

BAB V

KESIMPULAN DAN SARAN

5.1 Kesimpulan

Berdasarkan hasil Perancangan Sistem Perpustakaan Universitas Darma Persada dapat disimpulkan bahwa :

- Hasil dari perancangan sistem yang dibangun yaitu Aplikasi Sistem Perpustakaan, yang Komprehensif
- Aplikasi Sistem Perpustakaan ini dapat membantu staff perpustakaan dalam menangani kegiatan perpustakaan, seperti : hal - hal mengenai pendataan anggota, staf, pencarian buku, kegiatan peminjaman buku, pengembalian buku, pembuatan kartu anggota, laporan dan dokumentasi data.
- Aplikasi Sistem Perpustakaan dapat digunakan dalam penyimpanan file-file tugas akhir mahasiswa ke dalam database dalam format CHM (Compiled HTML), sehingga jika suatu waktu file tersebut diperlukan, dengan mudah para staff perpustakaan dapat mencarinya ke dalam database dan anggota perpustakaan yang membutuhkan contoh skripsi, dapat langsung melihatnya.

5.2 Saran

Adapun saran-saran yang dapat penulis berikan adalah sebagai berikut:

- Penulis menyarankan agar perpustakaan Universitas Darma Persada mulai mengadakan pengembangan sistem dengan teknologi informasi terbaru, Ini

dipandang perlu karena untuk meningkatkan layanan pengunjung perpustakaan dan untuk mengenal disiplin ilmu teknologi informasi.

- Sebelum sistem baru diterapkan, maka sebaiknya pemakai/user diberikan pelatihan dalam menggunakan "*Aplikasi Sistem Perpustakaan*" yang nantinya akan dipakai dalam penerapan sistem baru.
- Dalam menggunakan Aplikasi Sistem Perpustakaan, pemakai/user juga dituntut harus bertanggung jawab terhadap keakuratan data dan pengolahannya sehingga sistem berjalan dengan baik.
- Seperti yang telah diungkapkan diatas bahwa secara umum Sistem Informasi Perpustakaan Universitas Darma Persada ini akan memberkan informasi yang lengkap dibandingkan dengan sistem yang lama sesuai dengan permintaan user, untuk itu diharapkan agar Aplikasi Sistem ini dapat terus dikembangkan.

DAFTAR PUSTAKA

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6. Wndra Swastika, *Resep Visual Basi*, Jakarta: PT. Dian Rakyat, 2006.
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LAMPIRAN

Source code pada Module

```
Public Koneksi As New ADODB.Connection
Public RsUser As New ADODB.Recordset
Public RsAnggota As New ADODB.Recordset
Public RsBuku As New ADODB.Recordset
Public RsPeminjam As New ADODB.Recordset
Public RsCekPinjam As New ADODB.Recordset
Public Rsagama As New ADODB.Recordset
Public Rs fakultas As New ADODB.Recordset
Public Rs jurusan As New ADODB.Recordset
Public Rs jenis As New ADODB.Recordset
Public Rsaturan As New ADODB.Recordset
Public Rskosong As New ADODB.Recordset
Public Rsskripsi As New ADODB.Recordset
Public Rskp As New ADODB.Recordset
Public Rsrak As New ADODB.Recordset
Public Rskodekatalog As New ADODB.Recordset
Public denda As Integer
Public agama As String
Public agama_tampil As String
Public simpan_agama As String

Public jenis As String
Public jenis_tampil As String
Public simpan_jenis As String
Public kata As String
Public nama As String
Public status As String
Public katalog As String
Public lanjut As Integer
Public cari_jenis As String
Public skripsi As String
Public kp As String
Public rakku As String
Public panggil.skripsi As String

Public Sub BukaDatabase()
Koneksi.CursorLocation = adUseClient
Koneksi.Open "Provider=MSDASQL.1;Persist Security Info=False;Data Source=per_pustakaan"
RsUser.Open "select * from tbl_user", Koneksi, adOpenStatic, adLockOptimistic
RsAnggota.Open "select * from tbl_anggota", Koneksi, adOpenStatic, adLockOptimistic
RsBuku.Open "select * from tbl_buku", Koneksi, adOpenStatic, adLockOptimistic
RsPeminjam.Open "select * from tbl_daftar_peminjam", Koneksi, adOpenStatic, adLockOptimistic
RsCekPinjam.Open "select * from tbl_cekpinjam", Koneksi, adOpenStatic, adLockOptimistic
Rsagama.Open "select * from tbl_agama", Koneksi, adOpenStatic, adLockOptimistic
Rs fakultas.Open "select * from tbl_fakultas", Koneksi, adOpenStatic, adLockOptimistic
Rs jurusan.Open "select * from tbl_jurusan", Koneksi, adOpenStatic, adLockOptimistic
Rs jenis.Open "select * from tbl_jenis", Koneksi, adOpenStatic, adLockOptimistic
Rskodekatalog.Open "select * from tbl_katalog", Koneksi, adOpenStatic, adLockOptimistic
Rsskripsi.Open "select * from tbl_skripsi", Koneksi, adOpenStatic, adLockOptimistic
Rskp.Open "select * from tbl_kp", Koneksi, adOpenStatic, adLockOptimistic
```

```

Rsrak.Open "select * from tbl_rak", Koneksi, adOpenStatic, adLockOptimistic
Rsaturan.Open "select * from tbl_aturan", Koneksi, adOpenStatic, adLockOptimistic
Rskosong.Open "select * from tbl_kosong", Koneksi, adOpenStatic, adLockOptimistic
End Sub

```

Source code pada menu utama

```

Dim ii As Integer
Dim ils As String
Dim jaraklebar1, jaraklebar2, jaraklebar3 As Integer
Dim jaraktinggil, jaraktinggi2, jaraktinggi3, kiri As Integer
Dim byPassF9 As Boolean

Private Sub anggota_Click()
    frmanggota.Show vbModal
End Sub

Private Sub Form_KeyDown(KeyCode As Integer, Shift As Integer)
    Dim i As Integer

    If KeyCode = vbKeyF9 Then
        For i = 1 To 9
            ' FormUtama.Toolbar1.Buttons(i).Enabled = True
        Next
        byPassF9 = True
        UserName = "By Pass Admin"
        userlevel = "Administrator"

        FormUtama.Timer1.Interval = 0
        FormUtama.Timer1.Enabled = False
        FormUtama.StatusBar1.Panels(1).Text = "User Login:" + "By Pass"
    End If
End Sub

Private Sub Form_KeyPress(KeyAscii As Integer)
    If KeyAscii = vbKeyF9 Then mnuUbah.Enabled = True
End Sub

Private Sub Form_Load()
    Call BukaDatabase

    Dim i As Integer
    'CS = Adodc1.ConnectionString

    For i = 1 To 9
        FormUtama.Toolbar1.Buttons(i).Enabled = False
    Next i
    Mem_logoff.Enabled = False
    Mem_login.Enabled = True
    Mem.mnuUbah.Enabled = False

    Mem_master.Enabled = False
    Mem_utility.Enabled = False
    Mem_cetuk.Enabled = False

