

LISTING PROGRAM MENU UTAMA

```
Private Sub Command1_Click()
If Option1.Value = True Then
    MnuMaster.Enabled = True
    MnuKonsultasi.Enabled = False
Else
    MnuMaster.Enabled = False
    MnuKonsultasi.Enabled = True
End If
    Frame1.Visible = False
    mnuFOut.Visible = True
End Sub

Private Sub MnuAbout_Click()
frmAbout.Show 1
End Sub

Private Sub mnuFExit_Click()
If MsgBox("Yakin Mau Keluar Dari Aplikasi?", vbYesNo, "Konfirmasi") =
vbYes Then
    End
End If
End Sub

Private Sub mnuFOut_Click()
MnuKonsultasi.Enabled = False
MnuMaster.Enabled = True
mnuFOut.Visible = False
Frame1.Visible = False
End Sub

Private Sub mnuKBaru_Click()
frmMasalahBaru.Show 1
End Sub

Private Sub MnuKHardware_Click()
frmPengenalan.Show 1
End Sub

Private Sub MnuKSolusi_Click()
frmCariColusi.Show 1
End Sub

Private Sub MnuMDasar_Click()
frmKomponen.Show 1
End Sub
```

```
Private Sub MnuMMasalah_Click()  
frmMasalah.Show 1  
End Sub
```

```
Private Sub MnuMProgram_Click()  
frmAbout.Show 1  
End Sub
```

```
Private Sub MnuMSolusi_Click()  
frmSolusi.Show 1  
End Sub
```

```
Private Sub mnuPBaru_Click()  
frmViewMasalah.Show 1  
End Sub
```

LISTING PROGRAM DATA KOMPONEN

```
Private Sub cmdBatal_Click()  
Call Bersih  
If strPath <> "" Then  
    Kill strPath  
    strPath = ""  
End If  
txtKode.SetFocus  
End Sub
```

```
Private Sub cmdCetak_Click()  
With CrystalReport1  
    .ReportFileName = App.Path & "\Komponen.rpt"  
    .DiscardSavedData = True  
    .RetrieveDataFiles  
    .WindowState = crptMaximized  
    .Action = 1  
End With  
End Sub
```

```
Private Sub cmdClose_Click()  
Unload Me  
End Sub
```

```
Private Sub cmdSimpan_Click()  
If (txtKode.Text = "") Or (txtFungsi.Text = "") Or (txtKeterangan.Text = "") Then  
    MsgBox "Data belum lengkap!!", vbOKOnly, "Kesalah Input"  
    txtKode.SetFocus  
Else  
RS.Open "Komponen", DB, adOpenDynamic, adLockOptimistic
```

```

If strPath <> "" Then
    st.Type = adTypeBinary
    st.Open
    st.LoadFromFile strPath
End If

If cmdSimpan.Caption = "&Simpan" Then
    RS.AddNew
    RS!Kode_Komponen = UCase(txtKode.Text)
    RS!Nama_Komponen = txtNama.Text
    RS!Fungsi = txtFungsi.Text
    RS!Keterangan = txtKeterangan.Text
    RS!nama_Gambar = txtPath.Text
    RS.Fields("Gambar").Value = st.Read
    RS.Update

Else
    Dim Kode As String
    Kode = "Kode" & "" & UCase(txtKode.Text) & ""
    RS.Find Kode
    RS!Kode_Komponen = UCase(txtKode.Text)
    RS!Nama_Komponen = txtNama.Text
    RS!Fungsi = txtFungsi.Text
    RS!Keterangan = txtKeterangan.Text
    RS.Fields.Value = st.Read
    RS.Update
End If

RS.Close
st.Close
Call Bersih
txtKode.SetFocus
End If
End Sub

Private Sub Command1_Click()
Dim strFileName As String

With Dlg
    .DialogTitle = "Load Image"
    .Cancel = False
    .Filter = ".jpg|.jpg|Gif|.gif|bmp|.bmp|All|.*)"
    .ShowOpen
    If .FileName = "" Then Exit Sub
    FileName = .FileName
    strPath = .FileName
Do While InStr( StrFileName, "\") <> 0
    strFileName = Mid(strFileName, InStr(1, strFileName, "\") + 1)

