

**Laporan Final Project UAS**  
**Transaksi Penjualan UMKM MICU (Surabaya)**



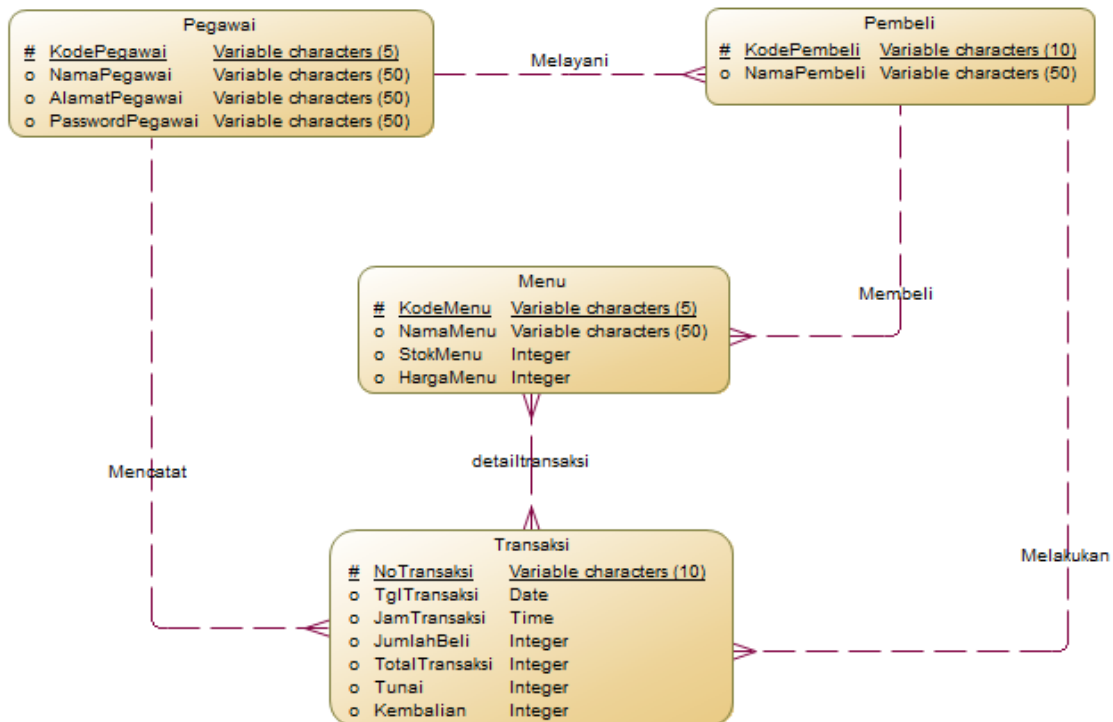
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**Paralel A - Kelompok 6**