```

```
StatusBar1.Panels(1).Text = "Silahkan Login terlebih dahulu...!"
```

```
Its = "Silahkan Login terlebih dahulu...!"
```

```
'byPassF9 = False
```

```
End Sub
```

```
Private Sub Form_QueryUnload(Cancel As Integer, UnloadMode As Integer)
```

```
Dim pesan As VbMsgBoxResult
```

```
pesan = MsgBox("Anda yakin akan keluar..?", vbYesNo, "Konfirmasi")
```

```
If pesan = vbYes Then
```

```
Unload Me
```

```
Set FormUtama = Nothing
```

```
Else
```

```
Cancel = 1
```

```
End If
```

```
End Sub
```

```
Private Sub Form_Resize()
```

```
On Error Resume Next
```

```
jaraklebar1 = Me.Width - Me.StatusBar1.Width
```

```
jaraklebar2 = Me.Width - Me.Frame1.Width
```

```
jaraklebar3 = Me.Frame1.Width - Me.Image1.Width
```

```
jarakinggil = Me.Height - Me.StatusBar1.Height
```

```
jarakinggi2 = Me.Height - Me.Frame1.Height
```

```
jarakinggi3 = Me.Frame1.Height - Me.Image1.Height
```

```
kiri = Me.Frame1.Left
```

```
Me.Frame1.Width = Me.Width - 165 *jaraklebar2
```

```
Me.Image1.Width = Me.Frame1.Width - 150 *jaraklebar3
```

```
Me.Frame1.Height = Me.Height - 1500
```

```
Me.Image1.Height = Me.Frame1.Height - 280
```

```
Me.Frame1.Left = kiri
```

```
End Sub
```

```
Private Sub game_Click()
```

```
frmgameticlactoe.Show vbModal
```

```
End Sub
```

```
Private Sub m_aturan_Click()
```

```
frm_aturan.Show vbModal
```

```
End Sub
```

```
Private Sub m_b_anggota_Click()
```

```
frm_b_anggota.Show vbModal
```

```
End Sub
```

```
Private Sub m_b_buku_Click()
```

```
frm_b_buku.Show vbModal
```

```
End Sub
```

```
Private Sub m_b_kp_Click()
```

```
frm_b_kp.Show vbModal
```

```
End Sub
```

```
Private Sub m_b_skripsi_Click()  
frm_b_skripsi.Show vbModal  
End Sub
```

```
Private Sub m_baru_Click()  
frm_cetak_kartu.Show vbModal  
End Sub
```

```
Private Sub m_cetak_transaksi_Click()  
frm_cetak_transaksi.Show vbModal  
End Sub
```

```
Private Sub m_data_Anggota_Click()  
frm_cek_anggota.Show vbModal  
End Sub
```

```
Private Sub m_data_buku_Click()  
frm_cek_buku.Show vbModal  
End Sub
```

```
Private Sub m_input_anggota_Click()  
frm_anggota.Show vbModal  
End Sub
```

```
Private Sub m_input_buku_Click()  
frm_input_buku.Show vbModal  
frm_buku.Show vbModal  
End Sub
```

```
Private Sub m_input_kp_Click()  
frm_kp.Show vbModal  
End Sub
```

```
Private Sub m_input_skripsi_Click()  
frm_skripsi.Show vbModal  
End Sub
```

```
Private Sub m_login_Click()  
frm_login.Show vbModal  
End Sub
```

```
Private Sub m_logoff_Click()  
Me.m_logoff.Enabled = False  
Me.m_login.Enabled = True  
Me.mnuUdah.Enabled = False
```

```
Me.m_master.Enabled = False  
Me.m_utility.Enabled = False  
Me.m_cetak.Enabled = False  
Me.proses.Enabled = False  
End Sub
```

```
Private Sub m_perpanjang_Click()  
frm_perpanjang.Show vbModal  
End Sub
```

```
Private Sub m_transaksi_Click()  
frm_transaksi.Show vbModal  
End Sub
```

```
Private Sub mnuUbah_Click()  
frm_ganti.Show vbModal  
End Sub
```

```
Private Sub Timer1_Timer()  
ii = ii + 1  
StatusBar1.Panels(1).Text = " " + iis  
iis = StatusBar1.Panels(1).Text  
If ii > 200 Then  
iis = "Silahkan Login terlebih dahulu...!"  
ii = 0  
End If  
End Sub
```

```
Private Sub Toolbar1_ButtonClick(ByVal Button As MSComctlLib.Button)  
Select Case Button.Index  
Case 3:  
Case 5:  
Case 6:  
Case 8:  
Case 9:  
End Select  
End Sub  
Source code pada form anggota
```

```
Private Sub cmd_batal_Click()  
'memanggil prosedur batal  
Call batal  
End Sub
```

```
Private Sub cmd_edit_Click()  
'memanggil prosedur edit  
Call edit  
  
End Sub
```

```
Private Sub cmd_hapus_Click()  
'memanggil prosedur hapus  
Call hapus  
End Sub
```

```
Private Sub cmd_periksa_Click()  
frm_cek_anggota.Show vbModal  
  
End Sub
```

```
Private Sub cmd_simpan_Click()  
  
'memanggil prosedur simpan  
Call simpan
```



```
txt_pengarang.SetFocus
txt_pengarang.SelStart = 0
txt_pengarang.SelLength = Len(txt_pengarang.Text)
End If
End Sub
```

```
Private Sub txt_alamat_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
txt_tempat.Enabled = True
txt_tempat.SetFocus
txt_tempat.SelStart = 0
txt_tempat.SelLength = Len(txt_tempat.Text)
End If
End Sub
```

```
Private Sub txt_kode_Change()
'jika panjang karakter dari txt_kodebuku kurang dari 8, maka:
If Len(txt_kode.Text) < 8 Then
'keluar dari prosedur
Exit Sub
End If
```

```
'melakukan pencarian data pada txt_kodebuku
Rs.Anggota.Find "kode_anggota=" + txt_kode + "'", adSearchForward, 1
```

```
'jika data yang dicari ditemukan, maka:
If Not Rs.Anggota.EOF Then
'memanggil prosedur tampil
Call tampil_agama

'Call tampil_fak
'Call tampil_jur
Call status_anggota
```

```
Call tampil
```

```
If combo_status.Text = "MAHASISWA" Then
Call cari_fak_jur
Else
Exit Sub
End If
```

```
Combo_status_Aktif = status
If Combo_status_Aktif = "TIDAK" Then
MsgBox "Anggota sudah tidak aktif!!!"
End If
```

```
'memanggil prosedur tidak_siap_isi