```

```
Loop
txtPath.Text = strFileName
End With
Text1.Text = strPath
Gambar.Picture = LoadPicture
End Sub
```

```
Private Sub Form_Load()
Call Bersih
Dlg.InitDir = App.Path
End Sub
```

```
Sub Bersih()
txtKode.Text = ""
txtNama.Text = ""
txtFungsi.Text = ""
txtKeterangan.Text = ""
txtPath.Text = ""
Gambar.Picture = Nothing
cmdSimpan.Caption = "&Simpan"
End Sub
```

```
Private Sub Gambar_Click()
frmLoadImage.Image1 = Gambar.Picture
frmLoadImage.Show 1
End Sub
```

```
Private Sub txtFungsi_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
txtKeterangan.SetFocus
End If
End Sub
```

```
Private Sub txtKode_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
Dim Jml As Integer
Teks = txtKode.Text
'Set RS = New ADODB.Recordset
RS.Open "Select count(*) as Juml From Masalah where Kode_Komponen=" &
"" & Teks & """, DB, adOpenDynamic, adLockOptimistic
Jml = RS.Fields("jml").Value
RS.Close

If Jml <> 0 Then
If MsgBox("Data Sudah Ada, Apakah akan diedit?", vbYesNo, "Konfirmasi")
= vbYes Then
RS.Open "Select * From Permasalahan where Kode_masalah=" & "" & Teks
& """, DB, adOpenDynamic, adLockOptimistic
```

```

txtNama.Text = RS!Nama_Komponen
txtFungsi.Text = RS!Fungsi
txtKeterangan.Text = RS!Keterangan
txtPath.Text = RS!nama_Gambar

Dim Temp As String
Temp = App.Path & "\"
Temp = Temp & txtPath.Text

st.Type = adTypeBinary
st.Open
st.Write RS.Fields("Gambar").Value
st.SaveToFile Temp, adSaveCreateOverWrite
st.Close
Set st = Nothing
strPath = Temp
Text1.Text = strPath
Gambar.Picture = LoadPicture(strPath)
cmdSimpan.Caption = "&Edit"
txtNama.SetFocus
Else: Call Bersih
End If
Else
Call Bersih
txtKode.Text = Teks
txtNama.SetFocus
End If
If RS.State = adStateOpen Then
RS.Close
End If
End If
End Sub

Private Sub txtNama_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
txtFungsi.SetFocus
End If
End Sub

```

LISTING PROGRAM DATA PERMASALAHAN

```

Private Sub cmdBatal_Click()
Call Bersih
If strPath <> "" Then
Kill strPath
strPath = ""
End If

```

```
txtKode.SetFocus
End Sub
```

```
Private Sub cmdCetak_Click()
With CrystalReport1
    .ReportFileName = App.Path & "\Komponen.rpt"
    .DiscardSavedData = True
    .RetrieveDataFiles
    .WindowState = crptMaximized
    .Action = 1
End With
End Sub
```

```
Private Sub cmdClose_Click()
Unload Me
End Sub
```

```
Private Sub cmdSimpan_Click()
If (txtKode.Text = "") Or (txtNama.Text = "") Or (txtFungsi.Text = "") Or
(txtKeterangan.Text = "") Then
    MsgBox "Data belum lengkap!!", vbOKOnly, "Kesalah Input"
    txtKode.SetFocus
Else
RS.Open "Komponen", DB, adOpenDynamic, adLockOptimistic
If strPath <> "" Then
    st.Type = adTypeBinary
    st.Open
    st.LoadFromFile strPath
End If
```

```
If cmdSimpan.Caption = "&Simpan" Then
    RS.AddNew
    RS!Kode_Komponen = UCase(txtKode.Text)
    RS!Nama_Komponen = txtNama.Text
    RS!Fungsi = txtFungsi.Text
    RS!Keterangan = txtKeterangan.Text
    RS!nama_Gambar = txtPath.Text
    RS.Fields.Value = st.Read
    RS.Update
```

```
Else
    Dim Kode As String
    Kode = "Kode_Komponen=" & UCase(txtKode.Text) & ""
    RS.Find Kode
    RS!Kode_Komponen = UCase(txtKode.Text)
    RS!Nama_Komponen = txtNama.Text
    RS!Fungsi = txtFungsi.Text
    RS!Keterangan = txtKeterangan.Text
```

```
RS.Fields.Value = st.Read
RS.Update
End If
```

```
RS.Close
st.Close
Call Bersih
txtKode.SetFocus
End If
End Sub
```

```
Private Sub Command1_Click()
Dim strFileName As String
With Dlg
    .DialogTitle = "Load Image"
    .CancelError = true
    .Filter = "jpg|*.jpg|Gif|*.gif|bmp|*.bmp|All|*.*"
    .ShowOpen
    If .FileName = "" Then Exit Sub
    strFileName = .FileName
    strPath = .FileName
    Do While InStr(1, strFileName, "\") <> 0
        strFileName = Mid(strFileName, InStr(1, strFileName, "\") + 1)
    Loop
    txtPath.Text = strFileName
End With
Text1.Text = strPath
Gambar.Picture = LoadPicture(strPath)
End Sub
```

```
Private Sub Form_Load()
Call Bersih
Dlg.InitDir = App.Path
End Sub
```

```
Sub Bersih()
txtKode.Text = ""
txtNama.Text = ""
txtFungsi.Text = ""
txtKeterangan.Text = ""
txtPath.Text = ""
Gambar.Picture = Nothing
cmdSimpan.Caption = "&Simpan"
End Sub
```

```
Private Sub Gambar_Click()
frmLoadImage.Image1 = Gambar.Picture
frmLoadImage.Show
```

```

Private Sub txtFungsi_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
    txtKeterangan.SetFocus
End If
End Sub

