, as needed.
```

```
Me.ViewdetilpenjualanTableAdapter.Fill(Me.FortunaDataSet.viewdetilpenjualan)
```

```
'TODO: This line of code loads data into the 'FortunaDataSet.viewpenjualan' table. You can move, or remove it, as needed.
```

```
Me.ViewpenjualanTableAdapter.Fill(Me.FortunaDataSet.viewpenjualan)
```

```
Me.gridMasterPenjualan.MasterTemplate.Templates(0).Columns("SubTotal").Expression = "HargaJual * QtyJual"
```

```
End Sub
```

```
Public Function dapetPenj()
```

```
Dim kdPemb As String =
```

```
Me.gridMasterPenjualan.CurrentRow.Cells(0).Value.ToString
```

```
Return kdPemb
```

```
End Function
```

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

End Sub

```
Private Sub tblCetakMaster_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles tblCetakMaster.Click
    Dim exporter As New ExportToPDF(Me.gridMasterPenjualan)
    exporter.FileExtension = ".pdf"
    exporter.HiddenColumnOption =
Telerik.WinControls.UI.Export.HiddenOption.DoNotExport
    exporter.ExportVisualSettings = False
    exporter.PageTitle = "Laporan Master Penjualan"
    exporter.SummariesExportOption = SummariesOption.ExportAll
    exporter.FitToPageWidth = True
    exporter.Scale = 1.20000005F
    exporter.PdfExportSettings.PageHeight = 210
    exporter.PdfExportSettings.PageWidth = 297
    exporter.ExportHierarchy = True

    'dialog..
    If SaveFileDialog1.ShowDialog() <>
System.Windows.Forms.DialogResult.OK Then
        Return
    End If
    If SaveFileDialog1.FileName.Equals(String.Empty) Then
        pesan.pesan("Silahkan Isi Nama Dokumen Terlebih Dahulu")
        Return
    End If
    Try
        Dim namaFile As String = Me.SaveFileDialog1.FileName
        exporter.RunExport(namaFile)
        Dim dr As DialogResult = MsgBox("Data Telah Berhasil Dibuat, Apakah
Anda ingin Membuka File Tersebut?", MsgBoxStyle.Question +
MessageBoxButtons.YesNo, "Perhatian")
        If dr = System.Windows.Forms.DialogResult.Yes Then
            Process.Start(namaFile + ".pdf")
        End If
    Catch ex As Exception
        pesan.pesan("Proses Gagal!! Silakan Hubungi Administrator Anda!!")
    End Try
End Sub

Private Sub txtCariPenjualan_TextChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles txtCariPenjualan.TextChanged
    Me.gridMasterPenjualan.MasterTemplate.Refresh()
End Sub
```

```

Private Sub gridMasterPenjualan_CustomFiltering(ByVal sender As Object,
ByVal e As Telerik.WinForms.Controls.UI.GridViewCustomFilteringEventArgs)
Handles gridMasterPenjualan.CustomFiltering
    grid.gridCustomFilter(e, txtCariPenjualan, gridMasterPenjualan)
End Sub

```

```

Private Sub tblHapusPenjualan_Click(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles tblHapusPenjualan.Click
    Try
        Dim i As Integer
        Dim terselek As GridViewRowInfo() =
gridMasterPenjualan.SelectedRows.ToArray()
        For i = 0 To gridMasterPenjualan.SelectedRows.ToArray.Length - 1
            TblpenjualanTableAdapter.hapusPenjualan(terselek(i).Cells(0).Value)
        Next

```

```

Me.ViewdetilpenjualanTableAdapter.Fill(Me.FortunaDataSet.viewdetilpenjualan)
Me.ViewpenjualanTableAdapter.Fill(Me.FortunaDataSet.viewpenjualan)
Catch ex As Exception
    pesan.pesan("Penghapusan Gagal!!, Silahkan Kontak Administrator
Anda!!")
End Try
End Sub

```

```

Private Sub RadButton3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles RadButton3.Click
    Me.Dispose()
End Sub
End Class

```