Call tidak_bisa_isi
```

```
'memanggil prosedur buka_tombol
Call buka_tombol
```

```
cmd_simpan.Enabled = False
cmd_Update.Enabled = False
Else
```

```
'memanggil prosedur kunci_tombol  
Call kunci_tombol
```

```
cmd_simpan.Enabled = True  
cmd_batal.Enabled = True
```

```
'memanggil prosedur bersih  
Call bersih
```

```
'kursor fokus pada combo_jenis  
'combo_jenis.Enabled = True  
'combo_jenis.SetFocus
```

```
'memanggil prosedur isi combo  
Call isi_comboagama  
Call isi_combostatus
```

```
End If  
End Sub
```

```
Private Sub kunci_tombol()  
cmd_simpan.Enabled = False  
cmd_batal.Enabled = False  
cmd_edit.Enabled = False  
cmd_Update.Enabled = False  
cmd_hapus.Enabled = False  
End Sub
```

```
Private Sub buka_tombol()  
cmd_simpan.Enabled = True  
cmd_batal.Enabled = True  
cmd_edit.Enabled = True  
cmd_Update.Enabled = True  
cmd_hapus.Enabled = True  
End Sub
```

```
Private Sub txt_kode_KeyPress(KeyAscii As Integer)  
'mengubah karakter menjadi huruf kapital  
KeyAscii = Asc(UCase(Chr(KeyAscii)))
```

```
'melakukan proses pencarian pada txt_kode  
RsAnggota.Find "kode_anggota=" & txt_kode & "'", adSearchForward, 1
```

```
If KeyAscii = 13 Then  
If txt_kode = "" Then  
Unload Me  
'frm_utama.enabled = true  
'frm_utama.show  
Else  
If Not RsAnggota.EOF Then  
Call edit  
End If  
End If  
txt_pengenal.Enabled = True
```

```
txt_pengenal.SetFocus  
End If  
End Sub
```

```
Private Sub txt_nama_KeyPress(KeyAscii As Integer)  
If KeyAscii = 13 Then  
txt_alamat.Enabled = True  
txt_alamat.SetFocus  
txt_alamat.SetStart = 0  
txt_alamat.SetLength = Len(txt_alamat.Text)  
End If  
End Sub
```

```
Private Sub txt_pengenal_KeyPress(KeyAscii As Integer)  
If KeyAscii = 13 Then  
txt_nama.Enabled = True  
txt_nama.SetFocus  
txt_nama.SetStart = 0  
txt_nama.SetLength = Len(txt_nama.Text)  
End If  
End Sub
```

```
Private Sub txt_no_telpon_KeyPress(KeyAscii As Integer)  
If KeyAscii = 13 Then  
If RsAnggota.EOF Then  
Call simpan  
Else  
Call update  
End If  
End If
```

```
If KeyAscii >= 48 And KeyAscii <= 57 Or KeyAscii = vbKeyBack Then  
Else  
KeyAscii = 0  
Beep  
End If  
End Sub
```

```
Private Sub bersih()  
txt_kode.SetFocus  
Combo_agama.Clear  
combo_status.Clear  
Combo_status_Aktif.Clear  
txt_pengenal.Text = ""  
txt_nama.Text = ""  
txt_tempat.Text = ""  
DTPicker1.Value = Date  
txt_alamat.Text = ""  
txt_fakultas.Text = ""  
txt_jurusan.Text = ""  
txt_no_telpon.Text = ""  
txt_masa_berlaku.Text = ""  
End Sub
```

```
Private Sub tidak_bisa_isi()
```

```
Combo_agama.Enabled = False
combo_status.Enabled = False
txt_pengenal.Enabled = False
txt_nama.Enabled = False
txt_tempat.Enabled = False
DT.Picker1.Enabled = False
txt_alamat.Enabled = False
txt_no_telpon.Enabled = False
txt_masa_berlaku.Enabled = False
Combo_status_Aktif.Enabled = False
End Sub
```

```
Private Sub siap_isi()
Combo_agama.Enabled = True
txt_pengenal.Enabled = True
txt_nama.Enabled = True
txt_tempat.Enabled = True
DT.Picker1.Enabled = True
txt_alamat.Enabled = True
combo_status.Enabled = True
txt_no_telpon.Enabled = True
txt_masa_berlaku.Enabled = True
End Sub
```

```
Sub isi_combostatus()
combo_status.Clear
combo_status.AddItem "MAHASISWA"
combo_status.AddItem "DOSEN"
combo_status.AddItem "STAF"
combo_status.AddItem "UMUM"
End Sub
```

```
Sub isi_comboagama()
On Error Resume Next
'Combo_agama.Clear
Rsagama.MoveFirst
While Not Rsagama.EOF
    Combo_agama.AddItem (Rsagama.agama)
    Rsagama.MoveNext
Wend
On Error GoTo 0
```

```
'Do Until Rsagama.EOF
'    Combo_agama.AddItem Rsagama("agama")
'    Rsagama.MoveNext
'Loop
End Sub
```

```
Private Sub tampil()
On Error Resume Next
```

```
With RsAnggota
    Call isi_comboagama
```

```

Call isi_combostatus
'Call cari fakjur
'Combo_agama = !agama
Combo_agama = agama_tampil
combo_status = !pekerjaan

txt_pengenal = !no_pengenal
txt_nama = !nama
txt_tempat = !tempat_lahir
DTPicker1 = !tgl_lahir
txt_alamat = !alamat

txt_no_telpon = !telpon
txt_masa_berlaku = !masa_berlaku
Combo_status_Aktif = !status
End With
End Sub

Private Sub simpan()
Rsaturan.MoveFirst
Rsaturan.Find "aturan = 'per panjang'", adSearchForward, 1

If Combo_agama = "" Or combo_status = "" Then
MsgBox "Inputkan data dengan lengkap dan benar!,, "Input Data"
txt_kode.SetFocus
Else

txt_masa_berlaku.Text = DateAdd("m", Rsaturan!banyak, Date)
Call status_anggota
With RsAnggota
On Error Resume Next
.AddNew
!kode_Anggota = txt_kode.Text
!no_pengenal = txt_pengenal.Text
!nama = txt_nama.Text
!alamat = txt_alamat.Text
!tempat_lahir = txt_tempat.Text
!tgl_lahir = DTPicker1.Value
!kode_agama = agama
!pekerjaan = combo_status.Text
!kode_fakultas = Mid(txt_pengenal.Text, 3, 1)
!kode_jurusan = Mid(txt_pengenal.Text, 4, 1)
!Judul = txt_judul.Text
!telpon = txt_no_telpon.Text
!masa_berlaku = txt_masa_berlaku.Text
!status = status
.update
.MoveFirst
End With

Call batal
On Error GoTo 0
End If