```

```

Private Sub txtKode_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
    Dim Jml As Integer
    Dim Teks As String
    Teks = txtKode.Text
    RS.Open "Select count(*) as Juml From Komponen where Kode_Komponen="
    & """" & Teks & """" , DB, adLockOptimistic
    Jml = RS.Fields("juml").Value
    txtNama.Text = RS!Nama_Komponen
    txtFungsi.Text = RS!Fungsi
    txtKeterangan.Text = RS!Keterangan
    txtPath.Text = RS!nama_Gambar
    RS.Close

```

```

    If Jml <> 0 Then
        If MsgBox("Data sudah ada, Apakah akan diedit?", vbYesNo, "Konfirmasi")
        = vbYes Then
            RS.Open "Select * From Komponen where Kode_Komponen=" & """" &
            Teks & """" , DB, adOpenDynamic, adLockOptimistic
            txtNama.Text = RS!Nama_Komponen
            txtFungsi.Text = RS!Fungsi
            txtKeterangan.Text = RS!Keterangan
            txtPath.Text = RS!nama_Gambar
            Dim Temp As String
            Temp = App.Path & "\"
            Temp = Temp & txtPath.Text
            st.Type = adTypeBinary
            st.Open
            st.Write RS.Fields.Value
            st.SaveToFile Temp, adSaveCreateOverWrite
            st.Close
            Set st = Nothing
            strPath = Temp
            Text1.Text = strPath
            Gambar.Picture = LoadPicture(strPath)
            cmdSimpan.Caption = "&Edit"
            txtNama.SetFocus
            txtkomponen.setfocus
        Else: Call Bersih
        End If
    Else
        Call Bersih
    End If

```

```

        txtKode.Text = Teks
        txtNama.SetFocus
    End If
    If RS.State = adStateOpen Then
        End If
    End If
End Sub

```

```

Private Sub txtNama_KeyPress(KeyAscii As Integer)
    If KeyAscii = 13 Then
        txtFungsi.SetFocus
    End If
End Sub

```

LISTING PROGRAM DATA SOLUSI

```

Private Sub cbKode_KeyPress(KeyAscii As Integer)
    If KeyAscii = 13 Then
        RS.Open "Select * From Komponen where Kode_Komponen=" & "" &
        cbKode.Text & "", DB, adOpenDynamic

        txtNamaKomp.Text = RS!Nama_Komponen
        txtFungsi.Text = RS!Fungsi
        Set Gambar.DataSource = RS
        Gambar.DataField = "Gambar"
        RS.Close

        RS.Open "Select Kode_Masalah From Permasalahan where Kode_Komponen =
" & "" & cbKode.Text & "", DB, adLockReadOnly
        ' RS.MoveFirst
        cbMasalah.Clear
        While Not RS.EOF
            Masalah.AddItem (RS!Kode_Masalah)
            RS.MoveNext
        Wend
        RS.Close

        cbMasalah.SetFocus
    Else
        KeyAscii = 0
    End If
End Sub

