

Pertemuan 19 & 20

Database (Lanjutan)

1. Buka project **pro_penggajian**.
2. Buka database **db_penggajian**.
3. Buat tabel dengan nama **tb_jabatan**.

Struktur Tabel :

Name	Type	Size	Keterangan
kdjabatan	text	5	Primary Key
jabatan	text	25	
gapok	double	8	
tunjangan	double	8	
gaber	double	8	

4. Buat Form untuk menginput Data Jabatan.

Rancangan Form :

The screenshot shows a Windows application window titled "Data Jabatan". At the top, it displays the company logo "PT SUNSHINE SUCCESS". Below the logo is a section titled "[Data Jabatan]" containing five input fields: "Kode Jabatan", "Jabatan", "Gaji Pokok", "Tunjangan Jabatan 20%", and "Gaji Bersih". Underneath these fields are buttons for "Tambah", "Simpan", "Hapus", "Edit", and "Batal". Below these buttons are two more buttons: "Cari" and "Keluar". At the bottom of the form is a DataGrid table with the following structure:

Data Jabatan		
Kode Jabatan	Nama Jabatan	Gaji Pokok
▶		

At the very bottom of the form is a status bar with the text "Data Jabatan" and navigation buttons. Arrows from the labels "DataGrid" and "Adodec" point to the DataGrid table and the status bar respectively.

Catatan :

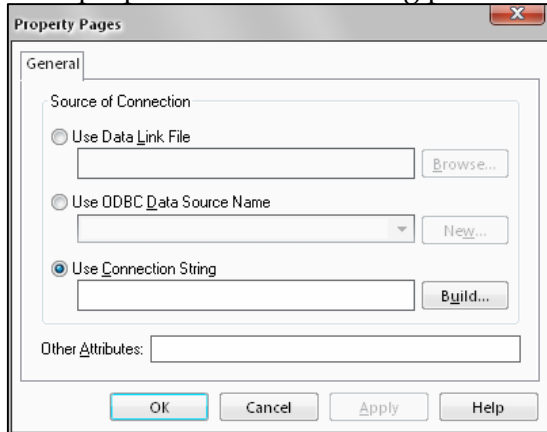
- Menampilkan komponen DataGrid
 - Klik menu Project atau Klik Kanan pada Toolbox
 - Klik menu Component (Ctrl + T)
 - Check list (Microsoft Data Grid Control 6.0 (OLEDB))
 - Klik Apply, Klik Close
- Menampilkan Adodec
 - Klik menu Project atau Klik Kanan pada Toolbox
 - Klik menu Component (Ctrl + T)
 - Check list (Microsoft ADO Data Control 6.0 (OLEDB))
 - Klik Apply, Klik Close

Setting Properties :

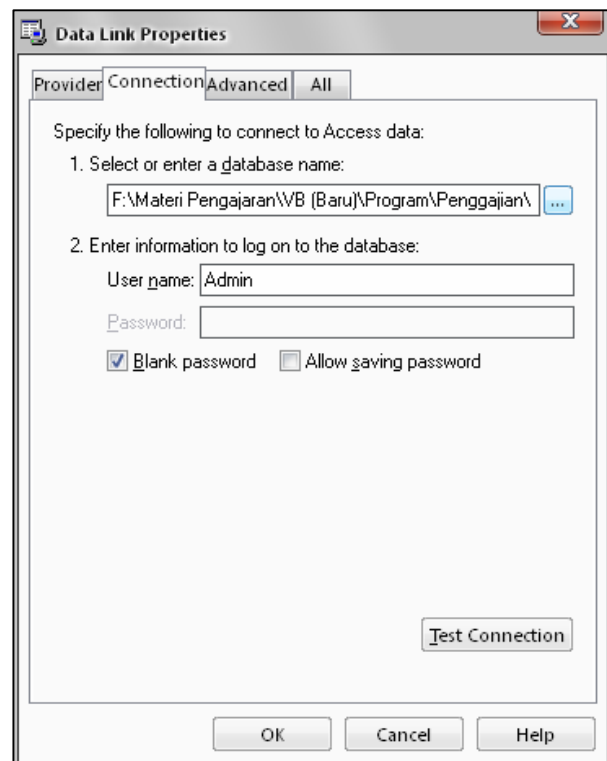
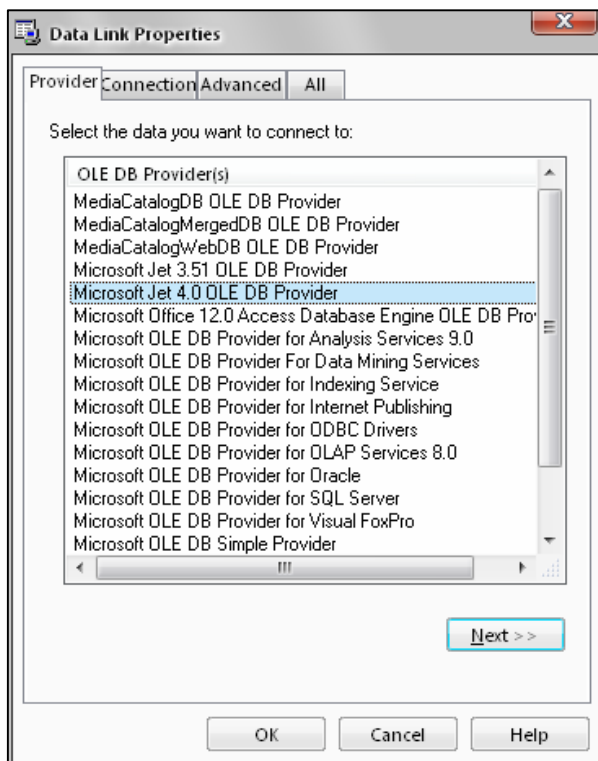
Object	Properties	Value
Adodc1	Name	adoJabatan
DataGrid1	Data Source	adoJabatan