```

End Sub

```
Private Sub batal()  
txt_kode.Enabled = True  
txt_kode.SetFocus  
txt_kode.Text = ""
```

Call tidak_bisa_isi

Call bersih

Call kunci_tombol

Rsagama.MoveFirst

End Sub

```
Private Sub edit()  
Call siap_isi
```

```
cmd_edit.Enabled = False  
cmd_Update.Enabled = True  
cmd_hapus.Enabled = False  
txt_pengenal.SetFocus  
End Sub
```

```
Private Sub update()  
With RsAnggota  
On Error Resume Next
```

.Clone

!no_pengenal = txt_pengenal.Text

!nama = txt_nama.Text

!alamat = txt_alamat.Text

!tempat_lahir = txt_tempat.Text

!tgl_lahir = DTPicker1.Value

!kode_agama = agama

!pekerjaan = combo_status.Text

!kode_fakultas = Mid(txt_pengenal.Text, 3, 1)

!kode_jurusan = Mid(txt_pengenal.Text, 4, 1)

!Judul = txt_judul.Text

!telpon = txt_no_telpon.Text

!masa_berlaku = txt_masa_berlaku.Text

!status = Combo_status_Aktif.Text

.update

On Error GoTo 0

End With

Call batal

```
cmd_batal.Enabled = False  
cmd_edit.Enabled = False
```

End Sub

```
Private Sub hapus()  
On Error Resume Next
```

```
pesan = MsgBox("Yakin ingin dihapus ?", vbOKCancel, "Hapus Record")
```

```
If pesan = vbOK Then  
With RsAnggota  
Delete  
MoveFirst  
End With  
Else  
Exit Sub  
End If
```

```
txt_kode.Enabled = True  
txt_kode.SetFocus
```

```
Call tidak_bisa_isi
```

```
Call bersih
```

```
txt_kode = ""
```

```
cmd_batal.Enabled = False  
cmd_edit.Enabled = False  
cmd_hapus.Enabled = False  
On Error GoTo 0
```

```
End Sub
```

```
Private Sub txt_tempat_KeyPress(KeyAscii As Integer)
```

```
If KeyAscii = 13 Then  
DTPicker1.Enabled = True
```

```
Combo_agama.Enabled = True  
Combo_agama.SetFocus  
Call isi_comboagama  
End If
```

```
End Sub
```

```
'=====
```

```
Public Sub kode_agama()  
Rsagama.MoveFirst  
Rsagama.Find "agama=" & Combo_agama.Text & "", , adSearchForward, 1  
agama = Rsagama!kode_agama  
End Sub
```

```
Public Sub tampil_agama()  
Rsagama.Find "kode_agama=" & RsAnggota!kode_agama & " ", , adSearchForward, 1  
agama_tampil = Rsagama!agama  
End Sub
```

```
Private Sub status_anggota()
```

```

If Len(txt_masa_berlaku.Text) < 1 Then
  If RsAnggota!masa_berlaku < Date Then
    status = "TIDAK"
  Else
    status = "AKTIF"
  End If
End If
End Sub

```

```

Private Sub cari_fak_jur()
Rs fakultas.Find "kode_fakultas = " + Mid(txt_pengenal, 3, 1) + "", , adSearchForward, 1
txt_fakultas = Rs fakultas! fakultas
Rs jurusan.Find "kode_jurusan = " + Mid(txt_pengenal, 4, 1) + "", , adSearchForward, 1
If Rs jurusan!kode_fakultas = Mid(txt_pengenal.Text, 3, 1) Then
  txt_jurusan = Rs jurusan! jurusan
End If
End Sub

```

Source code pada form cari anggota

```

Private Sub cb_hapus_Click()
On Error Resume Next
  pesan = MsgBox("Yakin akan di UNSORT ?", vbOKCancel, "UNSORT Record")
  If pesan = vbOK Then
    'RsAnggota.Delete
    'RsAnggota.Move! 'irst

    RsAnggota.Filter = ""
    Set DataGrid1.DataSource = RsAnggota
    'Call form

  Else
    txt_kriteria = ""
    txt_kriteria.SetFocus
    cb_hapus.Enabled = False
  End If
  txt_kriteria = ""
  txt_kriteria.SetFocus
  cb_hapus.Enabled = False
  On Error GoTo 0

```

End Sub

```

Private Sub cb_keluar_Click()
Unload Me
End Sub

```

```

Private Sub Combol_Click()
Select Case Combol

```

```

Case "Kode"
  txt_kriteria = ""
  txt_kriteria.SetFocus
Case "Nama"
  txt_kriteria = ""

```



```
txt_kriteria.SetFocus
Case "Alamat"
txt_kriteria = ""
txt_kriteria.SetFocus
End Select
End Sub
```

```
Private Sub Form_Activate()
Set DataGrid1.DataSource = RsAnggota
'Call Format
Call fied
Call jumlah
End Sub
```

```
Private Sub Form_QueryUnload(Cancel As Integer, UnloadMode As Integer)
Unload Me
Set frm_b_anggota = Nothing
End Sub
```

```
Private Sub Form_Unload(Cancel As Integer)
Unload Me
End Sub
```

```
Private Sub o_kode_Click()
RsAnggota.Sort = "kode_anggota"
End Sub
```

```
Private Sub o_nama_Click()
RsAnggota.Sort = "nama"
End Sub
```

```
Private Sub txt_kriteria_KeyPress(KeyAscii As Integer)
KeyAscii = Asc(UCase(Chr(KeyAscii)))
```

```
On Error Resume Next
```

```
If KeyAscii = 13 Then
txt_kriteria.SetFocus
txt_kriteria.SelStart = 0
txt_kriteria.SelLength = Len(txt_kriteria.Text)
```

```
Select Case Combo1
Case "Kode Anggota"
RsAnggota.Find "kode_anggota like '" + txt_kriteria + "'", adSearchForward, 1
Case "No Pengenal"
RsAnggota.Find "no_pengenal like '" + txt_kriteria + "'", adSearchForward, 1
Case "Nama"
RsAnggota.Find "nama like '" + txt_kriteria + "'", adSearchForward, 1
Case "Alamat"
RsAnggota.Find "alamat like '" + txt_kriteria + "'", adSearchForward, 1
End Select
```

```
If RsAnggota.EOF Then
MsgBox "data yang anda cari tidak ditemukan", vbOKOnly + vbCritical, "Pencarian"
RsAnggota.MoveFirst
```

```
txt_kriteria.Text = ""  
txt_kriteria.SetFocus  
cb_hapus.Enabled = False  
Else  
cb_hapus.Enabled = True  
End If  
End If  
On Error GoTo 0
```

```
End Sub
```

```
Private Sub filed()
```

```
With Combo1
```

```
.Clear
```

```
.AddItem "Kode Anggota"
```

```
.AddItem "No Pengenal"
```

```
.AddItem "Nama"
```

```
.AddItem "Alamat"
```

```
End With
```

```
End Sub
```

```
Private Sub txt_kriteria_MouseMove(Button As Integer, Shift As Integer, X As Single, Y As Single)
```

```
Select Case Combo1
```

```
Case "Kode Anggota"
```

```
txt_kriteria.ToolTipText = "Ketikkan Kode dan tekan enter"
```

```
Case "No Pengenal"
```

```
txt_kriteria.ToolTipText = "Ketikkan no pengenal(NIM/NIP/KTP) dan tekan enter"
```

```
Case "Nama"
```

```
txt_kriteria.ToolTipText = "Ketikkan Nama dan tekan enter"
```

```
Case "Alamat"
```

```
txt_kriteria.ToolTipText = "Ketikkan Alamat dan tekan enter"
```

```
End Select
```

```
End Sub
```

```
Private Sub jumlah()
```

```
lbl_jumlah.Caption = RsAnggota.RecordCount
```

```
End Sub
```

```
Source code pada form login
```

```
Public status As String
```

```
Private Sub c_batal_Click()
```

```
Unload Me
```

```
FormUtama.Enabled = True
```

```
FormUtama.m_utility.Enabled = False
```

```
FormUtama.m_cetak.Enabled = False
```

```
FormUtama.m_logoff.Enabled = False
```

```
FormUtama.m_login.Enabled = True
```

```
End Sub
```

```
Private Sub c_ok_Click()
```

```
RsUser.Find "User_Name=" & txt_user.Text & "", , adSearchForward, 1
```

```

If RsUser.EOF Then
    MsgBox "User Anda tidak dikenali...!!!", vbCritical, "User Name"
    txt_user.Text = ""
    txt_pass.Text = ""
    txt_user.SetFocus
Else
    If txt_pass.Text = RsUser!Password Then
        FormUtama.Enabled = True
        'FormUtama.Show
        nama = RsUser!User_name
        status = RsUser!Sts_User

        Call hak
        Call masuk
        FormUtama.m_logo.Enabled = True
        FormUtama.m_login.Enabled = False
        FormUtama.mnuUbah.Enabled = True

        FormUtama.m_master.Enabled = True
        FormUtama.m_utility.Enabled = True
        FormUtama.m_cetak.Enabled = True

        Unload Me
    Else
        MsgBox "Password Anda Salah...!!!", vbCritical, "Password"
        txt_pass.Text = ""
        txt_pass.SetFocus
    End If
End If

End Sub

Private Sub Form_Load()
    txt_user.Text = ""
    txt_pass.Text = ""
    Load FormUtama
    FormUtama.Show
    FormUtama.Enabled = False
End Sub

Private Sub hak()
    Select Case status
        Case "ADMINISTRATOR"
            FormUtama.m_utility.Enabled = True
            FormUtama.m_cetak.Enabled = True
        Case "OPERATOR"
            FormUtama.m_utility.Enabled = False
    End Select

End Sub

Private Sub Form_QueryUnload(Cancel As Integer, UnloadMode As Integer)