```

```

Private Sub cbMasalah_KeyPress(KeyAscii As Integer)
    If KeyAscii = 13 Then
        RS.Open "Select count(*) as Juml, Jenis_masalah From Permasalahan where
Kode_Komponen = " & "" & cbKode.Text & "" & _

```

```
" and Kode_Masalah = " & "" & cbMasalah.Text & "" & " Group By  
Jenis_masalah", DB, adOpenDynamic, adLockReadOnly
```

```
If RS.Fields("Juml").Value <> 0 Then  
txtKeterangan = RS!keterangan  
txtMasalah.Text = RS!kode_Masalah  
txtKodeRusak.SetFocus  
txtKeterangan = RS!keterangan  
End If  
RS.Close  
txtKodeRusak.SetFocus  
txtMasalah.Text = RS!kode_Masalah  
txtKeterangan = RS!keterangan  
Else  
KeyAscii = 0  
End If  
End Sub
```

```
Private Sub cmdBatal_Click()  
Call Bersih  
cbKode.SetFocus  
End Sub
```

```
Private Sub cmdClose_Click()  
Unload Me  
End Sub
```

```
Private Sub cmdSimpan_Click()  
If (cbMasalah.Text = "") Or (txtKodeRusak.Text = "") Or (txtSolusi.Text = "")  
Then  
MsgBox "Data belum lengkap!!", vbOKOnly, "Kesalahan input"  
txtMasalah.SetFocus  
txtSolusi.Setfocus  
txtJenis_Kerusakan.Setfocus  
txtMasalah.SetFocus  
txtKerusakan.Setfocus  
Else  
If cmdSimpan.Caption = "&Simpan" Then  
RS.Open "Solusi", DB, adOpenDynamic, adLockOptimistic  
RS.AddNew  
RS!Kode_Masalah = cbMasalah.Text  
RS!Kode_Kerusakan = txtKodeRusak.Text  
RS!Kerusakan = txtCiri.Text  
RS!Kode_Masalah = cbMasalah.Text  
RS!Solusi = txtSolusi.Text  
RS!Kode_Kerusakan = txtKodeRusak.Text  
RS!Keterangan = txtKeterangan.Text  
RS.Update
```

```

    RS.Close
Else
    RS.Open "Update Solusi Set Kerusakan = " & "" & txtCiri.Text & _
        ", Solusi = ", Keterangan = " & _
        "" & txtKeterangan.Text & "" & " Where Kode_Masalah =" & _
        cbMasalah.Text & and Kode_Kerusakan = " & _
        txtKodeRusak.Text & "", DB
End If
Call Bersih
cbKode.SetFocus
End If
RS.Update
RS.Close
End Sub

Private Sub Form_Load()
Call Bersih
Set RS = New ADODB.Recordset
RS.Open "Select Kode_Komponen, Nama_Komponen From Komponen", DB,
adOpenDynamic, adLockReadOnly
cbKode.Clear
RS.Update
While Not RS.EOF
cbKode.AddItem (RS!Kode_Komponen)
RS.MoveNext
Call Bersih
cbKode.SetFocus
Wend
RS.Update
RS.Close
End Sub

Sub Bersih()
cbKode.Text = ""
txtNamaKomp.Text = ""
txtFungsi.Text = ""
cbMasalah.Text = ""
txtMasalah.Text = ""
txtCiri.Text = ""
txtKeterangan.Text = ""
txtSolusi.Text = ""
txtKodeRusak.Text = ""
Gambar.Picture = Nothing
End Sub

```

```

Private Sub Gambar_Click()
frmLoadImage.Image1 = Gambar.Picture
frmLoadImage.Show 1
End Sub

Private Sub txtKodeRusak_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
    If RS.State = adStateOpen Then RS.Close
    RS.Open "Select count(*) as Juml, Kerusakan, Solusi, Keterangan From Solusi
where Kode_Masalah = " & UCase(cbMasalah.Text) & "" & _
        " and Kode_Kerusakan = " & "" & UCase(txtKodeRusak.Text) &
While Not RS.EOF
    If RS!Juml >= 1 Then
        MsgBox "Data sudah ada!!!", vbOKOnly, "Informasi"
        cmdSimpan.Caption = "&Edit"
        txtCiri.Text = RS!Kerusakan
        txtSolusi.Text = RS!Solusi
        txtKeterangan.Text = RS!Keterangan
        cmdSimpan.Caption = "&Edit"
    Else
        cmdSimpan.Caption = "&Edit"
        cmdSimpan.Caption = "&Simpan"
    End If
RS.MoveLast
RS.MoveNext
Wend
txtCiri.SetFocus
    RS.Close
    RS!Nama_User = UCase(txtUser.Text)
    RS!Komponen = txtNamaKomp.Text
    RS!Masalah = txtMasalah.Text
    RS!Ciri = txtCiri.Text
End If
End Sub