Koneksi Adodc :

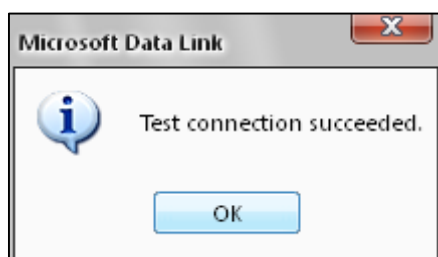
- Pilih propertiConnectionString pada Adodc.

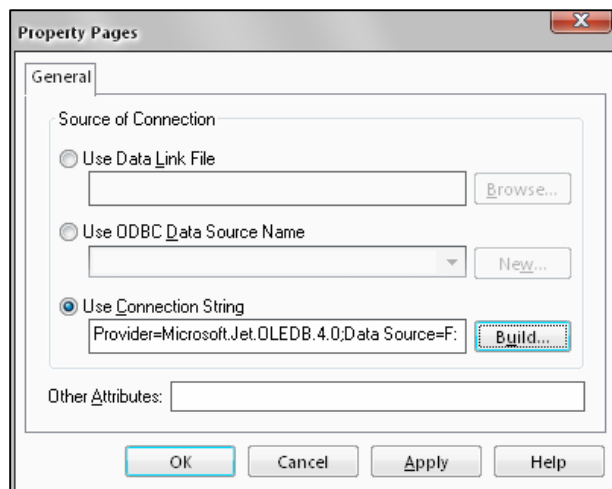


- Klik Build → Pilih OLE DB Provider : Microsoft Jet 4.0 OLE DB Provider → Klik Next.

