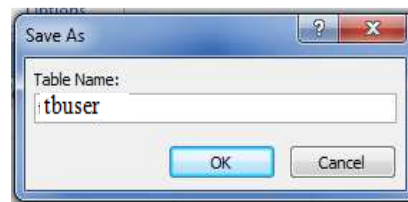


## BAB V

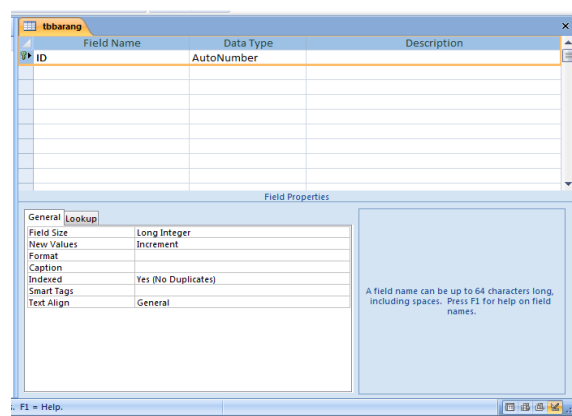
### PEMBUATAN TABEL USER DAN FORM DATA USER

- Buka database access yang telah dibuat, kemudian klik lagi **Create**.
- Selanjutnya pada toolbar editor **View**, buat nama table dengan nama **tbuser**. Seperti pada Gambar dibawah.



Gambar 7.3 Nama Tabel

- kemudian klik **Ok**, lalu tampil layar editor seperti gambar dibawah.



Gambar 7.4 Editor Tabel

- Isilah nama field berserta tipe data dari field pada editor tabel.
- Kemudian buatlah table-table untuk database **Koperasi**. Sebagai contoh, **tbuser** yang berfungsi untuk menampung data user. Untuk nama field dan tipe data dari table **tbuser** adalah sebagai berikut :

Nama Field	Tipe Data	Ukuran
IDuser	Text	15
passworduser	Text	15
bagian	Text	15

- f. Tampilan field-field table **tbuser** seperti yang terlihat pada Gambar dibawah.

Field Name	Data Type	Description
iduser	Text	
passworduser	Text	
bagian	Text	

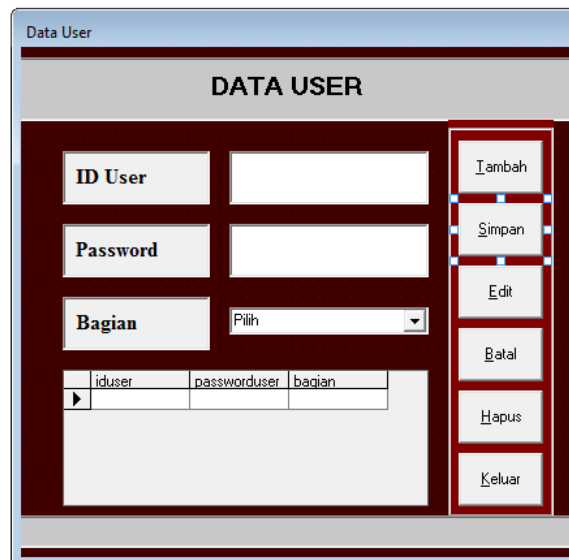
Field Properties	
General	
Field Size	10
Format	
Input Mask	
Caption	
Default Value	
Validation Rule	
Validation Text	
Required	No
Allow Zero Length	Yes
Indexed	Yes (No Duplicates)
Unicode Compression	Yes
IME Mode	No Control
IME Sentence Mode	None
Smart Tags	

*Gambar 7.5 Field-fieldTabel tbbarang*

- g. Kemudian buatlah **Primary Key**, klik **IDuser** lalu mengklik icon kunci yang terdapat pada toolbar. Kemudian save lalu close