```

```
Unload Me
Set frm_login = Nothing
End Sub
```

```
Private Sub txt_pass_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
    c_ok_Click
End If
End Sub
```

```
Private Sub txt_user_KeyPress(KeyAscii As Integer)
KeyAscii = Asc(UCase(Char(KeyAscii)))
If KeyAscii = 13 Then
    txt_pass.SetFocus
    txt_pass.SelStart = 0
    txt_pass.SelLength = Len(txt_pass)
End If
End Sub
```

```
Private Sub masuk()
FormUtama.Timer1.Interval = 0
FormUtama.Timer1.Enabled = False
kata = "User: " + nama + " Status: " + status
FormUtama.StatusBar1.Panels(1).Text = kata
End Sub
```

Sorce code pada form Tambah user

```
Private Sub cmd_Batal_Click()
Call gak_bisa
```

```
cmd_simpan.Enabled = False
cmd_Update.Enabled = False
cmd_edit.Enabled = False
cmd_batal.Enabled = False
cmd_hapus.Enabled = False
```

```
txt_user.Text = ""
txt_password.Text = ""
txt_user.Enabled = True
Combo_status.Clear
```

```
End Sub
```

```
Private Sub cmd_edit_Click()
cmd_simpan.Enabled = False
cmd_edit.Enabled = False
cmd_hapus.Enabled = False
```

```
cmd_Update.Enabled = True
cmd_batal.Enabled = False
```

```
txt_user.Enabled = False
txt_password.Enabled = True
```

```
txt_password.SetLength = Len(txt_passwordText)
txt_password.SetFocus
Combo_status.Enabled = True
End Sub
```

```
Private Sub cmd_hapus_Click()
pesan = MsgBox("Yakin ingin menghapus?", vbYesNo, "Hapus Data")
If pesan = vbYes Then
RsUser.Delete
txt_user.SetFocus
txt_user.Text = ""
txt_password.Text = ""
Combo_status.Clear

cmd_hapus.Enabled = False
cmd_edit.Enabled = False
cmd_simpan.Enabled = False
cmd_batal.Enabled = False
Else
txt_user.SetFocus
End If
End Sub
```

```
Private Sub cmd_simpan_Click()
If txt_password.Text = "" Or Combo_status = "" Then
MsgBox "Isi data dengan lengkap", vbOKOnly + vbCritical, "User"
txt_password.SetFocus
Else
jawab = MsgBox("Apakah Anda yakin akan menyimpan data" & txt_user.Text & " Ke Database user ?", vbYesNo + vbQuestion, "Simpan User")

If jawab = vbYes Then
With RsUser
.AddNew
!user_name = txt_user.Text
!Password = txt_password.Text
!sts_user = Combo_status.Text
.update
End With
End If

Call bersih

txt_user.SetFocus

cmd_simpan.Enabled = False
cmd_batal.Enabled = False
Set DataGrid1.DataSource = RsUser
Call format
End If
End Sub
```

```
Private Sub cmd_tutup_Click()
Unload Me
Set frm_tambah_user = Nothing
```

End Sub

Private Sub cmd_Update_Click()

With RsUser

.Clone

!user_name = txt_user

!Password = txt_password

!sts_user = Combo_status

.update

End With

txt_user.Enabled = True

txt_user.SetFocus

txt_user.Text = ""

txt_password.Text = ""

Combo_status.Clear

Call gak_bisa

cmd_batal.Enabled = False

cmd_Update.Enabled = False

End Sub

Private Sub Combo_status_KeyPress(KeyAscii As Integer)

If KeyAscii = 13 Then

If RsUser.EOF Then

cmd_simpan_Click

Else

cmd_Update_Click

End If

End If

End Sub

Private Sub Form_Activate()

Call status

Call bersih

cmd_simpan.Enabled = False

cmd_batal.Enabled = False

cmd_edit.Enabled = False

cmd_Update.Enabled = False

cmd_hapus.Enabled = False

Set DataGrid1.DataSource = RsUser

Call format

End Sub

Private Sub Form_QueryUnload(Cancel As Integer, UnloadMode As Integer)

Unload Me

Set frm_tambah_user = Nothing

End Sub

```
Private Sub status()
Combo_status.AddItem "ADMINISTRATOR"
Combo_status.AddItem "OPERATOR"
Combo_status.AddItem "USER"
End Sub
```

```
Private Sub tampil()
On Error Resume Next
```

```
Combo_status.Clear
```

```
Call status
```

```
With RsUser
txt_user.Text = !user_name
txt_password.Text = !Password
Combo_status.Text = !sts_user
End With
End Sub
```

```
Private Sub gak_bisa()
txt_password.Enabled = False
Combo_status.Enabled = False
End Sub
```

```
Private Sub txt_password_KeyPress(KeyAscii As Integer)
If KeyAscii = 13 Then
If txt_password.Text = "" Then
txt_password.SetFocus
Else
Combo_status.SetFocus
End If
End If
End Sub
```

```
Private Sub txt_user_Change()
If Len(txt_user.Text) < 1 Then
Exit Sub
End If
```

```
RsUser.Find "User_name=" & txt_user.Text & "" & !qd.SearchForward, 1
```

```
If Not RsUser.EOF Then
Call tampil
```

```
cmd_simpan.Enabled = False
cmd_edu.Enabled = True
cmd_hapus.Enabled = True
```

```
Call gak_bisa
Else
txt_password.Text = ""
```

```
cmd_edit.Enabled = False
```

```

cmd_Update.Enabled = False
cmd_hapus.Enabled = False

txt_password.Enabled = True
Combo_status.Enabled = True

Combo_status.Clear
Call status
End If
End Sub

Private Sub txt_user_KeyPress(KeyAscii As Integer)
KeyAscii = Asc(UCCase(Chr(KeyAscii)))

If KeyAscii = 13 Then
txt_userText = UCCase(txt_user.Text)
If txt_user.Text = "" Then
txt_user.SetFocus
Else
RsUser.Find "User_name=" + txt_userText + "", adSearchForward, 1
If Not RsUser.EOF Then
Call tampil
cmd_simpan.Enabled = False
cmd_edit.Enabled = True
cmd_hapus.Enabled = True
Call gak_bisa
Else
txt_password.SetFocus
txt_password.Enabled = True
txt_password.Text = ""
Combo_status.Enabled = True
cmd_simpan.Enabled = True
cmd_batal.Enabled = True
cmd_edit.Enabled = False
cmd_Update.Enabled = False
cmd_hapus.Enabled = False
End If
End If
End If

End Sub

Private Sub bersih()
txt_user.Text = ""
txt_password.Text = ""
Combo_status.Clear
End Sub

Private Sub format()
DataGrid1.Width = 5800

DataGrid1.Columns(0).Width = 1500
DataGrid1.Columns(1).Width = 2000
DataGrid1.Columns(2).Width = 2000
End Sub