```

LISTING PROGRAM VIEW MASALAH BARU

```

Private Sub cbKode_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
    RS.Open "Select * From Komponen where Komponen=" & "" & cbKode.Text
    & DB, adOpenDynamic, adLockReadOnly

    txtNamaKomp.Text = RS!Nama_Komponen
    txtFungsi.Text = RS!Fungsi
    Set Gambar.DataSource = RS
    Gambar.DataField = "Gambar"
    RS.Close

```

```

RS.Open "Select Kode_Masalah From Permasalahan where Kode_Komponen =
" & "" & cbKode.Text & """, DB, adOpenDynamic, adLockReadOnly
' RS.MoveFirst
cbMasalah.Clear
While Not RS.EOF
    cbMasalah.AddItem (RS!Kode_Masalah)
    RS.MoveNext
    RS!Nama_User = UCase(txtUser.Text)
    RS!Komponen = txtNamaKomp.Text
    RS!Masalah = txtMasalah.Text
    RS!Ciri = txtCiri.Text

Wend
RS.Close
cbMasalah.SetFocus
Else
KeyAscii = 0
End If
End Sub

Private Sub cbMasalah_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
    RS.Open "Select count(*) as Juml, Jenis_masalah From Permasalahan where
Kode_Komponen = " & "" & cbKode.Text & "" & _
        " and Kode_Masalah = " & "" & "" & " Group By Jenis_masalah", DB,
adOpenDynamic, adLockReadOnly
    If RS.Fields("Juml").Value <> 0 Then
        txtMasalah.Text = RS!Jenis_Masalah
        'txtKeterangan = RS!keterangan
    End If
    RS.Close
    txtKodeRusak.SetFocus
Else
KeyAscii = 0
End If
End Sub

Private Sub cmdBatal_Click()
Call Bersih
cbKode.SetFocus
End Sub

Private Sub cmdClose_Click()
Unload Me
End Sub

```

```

Private Sub cmdSimpan_Click()
If (cbMasalah.Text = "") Or (txtKodeRusak.Text = "") Or (txtCiri.Text = "") Or
(txtSolusi.Text = "") Or (txtKeterangan.Text = "") Then
MsgBox "Data belum lengkap!!", vbOKOnly, "Kesalahan input"
txtMasalah.SetFocus
'txtKeterangan = RS!keterangan
Else
If cmdSimpan.Caption = "&Simpan" Then
RS.Open "Solusi", DB, adOpenDynamic, adLockOptimistic
RS.AddNew
RS!Kode_Masalah = cbMasalah.Text
RS!Kode_Kerusakan = txtKodeRusak.Text
RS!Kerusakan = txtCiri.Text
RS!Solusi = txtSolusi.Text
txtKeterangan = RS!keterangan
RS!Keterangan = txtKeterangan.Text
RS.Update
RS.Close
Else
RS.Open "Update Solusi Set Kerusakan = " & "" & txtCiri.Text & "" & _
", Solusi = " & "" & txtSolusi.Text, & txtKeterangan = RS!keterangan
& "" & ", Keterangan = " & _
"" & txtKeterangan.Text & "" & " Where Kode_Masalah = " & "" & _
cbMasalah.Text & "" & " and Kode_Kerusakan = " & "" & _
txtKodeRusak.Text & "", DB
End If
Call Bersih
cbKode.SetFocus
End If
End Sub

```

```

Private Sub Form_Load()
Call Bersih
Set RS = New ADODB.Recordset
RS.Open "Select Kode_Komponen, Nama_Komponen From Komponen", DB,
adOpenDynamic, adLockReadOnly
cbKode.Clear
txtKeterangan = RS!keterangan
While Not RS.EOF
cbKode.AddItem (RS!Kode_Komponen)
RS.MoveNext
Wend
RS.Close
End Sub