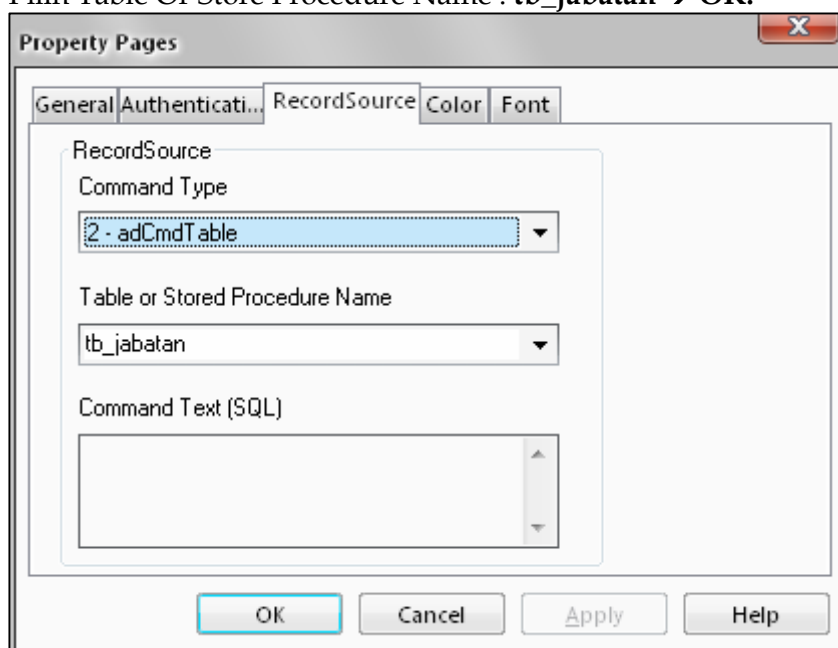


- Pilih Database db_penggajian → Klik Test Connection → OK





- Klik Apply → Pilih Tab Record Source → Pilih Command Type menjadi : **2-adCmdTable** → Pilih Table Or Store Procedure Name : **tb_jabatan** → OK.



Script Program :

```
Dim isi As Boolean
```

```
-----
Sub aktif()
For Each x In Me
If TypeName(x) = "TextBox" Then
    x.Enabled = True
End If
Next
End Sub
```

```
-----
Sub nonaktif()
For Each x In Me
If TypeName(x) = "TextBox" Then
    x.Enabled = False
End If
Next
End Sub
```

```

Sub kosong()
For Each x In Me
If TypeName(x) = "TextBox" Then
    x.Text = ""
End If
Next
End Sub

-----

Sub tampil()
txtkdjab.Text = adoJabatan.Recordset!kdjabatan
txtJabatan.Text = adoJabatan.Recordset!jabatan
txtGapok.Text = adoJabatan.Recordset!gapok
txtTunjangan.Text = adoJabatan.Recordset!tunjangan
txtGaber.Text = adoJabatan.Recordset!gaber
End Sub

-----

Sub simpan()
adoJabatan.Recordset!kdjabatan = txtkdjab.Text
adoJabatan.Recordset!jabatan = txtJabatan.Text
adoJabatan.Recordset!gapok = txtGapok.Text
adoJabatan.Recordset!tunjangan = txtTunjangan.Text
adoJabatan.Recordset!gaber = txtGaber.Text
End Sub

-----

Private Sub Form_Activate()
If adoJabatan.Recordset.RecordCount > 0 Then
    tampil
Else
    MsgBox "Tabel Jabatan Kosong...!!!", vbOKCancel + vbInformation, "Info"
End If
nonaktif
cmdtambah.SetFocus
End Sub

-----

Private Sub cmdtambah_Click()
isi = True
aktif
kosong
txtkdjab.SetFocus
End Sub

-----

Private Sub txtGapok_Change()
txtTunjangan.Text = 20 / 100 * Val(txtGapok.Text)
txtGaber.Text = Val(txtGapok.Text) + Val(txtTunjangan.Text)
End Sub

-----

Private Sub cmdsimpan_Click()
If isi = True Then
    adoJabatan.Recordset.AddNew
    simpan
Else
    simpan
End If
adoJabatan.Recordset.Update
MsgBox "Data Jabatan Sudah Tersimpan...!!!", vbOKOnly + vbInformation, "Info"
adoJabatan.Refresh
nonaktif
cmdtambah.SetFocus
End Sub

```

```

Private Sub cmdhapus_Click()
x = MsgBox("Yakin Data Jabatan Dengan Kode " & txtJabatan.Text & " Mau
Dihapus...?", vbYesNo + vbQuestion, "Konfirmasi")
If x = vbYes Then
    adoJabatan.Recordset.Delete
    If adoJabatan.Recordset.RecordCount = 0 Then
        MsgBox "Tabel Jabatan Kosong...!!!", vbOKOnly + vbInformation, "Info"
        kosong
    Else
        adoJabatan.Recordset.MoveNext
        If adoJabatan.Recordset.EOF Then
            adoJabatan.Recordset.MoveFirst
            tampil
        End If
        tampil
    End If
End If
End Sub
-----

Private Sub cmdedit_Click()
isi = False
aktif
End Sub
-----

Private Sub cmdbatal_Click()
kosong
txtkdjab.SetFocus
End Sub
-----

Private Sub cmdcari_Click()
cari = InputBox("Masukkan Kode Jabatan", "Pencarian Data Jabatan")
adoJabatan.Recordset.MoveFirst
adoJabatan.Recordset.Find "kdjabatan='" & cari & "'"
If Not adoJabatan.Recordset.EOF Then
    tampil
End If
End Sub
-----

Private Sub cmdkeluar_Click()
keluar
End Sub

```