```


Source code pada form Tampilan

```
Private Sub cmd_tutup_Click()  
Unload Me  
Set frmTampilan = Nothing  
End Sub
```

```
Private Sub cmdOK_Click()  
FormUtama.Image1.Picture = Image1.Picture  
End Sub
```

```
Private Sub Dir1_Change()  
File1.Path = Dir1.Path  
End Sub
```

```
Private Sub Drive1_Change()  
Dir1.Path = Drive1.Drive  
End Sub
```

```
Private Sub File1_Click()  
gbr = File1.Path & "/" & File1.FileName  
Image1.Picture = LoadPicture(gbr)  
Image1.Height = 3800  
Image1.Width = 4000  
frmTampilan.Caption = " + gbr + "  
End Sub
```

```
Private Sub Form_QueryUnload(Cancel As Integer, UnloadMode As Integer)  
Unload Me  
Set frmTampilan = Nothing  
End Sub
```

Source Code pada Form Transaksi

```
Private Sub cb_kode_buku_Click()  
If o_pinjam.Value = True Then  
RsBuku.Find "kode_buku=" & cb_kode_buku & "'", , adSearchForward, 1  
  
If Not RsBuku.EOF Then  
Ibl_judul.Caption = RsBuku.Judul  
Ibl_status.Caption = RsBuku.status  
  
DTPicker1.Enabled = True  
DTPicker1.SetFocus  
cmd_proses.Enabled = True  
End If
```

```
ElseIf o_kembali.Value = True Then  
RsBuku.Find "kode_buku=" & cb_kode_buku & "'", , adSearchForward, 1  
If Not RsBuku.EOF Then  
Ibl_judul.Caption = RsBuku.Judul  
Ibl_status.Caption = RsBuku.status
```

```
DTPicker1.Enabled = True
D1Picker1.SetFocus
cmd_proses.Enabled = True
End If
End If
```

```
End Sub
```

```
Private Sub cb_kode_buku_Change()
```

```
If o_pinjam.Value = True Then
If Len(cb_kode_buku) < 15 Then
Exit Sub
```

```
End If
```

```
RsBuku.Find "kode_buku=" & cb_kode_buku & "", , adSearchForward, 1
```

```
If Not RsBuku.EOF Then
```

```
lbl_judul.Caption = RsBuku.Judul
```

```
lbl_status.Caption = RsBuku.status
```

```
DTPicker1.Enabled = True
```

```
DTPicker1.SetFocus
```

```
cmd_proses.Enabled = True
```

```
Call cmd_proses_Click
```

```
Else
```

```
MsgBox "Buku dengan kode " & cb_kode_buku & " belum terdaftar", vbOKOnly +
vbInformation, "Kode Buku"
```

```
cb_kode_buku.SetFocus
```

```
cb_kode_buku.Text = ""
```

```
lbl_judul.Caption = ""
```

```
lbl_status.Caption = ""
```

```
DTPicker1.Enabled = False
```

```
cmd_proses.Enabled = False
```

```
End If
```

```
ElseIf o_kembali.Value = True Then
```

```
If Len(cb_kode_buku) < 15 Then
```

```
Exit Sub
```

```
End If
```

```
RsBuku.Find "kode_buku=" & cb_kode_buku & "", , adSearchForward, 1
```

```
If Not RsBuku.EOF Then
```

```
DTPicker1.Enabled = True
```

```
DTPicker1.SetFocus
```

```
lbl_judul.Caption = RsBuku.Judul
```

```
lbl_status.Caption = RsBuku.status
```

```
cmd_proses.Enabled = True
```

```
Else
```

```
MsgBox "Buku dengan kode " & cb_kode_buku & " belum terdaftar", vbOKOnly +
vbInformation, "KODE BUKU"
```

```
cb_kode_buku.SetFocus
```

```
cb_kode_buku.Text = ""
```

```
lbl_judul.Caption = ""
```

```
lbl_status.Caption = ""
```

```
DTPicker1.Enabled = False
```

```
cmd_proses.Enabled = False
```

```
End If
End If
End Sub
```

```
Private Sub cb_kode_buku_GotFocus()
```

```
If o_kembali.Value = True Then
RsPeminjam.Find "kode_Anggota=" + txt_no_anggota + "", adSearchForward, 1
If Not RsPeminjam.EOF Then
RsPeminjam.Filter = "kode_Anggota=" + txt_no_anggota + ""
cb_kode_buku.Clear
```

```
Do While Not RsPeminjam.EOF = True
cb_kode_buku.AddItem (RsPeminjam!kode_buku)
RsPeminjam.MoveNext
Loop
Else
Call bersih
```

```
Call tidak_siap_isi
End If
End If
```

```
End Sub
```

```
Private Sub cb_kode_buku_KeyPress(KeyAscii As Integer)
KeyAscii = Asc(UCase(Chr(KeyAscii)))
```

```
If o_pinjam.Value = True Then
If KeyAscii = 13 Then
RsBuku.Find "kode_buku=" & cb_kode_buku & "", adSearchForward, 1
If RsBuku.EOF Then
If cb_kode_buku = "" Then
MsgBox "Pilih dulu kode buku yang akan di[pinjam]", vbOKOnly + vbInformation,
"Kode Buku"
```

```
cb_kode_buku.SetFocus
cmd_proses.Enabled = False
Else
MsgBox "Buku dengan kode " & cb_kode_buku & " belum terdaftar", vbOKOnly +
vbInformation, "Kode Buku"
```

```
cb_kode_buku.SetFocus
cb_kode_buku.Text = ""
lbl_judul.Caption = ""
lbl_status.Caption = ""
DTPicker1.Enabled = False
cmd_proses.Enabled = False
End If
End If
```

```
ElseIf o_kembali.Value = True Then
If KeyAscii = 13 Then
RsBuku.Find "kode_buku=" & cb_kode_buku & "", adSearchForward, 1
If RsBuku.EOF Then
If cb_kode_buku = "" Then
MsgBox "Pilih dulu kode buku yang akan dikembalikan", vbOKOnly + vbInformation,
"Kode Buku"
cb_kode_buku.SetFocus
```

```

        cmd_proses.Enabled = False
    Else
        MsgBox "Buku dengan kode " & cb_kode_buku & " belum terdaftar", vbOKOnly +
vbInformation, "Kode Buku"
        cb_kode_buku.SetFocus
        'cb_kode_buku.Text
        lbl_judul.Caption = ""
        lbl_status.Caption = ""
        DTPicker1.Enabled = False
        cmd_proses.Enabled = False
    End If
End If
End If
End If
End Sub