```

```

Sub Bersih()
cbKode.Text = ""
txtNamaKomp.Text = ""
txtFungsi.Text = ""
cbMasalah.Text = ""
txtMasalah.Text = ""
txtCiri.Text = ""
cbMasalah.Text = ""
txtKeterangan.Text = ""
txtSolusi.Text = ""
cbMasalah.Text = ""
txtKodeRusak.Text = ""
Gambar.Picture = Nothing
End Sub

```

```

Private Sub Gambar_Click()
frmLoadImage.Image1 = Gambar.Picture
frmLoadImage.Show 1
End Sub

```

```

Private Sub txtKodeRusak_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
    If RS.State = adStateOpen Then RS.Close
    RS.Open "Select count(*) as Jum1, Kerusakan, Solusi, Keterangan From Solusi
where Kode_Masalah = " & UCase(cbMasalah.Text) & "" & _
        " and Kerusakan = " & "" & UCase(txtKodeRusak.Text) & "" & "Group
By Kerusakan, Solusi, Keterangan", DB
While Not RS.EOF
    If RS!Jum1 >= 1 Then
        MsgBox "Data sudah ada!!!", vbOKOnly, "Informasi"
        txtCiri.Text = RS!Kerusakan
        cbMasalah.Text = ""
        txtSolusi.Text = RS!Solusi
        txtKeterangan.Text = RS!Keterangan
        cbMasalah.Text = ""
        cmdSimpan.Caption = "&Edit"
    Else
        cmdSimpan.Caption = "&Simpan"
    End If
    RS.MoveLast
    RS.MoveNext
Wend
txtCiri.SetFocus
    RS.Close
End If
End Sub

```

LISTING PROGRAM PENGENALAN KOMPONEN

```
Private pathdir As String
Private Sub cbKomponen_Change()
Dim Nama As String
Dim Jml As Integer
RS.Open "select count(*) as jum1 from Komponen where nama_Komponen=" &
"" & cbKomponen.Text
Jml = RS!Juml
If RS.State = adStateOpen Then RS.Close
If Jml <> 0 Then
    RS.Open "select Fungsi, gambar, nama_Gambar, Keterangan from Komponen
where nama_Komponen=" & "" & cbKomponen.Text & "", DB
txtFungsi.Text = RS!Fungsi
'Text1.Text = "select Fungsi, gambar, nama_Gambar, Keterangan from
Komponen where nama_Komponen=" & "" & cbKomponen.Text & ""
txtKeterangan.Text = RS!Keterangan
Nama = RS!nama_Gambar
cbMasalah.Text = ""
pathdir = App.Path & "\" & Nama
st.Type = adTypeBinary
st.Open
cbMasalah.Text = ""
st.Write RS.Fields("Gambar").Value
st.SaveToFile pathdir, adSaveCreateOverWrite
st.Close
Set st = Nothing
Gambar.Picture = LoadPicture(pathdir)
Kill (pathdir)
cbMasalah.Text = ""
cmdCetak.Enabled = True
Else
    cmdCetak.Enabled = False
End If
'txtKeterangan.Text = "select Fungsi, Keterangan from Komponen where
nama_Komponen=" & "" & cbKomponen.Text & "" cbMasalah.Text = ""
If RS.State = adStateOpen Then RS.Close
End Sub

Private Sub cbKomponen_Click()
Call cbKomponen_Change
End Sub

Private Sub cbKomponen_KeyPress(KeyAscii As Integer)
KeyAscii = 0
End Sub
```

```
Private Sub cmdBatal_Click()
    Bersih
    cbKomponen.SetFocus
End Sub
```

```
Sub Bersih()
    RS.Open "select Nama_Komponen from Komponen", DB
```

```
    cbKomponen.Clear
    While Not RS.EOF
        cbKomponen.AddItem (RS!Nama_Komponen)
    RS.MoveNext
    Wend
    If RS.State = adStateOpen Then RS.Close
    RS!Nama_User = UCase(txtUser.Text)
    RS!Komponen = txtNamaKomp.Text
    RS!Masalah = txtMasalah.Text
    RS!Ciri = txtCiri.Text
```

```
    xtFungsi.Text = ""
    txtKeterangan.Text = ""
    pathdir = ""
    cbMasalah.Text = ""
    Gambar.Picture = Nothing
    cmdCetak.Enabled = False
End Sub
```

```
Private Sub cmdCetak_Click()
    Dim Formula As String
    Formula = "{Komponen.Nama_Komponen}=" & "" & cbKomponen.Text & ""
    With CrystalReport1
        .ReportFileName = App.Path & "\Komponen.rpt"
        .DiscardSavedData = True
        .RetrieveDataFiles
        .ReportSource = 0
        .ReportTitle = "KOMPONEN KOMPUTER"
        .Destination = crptToWindow
        If RS.State = adStateOpen Then RS.Close
        RS!Nama_User = UCase(txtUser.Text)
        RS!Komponen = txtNamaKomp.Text
        RS!Masalah = txtMasalah.Text
        RS!Ciri = txtCiri.Text

        cbMasalah.Text = ""
        .PrintFileType = crptCrystal
        .WindowState = crptMaximized
        .WindowMaxButton = False
        .WindowMinButton = False
    End With
End Sub
```

```

    If cbKomponen.ListIndex <> -1 Then
        .SelectionFormula = Formula
    End If
    .Action = 1
End With
Private Sub cmdClose_Click()
Unload Me
End Sub