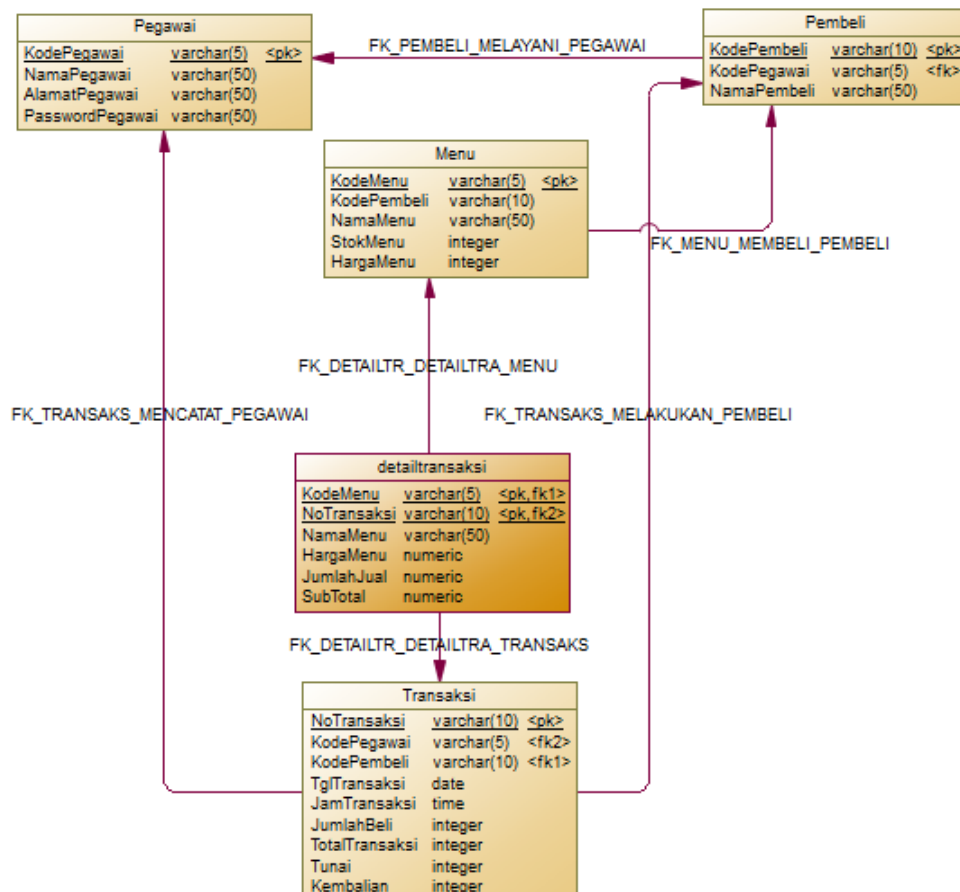
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**PROGRAM STUDI S1 SISTEM INFORMASI**  
**FAKULTAS ILMU KOMPUTER**  
**UPN "VETERAN" JAWA TIMUR**  
**SURABAYA**  
**2022**

## CDM



## PDM



## DFD



## Pembagian Tugas Kelompok

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## Penjelasan Program

### 1. Login

#### 1.1. Codingan Login

```
Imports System.Data.SqlClient
```

```
Public Class FormLogin
```

```
Sub bukakunci()
```

```
FormMenuUtama.LoginToolStripMenuItem.Enabled = False
```

```
FormMenuUtama.LogoutToolStripMenuItem.Enabled = True
```

```
FormMenuUtama.MasterToolStripMenuItem.Enabled = True
```

```
FormMenuUtama.TransaksiToolStripMenuItem.Enabled = True
```

```
FormMenuUtama.LaporanToolStripMenuItem.Enabled = True
```

```

End Sub

Private Sub Cancel_Click(sender As Object, e As EventArgs) Handles
Cancel.Click

    Me.Close()

End Sub

Private Sub Login_Click(sender As Object, e As EventArgs) Handles
Login.Click

    Call koneksi()

    cmd = New SqlCommand("Select * from tbl_pegawai where
KodePegawai = '" & Username.Text & "' and PasswordPegawai = '" &
Password.Text & "'", conn)

    rd = cmd.ExecuteReader

    rd.Read()

    If rd.HasRows Then

        Me.Close()

        Call bukakunci()

    Else

        MsgBox("Kode pegawai atau password salah")

        Username.Text = ""

        Password.Text = ""

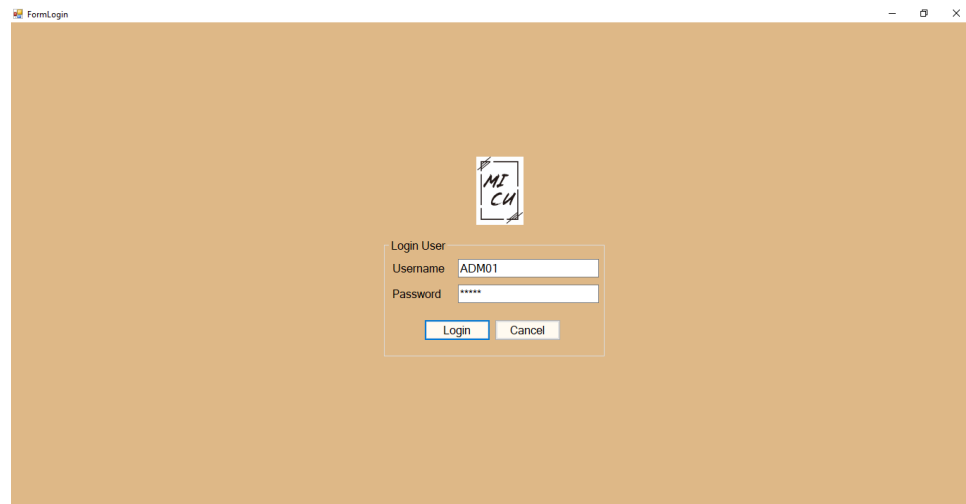
    End If

End Sub

End Class