```

```

Private Sub cmd_keluar_Click()
Unload Me
Set frmtransaksi = Nothing
End Sub

```

```

Private Sub cmd_proses_Click()
If o_pinjam.Value = True Then
If cb_kode_buku = "" Then
MsgBox "Pilih buku yang akan dipinjam", vbOKOnly + vbInformation, "Kode Buku"
cmd_proses.Enabled = False
cb_kode_buku.SetFocus
Else
If lbl_status = "ADA" Then
RsBuku.Find "kode_buku=" + cb_kode_buku + "", , adSearchForward, 1
If RsBuku.EOF Then
MsgBox "Kode buku tidak ditemukan", vbOKOnly + vbInformation, "Kode Buku"
cmd_proses.Enabled = False
cb_kode_buku.SetFocus
Else
With RsPeminjam

AddNew
!kode_peminjaman = Now
!kode_anggota = txt_no_anggota
!kode_buku = cb_kode_buku
!tgl_pinjam = DTPicker1.Value
!status = "KELUAR"
.update
End With

```

```

With RsCekPinjam

```

```

.AddNew
!kode_cek = Now
!kode_anggota = txt_no_anggota

```

```

!kode_buku = cb_kode_buku
!tgl_pinjam = DT.Picker1.Value
!status = "KELUAR"
update
End With

With RsBuku
.Clone
!status = "KELUAR"
.update
lbl_status = RsBuku!status
End With
cb_kode_buku.SetFocus
txt_no_anggota.Enabled = False
'DT.Picker1.Enabled = False
End If
RsPeminjam.Filter = "kode_Anggota=" + txt_no_anggota + ""
Set DataGrid1.DataSource = RsPeminjam
lbl_jumlah.Caption = RsPeminjam.RecordCount
Else
MsgBox "buku dengan kode " & cb_kode_buku & " telah dipinjam"
cb_kode_buku.SetFocus
cmd_proses.Enabled = False
End If
End If
Elseif o_kembali.Value = True Then
If cb_kode_buku = "" Then
MsgBox "Pilih buku yang akan dikembalikan", vbOKOnly + vbInformation, "Kode Buku"
cmd_proses.Enabled = False
cb_kode_buku.SetFocus
Else
RsPeminjam.Find "kode_buku=" + cb_kode_buku + "", adSearchForward, 1
If RsPeminjam.EOF Then
MsgBox "Kode buku tidak ditemukan", vbOKOnly + vbInformation, "Kode Buku"
cb_kode_buku.SetFocus
cmd_proses.Enabled = False
Else
RsPeminjam.Find "kode_Anggota=" + txt_no_anggota + "", adSearchForward, 1
If Not RsPeminjam.EOF Then
'RsAnggota.Find "Kode_Anggota=" + txt_no_anggota + "", adSearchForward, 1

'kerja = RsAnggota!pekerjaan
Call proses

RsCekPinjam.Find "status=" + lbl_status + "", adSearchForward, 1
If Not RsCekPinjam.EOF Then
If lbl_status = RsCekPinjam!status Then
With RsCekPinjam
.Clone
!status = "ADA"

```

```

        !tgl_kembali = DT.Picker1.Value
        !denda = denda
        .update
        End With
    End If
EndIf

With RsPeminjam
.Delete
.Move First
End With

Do While Not RsBuku.EOF = True
    cb_kode_buku.AddItem (RsBuku!kode_buku)
    RsBuku.MoveNext
Loop

RsBuku.Find "kode_buku=" + cb_kode_buku + "", adSearchForward, 1
If Not RsBuku.EOF Then
    With RsBuku
        .Clone
        !status = "ADA"
        .update
        End With
    EndIf
    cb_kode_buku.Clear
    cb_kode_buku.Enabled = True
    cb_kode_buku.SetFocus
    lbl_catatan.Caption = ""
EndIf
lbl_jumlah.Caption = RsPeminjam.RecordCount
EndIf
End If
End Sub

Private Sub cmd_tambah_Click()
Call bersih

Call tidak_siap_isi
cb_kode_buku.Clear
End Sub

Private Sub Form_Activate()
DTPicker1.Value = Date

Call cekbulan

Call bersih

Call tidak_siap_isi

lbl_catatan.Caption = ""

```

End Sub

```
Private Sub Form_Load()  
'Call BukaDatabase  
End Sub
```

```
Private Sub Form_QueryUnload(Cancel As Integer, UnloadMode As Integer)  
Unload Me  
Set frmtransaksi = Nothing  
End Sub
```

```
Private Sub Form_Unload(Cancel As Integer)  
Unload Me  
End Sub
```

```
Private Sub o_kembali_Click()  
If o_kembali.Value = True Then  
Call bersih
```

```
Call tidak_siap_isi
```

```
cb_kode_buku.Clear  
RsPeminjam.Filter = ""  
End If
```

End Sub

```
Private Sub o_pinjam_Click()  
If o_pinjam.Value = True Then  
Call bersih
```

```
Call tidak_siap_isi
```

```
cb_kode_buku.Clear
```

```
RsPeminjam.Filter = ""  
End If  
End Sub
```

```
Private Sub txt_no_anggota_KeyPress(KeyAscii As Integer)  
KeyAscii = Asc(UCase(Chr(KeyAscii)))
```

```
If o_pinjam.Value = True Then  
If KeyAscii = 13 Then
```

```
RsAnggota.Find "kode_anggota=" & txt_no_anggota & "", , adSearchForward, 1  
If Not RsAnggota.EOF Then
```

```
If RsAnggota!masa_berlaku < Date Then
```

```
lama = DateDiff("d", RsAnggota!masa_berlaku, Date)
```

```
MsgBox "Kartu anggota telah kadaluarsa !!! selama " & lama & " Hari"
```

```
txt_no_anggota.SetFocus
```

```
txt_no_anggota.Text = ""
```

```
Else
```

```
lbl_nama.Caption = ""
```

```
lbl_nama.Caption = RsAnggota!nama
```

```

ch_kode_buku.Enabled = True
ch_kode_buku.SetFocus
If c_b_kode_buku <> "" Then
    RsBuku.MoveFirst
    Do While Not RsBuku.EOF = True
        cb_kode_buku.AddItem (RsBuku!kode_buku)
        RsBuku.MoveNext
    Loop
Else
    RsBuku.MoveFirst
    Do While Not RsBuku.EOF = True
        cb_kode_buku.AddItem (RsBuku!kode_buku)
        RsBuku.MoveNext
    Loop
RsPeminjam.Filter = "kode_Anggota=" + txt_no_anggota + ""
Set DataGrid1.DataSource = RsPeminjam
lbl_jumlah.Caption = RsPeminjam.RecordCount
End If
End If
txt_no_anggota.Enabled = False
Else
    MsgBox "Nomor anggota belum terdaftar !!!", vbOKOnly + vbInformation, "No. Anggota."
    txt_no_anggota.SetFocus
    txt_no_anggota.Text = ""
    lbl_nama.Caption = ""
End If
End If
ElseIf o_kembali.Value = True Then
    If KeyAscii = 13 Then

        RsPeminjam.Find "kode_Anggota=" & txt_no_anggota & "", adSearchForward, 1
        If Not RsPeminjam.EOF Then

            'End If
            RsAnggota.Find "kode_Anggota=" & txt_no_anggota & "", adSearchForward, 1
            If Not RsAnggota.EOF Then
                kerja = RsAnggota!pekerjaan

                'Call proses
                lbl_nama.Caption = RsAnggota!nama

            End If
            'RsPeminjam.Filter = "kode_Anggota=" + txt_no_anggota + ""
            cb_kode_buku.Enabled = True
            cb_kode_buku.SetFocus

            RsPeminjam.MoveFirst
            Do While Not RsPeminjam.EOF = True
                cb_kode_buku.AddItem (RsPeminjam!kode_buku)
                RsPeminjam.MoveNext
            Loop
            Set DataGrid1.DataSource = RsPeminjam
            lbl_jumlah.Caption = RsPeminjam.RecordCount
            Call format