```

```

Private Sub Form_Load()
Set RS = New ADODB.Recordset
txtUser.Text = ""
txtNamaKomp.Text = ""
cbMasalah.Text = ""
txtMasalah.Text = ""
cbkerusakan.text = ""
txtCiri.Text = ""
End Sub

```

```

Private Sub Gambar_Click()
frmLoadImage.Image1.Picture = Gambar.Picture
frmLoadImage.Show 1
End Sub

```

LISTING PROGRAM CARI DATA SOLUSI

```

Private pathdir As String
Private Sub cbKomponen_Change()
Dim Nama As String
Dim Jml As Integer

RS.Open "select count(*) as jum1 from Komponen where nama_Komponen=" &
"" & cbKomponen.Text & "", DB
Jml = RS!Juml
If RS.State = adStateOpen Then RS.Close
RS!Nama_User = UCase(txtUser.Text)
RS!Komponen = txtNamaKomp.Text
RS!Masalah = txtMasalah.Text
RS!Ciri = txtCiri.Text

If Jml <> 0 Then
    RS.Open "select Fungsi, gambar, nama_Gambar, Keterangan from Komponen
where nama_Komponen=" & "" & cbKomponen.Text & "", DB
txtFungsi.Text = RS!Fungsi
cbMasalah.Text = ""
Text1.Text = "select Fungsi, gambar, nama_Gambar, Keterangan from Komponen
where nama_Komponen=" & "" & cbKomponen.Text & ""

```

```

txtKeterangan.Text = RS!Keterangan
Nama = RS!nama_Gambar
cbMasalah.Text = ""
pathdir = App.Path & "\" & Nama
st.Type = adTypeBinary
st.Open
st.Write RS.Fields("Gambar").Value
st.SaveToFile pathdir, adSaveCreateOverWrite
st.Close
If RS.State = adStateOpen Then RS.Close
RS!Nama_User = UCase(txtUser.Text)
RS!Komponen = txtNamaKomp.Text
RS!Masalah = txtMasalah.Text
RS!Ciri = txtCiri.Text

Set st = Nothing
Gambar.Picture = LoadPicture(pathdir)
Kill (pathdir)
cbMasalah.Text = ""
cmdCetak.Enabled = True
Else
    cmdCetak.Enabled = False
End If
txtKeterangan.Text = "select Fungsi, Keterangan from Komponen where
nama_Komponen=" & "" & cbKomponen.Text & ""
If RS.State = adStateOpen Then RS.Close
RS!Nama_User = UCase(txtUser.Text)
RS!Komponen = txtNamaKomp.Text
RS!Masalah = txtMasalah.Text
RS!Ciri = txtCiri.Text
End Sub

Private Sub cbKomponen_Click()
Call cbKomponen_Change
End Sub

Private Sub cbKomponen_KeyPress(KeyAscii As Integer)
KeyAscii = 0
End Sub

Private Sub cmdBatal_Click()
Sub Bersih()
txtUser.Text = ""
txtNamaKomp.Text = ""
cbMasalah.Text = ""
txtMasalah.Text = ""
cbkerusakan.text = ""
txtCiri.Text = ""