```

## 1.2. Tampilan Login



## 2. Menu Utama

### 2.1. Codingan Menu Utama

```
Public Class FormMenuUtama

    Private Sub KeluarToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles KeluarToolStripMenuItem.Click

        End

    End Sub

    Sub Terkunci()

        LoginToolStripMenuItem.Enabled = True

        LogoutToolStripMenuItem.Enabled = False

        MasterToolStripMenuItem.Enabled = False

        TransaksiToolStripMenuItem.Enabled = False

        LaporanToolStripMenuItem.Enabled = False

    End Sub

    Private Sub FormMenuUtama_Load(sender As Object, e As EventArgs) Handles MyBase.Load

        Call Terkunci()

    End Sub

    Private Sub LoginToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles LoginToolStripMenuItem.Click

        FormLogin.ShowDialog()
```

End Sub

Private Sub LogoutToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles LogoutToolStripMenuItem.Click

Call Terkunci()

End Sub

Private Sub PegawaiToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles PegawaiToolStripMenuItem.Click

FormMasterPegawai.ShowDialog()

End Sub

Private Sub PembeliToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles PembeliToolStripMenuItem.Click

FormMasterPembeli.ShowDialog()

End Sub

Private Sub MenuToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles MenuToolStripMenuItem.Click

FormMasterMenu.ShowDialog()

End Sub

Private Sub PenjualanToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles PenjualanToolStripMenuItem.Click

FormTransaksiPenjualan.ShowDialog()

End Sub

Private Sub LaporanToolStripMenuItem\_Click(sender As Object, e As EventArgs) Handles LaporanToolStripMenuItem.Click

RptLaporanTransaksi.ShowDialog()

End Sub

End Class

## **2.1. Tampilan Menu Utama**



### 3. Master

#### 3.1. Master Pegawai

##### 3.1.1. Codingan Master Pegawai

Imports System.Data.SqlClient

Public Class FormMasterPegawai

Sub KondisiAwal()

TextBox1.Text = ""

TextBox2.Text = ""

TextBox3.Text = ""

TextBox4.Text = ""

TextBox1.Enabled = False

TextBox2.Enabled = False

TextBox3.Enabled = False

TextBox4.Enabled = False

Button1.Text = "Input"

Button2.Text = "Edit"

Button3.Text = "Delete"

Button4.Text = "Tutup"

Button1.Enabled = True

```

        Button2.Enabled = True
        Button3.Enabled = True
        Button4.Enabled = True

        Call koneksi()

        da = New SqlDataAdapter("Select
KodePegawai,NamaPegawai,AlamatPegawai from tbl_pegawai",
conn)

        ds = New DataSet
        da.Fill(ds, "tbl_pegawai")
        DataGridView1.DataSource = (ds.Tables("tbl_pegawai"))
        TextBox1.MaxLength = 5
        TextBox3.PasswordChar = "x"
    End Sub

```

```

Sub SiapIsi()

    TextBox1.Enabled = True
    TextBox2.Enabled = True
    TextBox3.Enabled = True
    TextBox4.Enabled = True

End Sub

```

```

Private Sub FormMasterBuku_Load(sender As Object, e As
EventArgs) Handles MyBase.Load

```

```

    Call KondisiAwal()

```

```

End Sub

```

```

Private Sub Button1_Click(sender As Object, e As EventArgs)
Handles Button1.Click

```

```

    If Button1.Text = "Input" Then

```

```

        Button1.Text = "Simpan"