```



```

Else
    MsgBox "Nomor anggota tersebut belum meminjam", vbOKOnly + vbInformation,
    "no. anggota"
    txt_no_anggota.SetFocus
    txt_no_anggota.Text = ""
    lbl_nama.Caption = ""
End If
End If
End If
End Sub

```

```

Private Sub bersih()
    txt_no_anggota.Text = ""
    txt_no_anggota.Enabled = True
    txt_no_anggota.SetFocus
    cb_kode_buku.Clear
    lbl_nama.Caption = ""
    lbl_judul.Caption = ""
    lbl_status.Caption = ""
    lbl_jumlah.Caption = ""
End Sub

```

```

Private Sub tidak_siap_isi()
    DTPicker1.Enabled = False
    cb_kode_buku.Enabled = False
    cmd_proses.Enabled = False
End Sub

```

```

Private Sub cekbulan()
    Select Case Month(DTPicker1.Value)
    Case 1
        lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "Januari" & "-" & Year(DTPicker1.Value)
    Case 2
        lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "Februari" & "-" & Year(DTPicker1.Value)
    Case 3
        lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "Maret" & "-" & Year(DTPicker1.Value)
    Case 4
        lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "April" & "-" & Year(DTPicker1.Value)
    Case 5
        lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "Mei" & "-" & Year(DTPicker1.Value)
    Case 6
        lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "Juni" & "-" & Year(DTPicker1.Value)
    Case 7
        lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "Juli" & "-" & Year(DTPicker1.Value)
    Case 8
        lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "Agustus" & "-" & Year(DTPicker1.Value)
    Case 9
        lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "September" & "-" &
        Year(DTPicker1.Value)
    Case 10
        lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "Oktober" & "-" & Year(DTPicker1.Value)
    Case 11

```

```
lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "November" & "-" &  
Year(DTPicker1.Value)
```

```
Case 12
```

```
lbl_tgl_transaksi = Day(DTPicker1.Value) & "-" & "Desember" & "-" &  
Year(DTPicker1.Value)
```

```
End Select
```

```
End Sub
```

```
Private Sub proses()
```

```
'RsAnggota.Find "kode_anggota=" & txt_no_anggota & ""', adSearchForward, 1
```

```
If RsAnggota.pekerjaan = "DOSEN" Then
```

```
'Rsaturan.Find "aturan='lama sewa dosen'", adSearchForward, 1
```

```
"
```

```
' If (Day(DTPicker1.Value) - Day(RsPeminjam!tgl_pinjam)) > Val(Rsaturan!banyak) Then  
'Rsaturan!banyak Then
```

```
' lamasewa = (Day(DTPicker1.Value) - Day(RsPeminjam!tgl_pinjam)) -  
Val(Rsaturan!banyak)
```

```
' Rsaturan.Find "aturan='denda dosen'", adSearchForward, 1
```

```
' MsgBox "Pengembalian buku terlambat " & lamasewa & " Hari" & Chr(13) & "Denda ="  
& lamasewa * Rsaturan!banyak & " Rupiah"
```

```
' RsPeminjam.Filter = "kode_anggota=" + txt_no_anggota + ""
```

```
' End If
```

```
'End If
```

```
If kerja = "MAHASISWA" Then
```

```
Rsaturan.Find "aturan='lama sewa mahasiswa'", adSearchForward, 1
```

```
If (Day(DTPicker1.Value) - Day(RsPeminjam!tgl_pinjam)) > Val(Rsaturan!banyak)
```

```
Then
```

```
lamasewa = (Day(DTPicker1.Value) - Day(RsPeminjam!tgl_pinjam)) -  
Val(Rsaturan!banyak)
```

```
Rsaturan.Find "aturan='denda mahasiswa'", adSearchForward, 1
```

```
denda = lamasewa * Rsaturan!banyak
```

```
MsgBox "Pengembalian buku terlambat " & lamasewa & " Hari" & Chr(13) &  
"Denda =" & denda & " Rupiah"
```

```
lbl_catatan.Caption = "Pengembalian buku terlambat " & lamasewa & " Hari" &  
Chr(13) & "Denda =" & lamasewa * Rsaturan!banyak & " Rupiah"
```

```
RsPeminjam.Filter = "kode_Anggota=" + txt_no_anggota + ""
```

```
End If
```

```
End If
```

```
If kerja = "DOSEN" Then
```

```
Rsaturan.Find "aturan='lama sewa dosen'", adSearchForward, 1
```

```
If (Day(DTPicker1.Value) - Day(RsPeminjam!tgl_pinjam)) > Val(Rsaturan!banyak)
```

```
Then
```

```
lamasewa = (Day(DTPicker1.Value) - Day(RsPeminjam!tgl_pinjam)) -  
Val(Rsaturan!banyak)
```

```
Rsaturan.Find "aturan='denda dosen'", adSearchForward, 1
```

```
denda = lamasewa * Rsaturan!banyak
```

```
MsgBox "Pengembalian buku terlambat " & lamasewa & " Hari" & Chr(13) &  
"Denda =" & denda & " Rupiah"
```

```
lbl_catatan.Caption = "Pengembalian buku terlambat " & lamasewa & " Hari" &  
Chr(13) & "Denda =" & lamasewa * Rsaturan!banyak & " Rupiah"
```

```
RsPeminjam.Filter = "kode_Anggota=" + txt_no_anggota + ""
```

```
End If
```

RIWAYATHIDUP

Data Pribadi

Nama : Andi Faizal Helmy Dwi Putra
Tempat, Tanggal lahir : Bekasi, 24 Juni 1985
Jenis Kelamin : Laki- laki
Agama : Islam
Kewarganegaraan : Indonesia
Alamat Rumah : Jln.P.Saparua Raya No.205 RT/RW 07/08 Perum.3
Telepon : 081319779880
Web Site : <http://www.andifaizal.co.cc>
e-mail : andifaizal@gmail.com

Pendidikan Formal

2002 – 2006 : Teknik Informatika Universitas Darma Persada
1999–2002 : SMUN 9 Bekasi
1996 – 1999 : SLTPN 2 Tambun-Bekasi
1990 -1996 : SDN Bakti Sari Tambun-Bekasi

Pengalaman Kerja

September 2003 – Juli 2006

Asisten Dosen Fakultas Teknik Universitas Darma Persada