```

```
cbKomponen.SetFocus
End Sub
```

```
Sub Bersih()
RS.Open "select Nama_Komponen from Komponen", DB
RS!Nama_User = UCase(txtUser.Text)
RS!Komponen = txtNamaKomp.Text
RS!Masalah = txtMasalah.Text
RS!Ciri = txtCiri.Text
cbKomponen.Clear
While Not RS.EOF
    cbKomponen.AddItem (RS!Nama_Komponen)
RS.MoveNext
Wend
If RS.State = adStateOpen Then RS.Close
txtFungsi.Text = ""
txtKeterangan.Text = ""
pathdir = ""
cbMasalah.Text = ""
Gambar.Picture = Nothing
cmdCetak.Enabled = False
End Sub
```

```
Private Sub cmdCetak_Click()
Dim Formula As String
Formula = "{Komponen>Nama_Komponen}=" & "" & cbKomponen.Text & ""
With CrystalReport1
cbMasalah.Text = ""
    .ReportFileName = App.Path & "\Komponen.rpt"
    .DiscardSavedData = True
    .RetrieveDataFiles
    .ReportSource = 0
    .ReportTitle = "KOMPONEN KOMPUTER"
    .Destination = crptToWindow
    .PrintFileType = crptCrystal
    cbMasalah.Text = ""
    .WindowState = crptMaximized
    .WindowMaxButton = False
    .WindowMinButton = False
    If cbKomponen.ListIndex <> -1 Then
        .SelectionFormula = Formula
    End If
    cbMasalah.Text = ""
    .Action = 1
End With
End Sub
```

```
Private Sub cmdClose_Click()
Unload Me
End Sub
```

```
Private Sub Form_Load()
Set RS = New ADODB.Recordset
RS!Nama_User = UCase(txtUser.Text)
RS!Komponen = txtNamaKomp.Text
RS!Masalah = txtMasalah.Text
RS!Ciri = txtCiri.Text
Call Bersih
End Sub
```

```
Private Sub Gambar_Click()
frmLoadImage.Image1.Picture = Gambar.Picture
frmLoadImage.Show 1
End Sub
```

LISTING PROGRAM MASALAH BARU

```
Private Sub cmdBatal_Click()
txtUser.Text = ""
txtNamaKomp.Text = ""
cbMasalah.Text = ""
txtMasalah.Text = ""
cbkerusakan.text = ""
txtCiri.Text = ""
txtUser.SetFocus
End Sub
```

```
Private Sub cmdClose_Click()
Unload Me
End Sub
```

```
Private Sub cmdSimpan_Click()
If (txtUser.Text = "") Or (txtNamaKomp.Text = "") Or (txtMasalah.Text = "") Or
(txtCiri.Text = "") Then
MsgBox "Data belum lengkap!!", vbOKOnly, "Kesalah Input"
cbMasalah.Text = ""
txtUser.SetFocus
Else
Set RS = New ADODB.Recordset
RS.Open "Masalah_Baru", DB, adOpenDynamic, adLockOptimistic
RS.AddNew
RS!Nama_User = UCase(txtUser.Text)
RS!Komponen = txtNamaKomp.Text
RS!Masalah = txtMasalah.Text
```

```

    RS!Ciri = txtCiri.Text
    cbMasalah.Text = ""
RS.Update
RS.Close
Call Bersih
txtUser.SetFocus
End If
End Sub
Private Sub Form_Load()
Call Bersih
txtUser.Text = ""
txtNamaKomp.Text = ""
cbMasalah.Text = ""
txtMasalah.Text = ""
cbkerusakan.text = ""
txtCiri.Text = ""
End Sub

Sub Bersih()
txtUser.Text = ""
txtNamaKomp.Text = ""
cbMasalah.Text = ""
txtMasalah.Text = ""
cbkerusakan.text = ""
txtCiri.Text = ""
End Sub

Private Sub txtNamaKomp_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then txtMasalah.SetFocus
End Sub

Private Sub txtUser_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then txtNamaKomp.SetFocus
st.Type = adTypeBinary
st.Open
st.Write RS.Fields("Gambar").Value
st.SaveToFile Temp, adSaveCreateOverWrite
st.Close
Set st = Nothing
strPath = Temp
End Sub

```