## PEMBUATAN FORM USER

1. Tampilan dari form Data User seperti yang terlihat pada Gambar 3.7



*Gambar 8.3 Tampilan Form Data User*

2. Sedangkan untuk kode programnya sebagai berikut :

```
Imports System.Data.OleDb

Public Class User
    Dim conn As OleDbConnection
    Dim da As OleDbDataAdapter
    Dim ds As DataSet
    Dim cmd As OleDbCommand
    Dim rd As OleDbDataReader
    Dim str As String
    Sub Koneksi()
        str = "Provider=Microsoft.Jet.OLEDB.4.0;Data Source=D:\VB.NET MODUL 2019-1\DBPersediaan.mdb"
        conn = New OleDbConnection(str)
        If conn.State = ConnectionState.Closed Then conn.Open()
    End Sub

    Sub Tampilgrid()
        da = New OleDbDataAdapter("select * from tbuser", conn)
        ds = New DataSet
        da.Fill(ds, "tbuser")
        DGV.DataSource = ds.Tables("tbuser")
    End Sub

    Sub Tampildata()
        TextBox2.Text = rd.Item(1)
        ComboBox1.Text = rd.Item(2)
    End Sub
End Class
```

```

End Sub
Sub TextMati()
    Me.TextBox1.Enabled = False
    Me.TextBox2.Enabled = False
    Me.ComboBox1.Enabled = False

End Sub
Sub TextHidup()
    Me.TextBox1.Enabled = True
    Me.TextBox2.Enabled = True
    Me.ComboBox1.Enabled = True

End Sub
Sub KOSONGKAN()
    TextBox1.Clear()
    TextBox2.Clear()
End Sub

Private Sub BtnKeluar_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnKeluar.Click
    Menuutama.Show()
    Me.Hide()
End Sub

Private Sub User_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    MsgBox(Now)
    Call Koneksi()
    Call Tampilgrid()
    Call TextMati()
    Me.BtnTambah.Enabled = True
    Me.BtnSimpan.Enabled = False
    Me.BtnEdit.Enabled = False
    Me.BtnUpdate.Enabled = False
    Me.BtnBatal.Enabled = False
    Me.BtnHapus.Enabled = False
    Me.BtnKeluar.Enabled = True
End Sub

Private Sub BtnTambah_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnTambah.Click
    Call KOSONGKAN()
    Call TextHidup()
    Me.TextBox1.Focus()
    Me.BtnTambah.Enabled = False
    Me.BtnSimpan.Enabled = True
    Me.BtnEdit.Enabled = False
    Me.BtnUpdate.Enabled = False
    Me.BtnBatal.Enabled = False
    Me.BtnHapus.Enabled = False
    Me.BtnKeluar.Enabled = True
End Sub

Private Sub BtnSimpan_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnSimpan.Click

