

CRUD Menggunakan Radio Button Dan Checkbox VB.Net

Sebagai langkah awal tentang bagaimana membuat pengolahan database yang di dalamnya menggunakan Radio Button dan CheckBox, maka buatlah form dengan bentuk seperti gambar berikut ini.

	NIP	Nama	Alamat	Gender	Status	Hobi
▶	11111	UUS RUSMAWAN	BEKASI	Pria	BELUM M...	Olah Rag...
	22222	TURISNAWATI	JAKARTA	Wanita	MENIKAH	Olah Raga
*						

Coding :

```
Imports System.Data.OleDb
```

```
Public Class Form1
```

```
'mendefinisikan gender dan hobi yang akan menjadi pilihan
```

```
Dim gender As String
```

```
Dim hobi As String
```

```
Sub Kosongkan()
```

```
    TextBox1.Clear()
```

```
    TextBox2.Clear()
```

```
    TextBox3.Clear()
```

```
    TextBox4.Clear()
```

```
    RadioButton1.Checked = False
```

```
    RadioButton2.Checked = False
```

```
    ComboBox1.Text = ""
```

```
    CheckBox1.Checked = False
```

```
    CheckBox2.Checked = False
```

```
    TextBox1.Focus()
```

```
End Sub
```

```
Sub DataBaru()
```

```
TextBox2.Clear()
TextBox3.Clear()
TextBox4.Clear()
RadioButton1.Checked = False
RadioButton2.Checked = False
ComboBox1.Text = ""
CheckBox1.Checked = False
CheckBox2.Checked = False
TextBox2.Focus()
End Sub

Sub KETEMU()
On Error Resume Next
CheckBox1.Checked = False
CheckBox2.Checked = False
TextBox2.Text = DR.Item("Nama")
TextBox3.Text = DR.Item("Alamat")
ComboBox1.Text = DR.Item("sTATUS")
'jika gender = Pria maka radiobutton1 di pilih (centang)
If DR.Item("gender") = "Pria" Then
    RadioButton1.Checked = True
Else
    RadioButton2.Checked = True
End If

'jika hobi = Olah Raga maka checkbox1 dipilih (centang)
If DR.Item("hobi") = "Olah Raga" Then
    CheckBox1.Checked = True
ElseIf DR.Item("hobi") = "Seni" Then
    CheckBox2.Checked = True
ElseIf DR.Item("hobi") = "Olah Raga - Seni" Then
    CheckBox1.Checked = True
    CheckBox2.Checked = True
End If
End Sub

Sub Tampilgrid()
DA = New OleDbDataAdapter("select * from Pegawai", CONN)
DS = New DataSet
DA.Fill(DS)
DGV.DataSource = DS.Tables(0)
DGV.ReadOnly = True
End Sub

Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
    Call Koneksi()
    Call Tampilgrid()
End Sub

Private Sub TextBox1_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles TextBox1.KeyPress
    TextBox1.MaxLength = 5
    If e.KeyChar = Chr(13) Then
        CMD = New OleDbCommand("select * from Pegawai where
NIP='" & TextBox1.Text & "'", CONN)
```

```
DR = CMD.ExecuteReader
DR.Read()
If DR.HasRows Then
    Call KETEMU()
    TextBox2.Focus()
Else
    Call DataBaru()
End If
End If
End Sub

Private Sub TextBox2_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles TextBox2.KeyPress
    TextBox2.MaxLength = 30
    If e.KeyChar = Chr(13) Then
        TextBox3.Focus()
    End If
End Sub

Private Sub TextBox3_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles TextBox3.KeyPress
    TextBox3.MaxLength = 30
    If e.KeyChar = Chr(13) Then
        TextBox4.Focus()
    End If
End Sub

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Button1.Click
    If TextBox1.Text = "" Or TextBox2.Text = "" Or TextBox3.Text
= "" Or ComboBox1.Text = "" Then
        MsgBox("data belum lengkap")
        Exit Sub
    Else
        'jika radiobutton1 dipilih maka ambil properti text-nya
        If RadioButton1.Checked = True Then
            gender = RadioButton1.Text
        ElseIf RadioButton2.Checked = True Then
            gender = RadioButton2.Text
        End If

        'jika checkbox1 dipilih maka ambil properti text-nya
        If CheckBox1.Checked = True Then
            hobi = CheckBox1.Text
        End If

        If CheckBox2.Checked = True Then
            hobi = CheckBox2.Text
        End If

        'jika checkbox1 dan 2 dipilih maka ambil dan gabungkan
        properti text-nya
        If CheckBox1.Checked = True And CheckBox2.Checked = True
Then
            hobi = CheckBox1.Text & " - " & CheckBox2.Text
        End If
    End If
End Sub
```

```
End If

    CMD = New OleDbCommand("select * from Pegawai where
NIP='" & TextBox1.Text & "'", CONN)
    DR = CMD.ExecuteReader
    DR.Read()
    If Not DR.HasRows Then
        Dim simpan As String = "insert into Pegawai values('"
& TextBox1.Text & "','" & TextBox2.Text & "','" & TextBox3.Text &
"', '" & gender & "','" & ComboBox1.Text & "','" & hobi & "')"
        CMD = New OleDbCommand(simpan, CONN)
        CMD.ExecuteNonQuery()
    Else
        Dim edit As String = "update Pegawai set Nama='" &
TextBox2.Text & "','Alamat='" & TextBox3.Text & "','gender='" & gender
& "','status='" & ComboBox1.Text & "','hobi='" & hobi & "' where NIP='"
& TextBox1.Text & "'"
        CMD = New OleDbCommand(edit, CONN)
        CMD.ExecuteNonQuery()
    End If
    Call Kosongkan()
    Call Tampilgrid()
End If
End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Button2.Click
    If TextBox1.Text = "" Then
        MsgBox("NIP harus diisi dulu")
        TextBox1.Focus()
    Exit Sub
    Else
        If MessageBox.Show("hapus data ini...?", "",
MessageBoxButtons.YesNo) = Windows.Forms.DialogResult.Yes Then
            Dim hapus As String = "delete from Pegawai where
NIP='" & TextBox1.Text & "'"
            CMD = New OleDbCommand(hapus, CONN)
            CMD.ExecuteNonQuery()
            Call Kosongkan()
            Call Tampilgrid()
        Else
            Call Kosongkan()
        End If
    End If
End Sub

Private Sub Button3_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Button3.Click
    Call Kosongkan()
End Sub

Private Sub Button4_Click(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles Button4.Click
    Me.Close()
End Sub
```

```
Private Sub TextBox4_TextChanged(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles TextBox4.TextChanged  
    DA = New OleDbDataAdapter("select * from Pegawai where Nama  
like '%" & TextBox4.Text & "%'", CONN)  
    DS = New DataSet  
    DA.Fill(DS)  
    DGV.DataSource = DS.Tables(0)  
End Sub  
  
Private Sub DGV_CellMouseClick(ByVal sender As Object, ByVal e As  
System.Windows.Forms.DataGridViewCellMouseEventArgs) Handles  
DGV.CellMouseClick  
    On Error Resume Next  
    TextBox1.Text = DGV.Rows(e.RowIndex).Cells(0).Value  
    CMD = New OleDbCommand("select * from Pegawai where NIP='" &  
TextBox1.Text & "'", CONN)  
    DR = CMD.ExecuteReader  
    DR.Read()  
    If DR.HasRows Then  
        Call KETEMU()  
    End If  
End Sub  
  
End Class
```