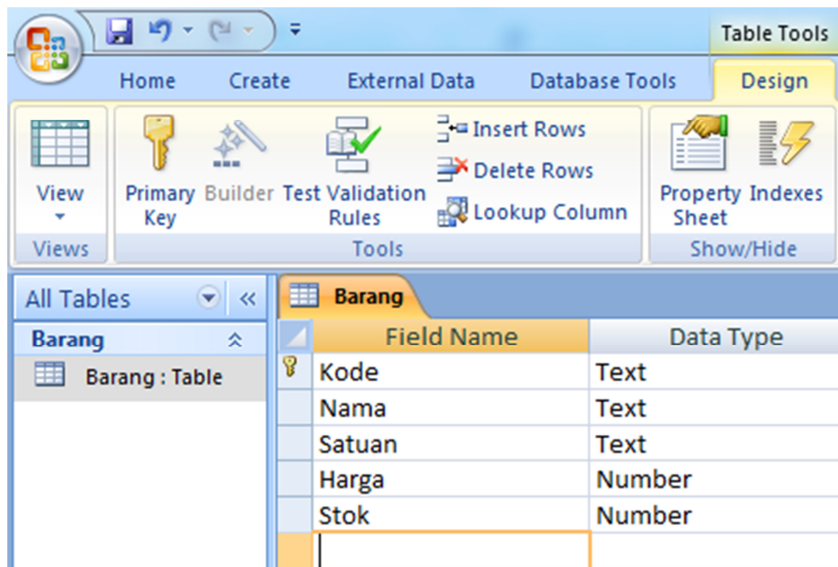


Cara Membuat CRUD Dengan VB.Net

1. Membuat Project dan Menyimpan Project
2. Membuat Database - Simpan Di Folder Debug Project
3. Membuat Tabel - Barang



4. Membuat Form Master (Sesuaikan Dengan Tabel)

Kode	Nama	Satuan	Harga	Stok

Proses

Simpan Edit Hapus Batal Tutup

Cari Data

5. Membuat Module Untuk Koneksi Database

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

```
Module Module1
```

```
Public conn As OleDbConnection
```

```
Public da As OleDbDataAdapter
```

```
Public ds As DataSet
```

```
Public cmd As OleDbCommand
```

```
Public dr As OleDbDataReader
```

```
Public Sub koneksi()
```

```
conn = New
```

```
OleDbConnection("provider=microsoft.ace.oledb.12.0;data  
source=dbmaster.accdb")
```

```
conn.Open()
```

```
End Sub
```

```
End Module
```

6. Membuat Sub Kosongkan

```
Imports System.Data.OleDb

Public Class Form1

    Sub kosongkan()
        TextBox1.Clear()
        TextBox2.Clear()
        ComboBox1.Text = ""
        TextBox3.Clear()
        TextBox4.Clear()
        TextBox5.Clear()
        TextBox1.Focus()
    End Sub
```

7. Membuat Sub DataBaru

```
Sub databaru()
    TextBox2.Clear()
    ComboBox1.Text = ""
    TextBox3.Clear()
    TextBox4.Clear()
    TextBox5.Clear()
    TextBox2.Focus()
End Sub
```

8. Membuat Sub Ketemu

```
Sub ketemu()
    On Error Resume Next
    TextBox2.Text = dr(1) '=nama
    ComboBox1.Text = dr(2) '=satuab
    TextBox3.Text = dr(3) '=harga
    TextBox4.Text = dr(4) '=stok
    TextBox2.Focus()
End Sub
```

9. Membuat Sub TampilSatuan

```
Sub tampilsatunya()
```

```
        cmd = New OleDbCommand("select distinct satuan from
barang", conn)
        dr = cmd.ExecuteReader
        ComboBox1.Items.Clear()
        Do While dr.Read
            ComboBox1.Items.Add(dr(0))
        Loop
    End Sub
```

10. Membuat Sub Carikode

```
Sub carikode()
    cmd = New OleDbCommand("select * from barang where
kode='" & TextBox1.Text & "'", conn)
    dr = cmd.ExecuteReader
    dr.Read()
End Sub
```

11. Membuat Sub Tampilgrid

```
Sub tampilgrid()
    da = New OleDbDataAdapter("select * from barang",
conn)
    ds = New DataSet
    da.Fill(ds)
    DGV.DataSource = ds.Tables(0)
    DGV.ReadOnly = True
End Sub
```