```

```

        If TextBox1.Text = "" Or TextBox2.Text = "" Or ComboBox1.Text = ""
Then
    MsgBox("Data belum lengkap, Pastikan Semua form terisi")
    Exit Sub
Else
    Call Koneksi()
Dim simpan As String = "insert into tbuser username,passworduser,bagian)" & _
" values ('" & TextBox1.Text & "','" & TextBox2.Text & "','" & ComboBox1.Text & "')"
    cmd = New OleDbCommand(simpan, conn)
    cmd.ExecuteNonQuery()
    MsgBox("Data berhasil di Simpan", MsgBoxStyle.Information, "Information")
    Me.OleDbConnection1.Close()
    Call Tampilgrid()
    DGV.Refresh()
    Call Koneksi()
    Call KOSONGKAN()
    Me.BtnTambah.Enabled = True
    Me.BtnSimpan.Enabled = False
    Me.BtnEdit.Enabled = False
    Me.BtnUpdate.Enabled = False
    Me.BtnBatal.Enabled = False
    Me.BtnHapus.Enabled = False
    Me.BtnKeluar.Enabled = True
End If
End Sub

Private Sub BtnEdit_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnEdit.Click
    Call TextHidup()
    TextBox1.Enabled = False
    Me.BtnTambah.Enabled = False
    Me.BtnSimpan.Enabled = False
    Me.BtnEdit.Enabled = False
    Me.BtnUpdate.Enabled = True
    Me.BtnBatal.Enabled = True
    Me.BtnHapus.Enabled = True
    Me.BtnKeluar.Enabled = True
End Sub

Private Sub BtnBatal_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnBatal.Click
    Call KOSONGKAN()
    Call TextMati()
    Me.BtnTambah.Enabled = True
    Me.BtnSimpan.Enabled = False
    Me.BtnEdit.Enabled = False
    Me.BtnUpdate.Enabled = False
    Me.BtnBatal.Enabled = False
    Me.BtnHapus.Enabled = False
    Me.BtnKeluar.Enabled = True
End Sub

Private Sub TextBox1_LostFocus(ByVal sender As Object, ByVal e As
System.EventArgs) Handles TextBox1.LostFocus
    str = "SELECT * FROM tbuser Where username = '" & TextBox1.Text & "'"
    cmd = New OleDbCommand(str, conn)

```

```

rd = cmd.ExecuteReader
Try
    While rd.Read
        TextBox2.Text = rd.GetString(1)
        ComboBox1.Text = rd.GetString(2)

        TextMati()
        Me.BtnTambah.Enabled = False
        Me.BtnSimpan.Enabled = False
        Me.BtnEdit.Enabled = True
        Me.BtnUpdate.Enabled = False
        Me.BtnBatal.Enabled = False
        Me.BtnHapus.Enabled = False
        Me.BtnKeluar.Enabled = True
    End While
Finally
    rd.Close()
End Try
End Sub

Private Sub BtnUpdate_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnUpdate.Click
    Dim Sql As String
    If MsgBox("Do You Want save again ?", MsgBoxStyle.YesNo, "Message") = vbYes
Then
        Sql = "update tbuser set passworduser='" & TextBox2.Text & "',bagian='" &
        ComboBox1.Text & "' where username='" & TextBox1.Text & "'"
        cmd = New OleDbCommand(Sql, conn)
        cmd.ExecuteNonQuery()
        DGV.Refresh()
        Me.OleDbConnection1.Close()
        Call TextMati()
        Call KOSONGKAN()
        Me.BtnTambah.Enabled = True
        Me.BtnSimpan.Enabled = False
        Me.BtnEdit.Enabled = False
        Me.BtnUpdate.Enabled = False
        Me.BtnBatal.Enabled = False
        Me.BtnHapus.Enabled = False
        Me.BtnKeluar.Enabled = True
        DGV.Refresh()
        Call Tampilgrid()
    End If
End Sub

Private Sub BtnHapus_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles BtnHapus.Click
    If TextBox1.Text = "" Then
        MsgBox("Kode belum diisi")
        TextBox1.Focus()
        Exit Sub
    Else
        If MessageBox.Show("Yakin akan dihapus..?", "", MessageBoxButtons.YesNo) =
Windows.Forms.DialogResult.Yes Then
            Dim hapus As String = "Delete * from tbuser where username='" & TextBox1.Text & "'"
            cmd = New OleDbCommand(hapus, conn)

```

```
cmd.ExecuteNonQuery()  
Call Tampilgrid()  
Call KOSONGKAN()  
Me.BtnTambah.Enabled = True  
Me.BtnSimpan.Enabled = False  
Me.BtnEdit.Enabled = False  
Me.BtnUpdate.Enabled = False  
Me.BtnBatal.Enabled = False  
Me.BtnHapus.Enabled = False  
Me.BtnKeluar.Enabled = True  
  
Else  
    Call TextMati()  
End If  
End Sub  
End Class
```

*Created By Mustar Aman, M. Kom.  
STMIK Insan Pembangunan,,2020*