```

```

        Button2.Enabled = False

```

```

        Button3.Enabled = False
    End If
End Sub

```



```

        Button4.Text = "Batal"

        Call SiapIsi()

        Call NoOtomatis()

        TextBox1.Enabled = False

        TextBox2.Focus()

    Else

        If TextBox1.Text = "" Or TextBox2.Text = "" Or
        TextBox3.Text = "" Or TextBox4.Text = "" Then

            MsgBox("Data Belum Lengkap!, silahkan isi semua field")

        Else

            Call koneksi()

            Dim simpandata As String = "insert into tbl_pegawai
            values ('" & TextBox1.Text & "','" & TextBox2.Text & "','" &
            TextBox3.Text & "','" & TextBox4.Text & "')"

            cmd = New SqlCommand(simpandata, conn)

            cmd.ExecuteNonQuery()

            MsgBox("Data berhasil disimpan")

            Call KondisiAwal()

        End If

    End If

End Sub

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

    If Button2.Text = "Edit" Then

        Button2.Text = "Simpan"

        Button1.Enabled = False

        Button3.Enabled = False

        Button4.Text = "Batal"

        Call SiapIsi()

    Else

```

```

        If TextBox1.Text = "" Or TextBox2.Text = "" Or
        TextBox3.Text = "" Or TextBox4.Text = "" Then

            MsgBox("Data Belum Lengkap!, silahkan isi semua field")

        Else

            Call koneksi()

            Dim editdata As String = "update tbl_pegawai set
            NamaPegawai=" & TextBox2.Text & ",PasswordPegawai=" &
            TextBox3.Text & ",AlamatPegawai=" & TextBox4.Text & " where
            KodePegawai=" & TextBox1.Text & ""

            cmd = New SqlCommand(editdata, conn)

            cmd.ExecuteNonQuery()

            MsgBox("Data berhasil diubah")

            Call KondisiAwal()

        End If

    End If

End Sub

```

```

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

    If Button3.Text = "Delete" Then

        Button3.Text = "Simpan"

        Button1.Enabled = False

        Button2.Enabled = False

        Button4.Text = "Batal"

        Call SiapIsi()

    Else

        If TextBox1.Text = "" Or TextBox2.Text = "" Or
        TextBox3.Text = "" Or TextBox4.Text = "" Then

            MsgBox("Data Belum Lengkap!, silahkan isi semua field")

        Else

            Call koneksi()

        End If

    End If

End Sub

```

```
Dim hapusdata As String = "delete tbl_pegawai where  
KodePegawai='" & TextBox1.Text & "'"
```

```
cmd = New SqlCommand(hapusdata, conn)
```

```
cmd.ExecuteNonQuery()
```

```
MsgBox("Data berhasil dihapus")
```

```
Call KondisiAwal()
```

```
End If
```

```
End If
```

```
End Sub
```

```
Private Sub Button4_Click(sender As Object, e As EventArgs)  
Handles Button4.Click
```

```
If Button4.Text = "Tutup" Then
```

```
Me.Close()
```

```
Else
```

```
Call KondisiAwal()
```

```
End If
```

```
End Sub
```

```
Private Sub TextBox1_KeyPress(sender As Object, e As  
KeyPressEventArgs) Handles TextBox1.KeyPress
```

```
If e.KeyChar = Chr(13) Then
```

```
Call koneksi()
```

```
cmd = New SqlCommand("Select * from tbl_pegawai where  
KodePegawai='" & TextBox1.Text & "'", conn)
```

```
rd = cmd.ExecuteReader
```

```
rd.Read()
```

```
If rd.HasRows Then
```

```
TextBox2.Text = rd.Item("NamaPegawai")
```

```
TextBox3.Text = rd.Item("PasswordPegawai")
```

```
TextBox4.Text = rd.Item("AlamatPegawai")
```

```

Else
    MsgBox("Data Tidak Ada")
End If
End If
End Sub

Sub NoOtomatis()
    Call koneksi()

    cmd = New SqlCommand("Select * from tbl_pegawai where
KodePegawai in (select max(KodePegawai) from tbl_pegawai)",
conn)

    Dim urutankode As String
    Dim hitung As Long
    rd = cmd.ExecuteReader
    rd.Read()

    If Not rd.HasRows Then
        urutankode = "ADM" + "01"
    Else
        hitung = Microsoft.VisualBasic.Right(rd.GetString(0), 2) + 1
        urutankode = "ADM" + Microsoft.VisualBasic.Right("00" &
hitung, 2)
    End If

    TextBox1.Text = urutankode
End Sub
End Class