12. coding saat form_load

```
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles MyBase.Load
    Me.CenterToScreen()
    Call koneksi()
    Call tampilgrid()
    Call tampilsatuan()
    Call kosongkan()
End Sub
```

13. Melakukan Pencarian Berdasarkan Kode

```
Private Sub TextBox1_KeyDown(ByVal sender As Object, ByVal e
As System.Windows.Forms.KeyEventArgs) Handles TextBox1.KeyDown
    If e.KeyCode = Keys.Enter Then
        Call carikode()
        If dr.HasRows Then
            Call ketemu()
        Else
            Call databaru()
        End If
    End If
End Sub
```

14. Menyimpan Data

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles Button1.Click
    If TextBox1.Text = "" Or TextBox2.Text = "" Or
ComboBox1.Text = "" Or TextBox3.Text = "" Or TextBox4.Text =
"" Then
        MsgBox("data belum lengkap")
        Exit Sub
    Else
        Call carikode()
        If Not dr.HasRows Then
            Dim simpan As String = "insert into barang
values ('" & TextBox1.Text & "', '" & TextBox2.Text & "', '" &
ComboBox1.Text & "', '" & TextBox3.Text & "', '" & TextBox4.Text
& "')"
            cmd = New OleDbCommand(simpan, conn)
            cmd.ExecuteNonQuery()
            Call kosongkan()
            Call tampilgrid()
            Call tampilsatuan()
        End If
    End If
End Sub
```

15. Mengedit Data

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles Button2.Click
```

```
        If TextBox1.Text = "" Or TextBox2.Text = "" Or
ComboBox1.Text = "" Or TextBox3.Text = "" Or TextBox4.Text =
"" Then
            MsgBox("data belum lengkap")
            Exit Sub
        Else
            Call carikode()
            If dr.HasRows Then
                Dim EDIT As String = "UPDATE barang SET
NAMA='" & TextBox2.Text & "',SATUAN='" & ComboBox1.Text &
"',harga='" & TextBox3.Text & "',stok='" & TextBox4.Text & "'
where kode='" & TextBox1.Text & "'"
                cmd = New OleDbCommand(EDIT, conn)
                cmd.ExecuteNonQuery()
                Call kosongkan()
                Call tampilgrid()
                Call tampilsatuan()
            End If
        End If
    End Sub
```

16. Menghapus Data

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

```
    If TextBox1.Text = "" Then
        MsgBox("Kode harus diisi")
        TextBox1.Focus()
        Exit Sub
    End If

    Call carikode()
    If Not dr.HasRows Then
        MsgBox("Kode tidak ditemukan ")
        TextBox1.Focus()
        Exit Sub
    End If

    If MessageBox.Show("yakin akan dihapus...?", "",
MessageBoxButtons.YesNo) = Windows.Forms.DialogResult.Yes Then
        Dim hapus As String = "delete from barang where
kode='" & TextBox1.Text & "'"
        cmd = New OleDbCommand(hapus, conn)
        cmd.ExecuteNonQuery()
    End If
End Sub
```

```
        Call kosongkan()  
        Call tampilgrid()  
        Call tampilsatuan()  
    Else  
        Call kosongkan()  
    End If  
End Sub
```

17. Mencari Data Berdasarkan Nama

```
Private Sub TextBox5_TextChanged(ByVal sender As  
System.Object, ByVal e As System.EventArgs) Handles  
TextBox5.TextChanged  
    da = New OleDbDataAdapter("select * from barang where  
nama like '%" & TextBox5.Text & "%'", conn)  
    ds = New DataSet  
    da.Fill(ds)  
    DGV.DataSource = ds.Tables(0)  
    DGV.ReadOnly = True  
End Sub
```

18. menampilkan data ke masing2 objek saat grid diklik

```
Private Sub DGV_CellMouseClicked(ByVal sender As Object, ByVal e  
As System.Windows.Forms.DataGridViewCellEventArgs)  
Handles DGV.CellMouseClicked  
    On Error Resume Next  
    TextBox1.Text = DGV.Rows(e.RowIndex).Cells(0).Value  
    Call carikode()  
    If dr.HasRows Then  
        Call ketemu()  
    End If  
End Sub
```