```

### **3.1.2. Tampilan Form Master Pegawai**

FormMasterPegawai

## Master Pegawai

Kode

Nama

Password

Alamat

KodePegawai	NamaPegawai	AlamatPegawai
ADM01	AUDITI	Rerwin Jl. Garuda 3 No. 51, Waru
ADM02	AULIA	Jl. Randu Barat gg VII No. 31, Surabaya
ADM03	DISA	Jalan Pahlawan 93, Probolinggo
ADM04	DINDA	Arama Polisi No.10, Ketintang, Gayu...
*		

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## 3.2. Master Menu

### 3.2.1. Codingan Master Menu

Imports System.Data.SqlClient

Public Class FormMasterMenu

Sub KondisiAwal()

TextBox1.Text = ""

TextBox2.Text = ""

TextBox3.Text = ""

TextBox4.Text = ""

TextBox1.Enabled = False

TextBox2.Enabled = False

TextBox3.Enabled = False

TextBox4.Enabled = False

Button1.Text = "Input"

Button2.Text = "Edit"

Button3.Text = "Delete"

Button4.Text = "Tutup"

Button1.Enabled = True

Button2.Enabled = True

```
Button3.Enabled = True
Button4.Enabled = True
Call koneksi()
da = New SqlDataAdapter("Select * from tbl_menu", conn)
ds = New DataSet
da.Fill(ds, "tbl_menu")
DataGridView1.DataSource = (ds.Tables("tbl_menu"))
TextBox1.MaxLength = 4
End Sub
```

```
Sub SiapIsi()
    TextBox1.Enabled = True
    TextBox2.Enabled = True
    TextBox3.Enabled = True
    TextBox4.Enabled = True
End Sub
```

```
Private Sub FormMasterBuku_Load(sender As Object, e As
EventArgs) Handles MyBase.Load
    Call KondisiAwal()
End Sub
```

```
Private Sub Button1_Click(sender As Object, e As EventArgs)
Handles Button1.Click
    If Button1.Text = "Input" Then
        Button1.Text = "Simpan"
        Button2.Enabled = False
        Button3.Enabled = False
        Button4.Text = "Batal"
        Call SiapIsi()
    End If
End Sub
```

```

        Call NoOtomatis()

        TextBox1.Enabled = False

        TextBox2.Focus()

    Else

        If TextBox1.Text = "" Or TextBox2.Text = "" Or
        TextBox3.Text = "" Or TextBox4.Text = "" Then

            MsgBox("Data Belum Lengkap!, silahkan isi semua field")

        Else

            Call koneksi()

            Dim simpandata As String = "insert into tbl_menu values
            (" & TextBox1.Text & "," & TextBox2.Text & "," &
            TextBox3.Text & "," & TextBox4.Text & ")"

            cmd = New SqlCommand(simpandata, conn)

            cmd.ExecuteNonQuery()

            MsgBox("Data berhasil disimpan")

            Call KondisiAwal()

        End If

    End If

End Sub

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

    If Button2.Text = "Edit" Then

        Button2.Text = "Simpan"

        Button1.Enabled = False

        Button3.Enabled = False

        Button4.Text = "Batal"

        Call SiapIsi()

    Else

        If TextBox1.Text = "" Or TextBox2.Text = "" Or
        TextBox3.Text = "" Or TextBox4.Text = "" Then

```

```

        MsgBox("Data Belum Lengkap!, silahkan isi semua field")
    Else
        Call koneksi()

        Dim editdata As String = "update tbl_menu set
NamaMenu=" & TextBox2.Text & ",HargaMenu=" &
TextBox3.Text & ",StokMenu=" & TextBox4.Text & " where
KodeMenu=" & TextBox1.Text & ""

        cmd = New SqlCommand(editdata, conn)
        cmd.ExecuteNonQuery()

        MsgBox("Data berhasil diubah")

        Call KondisiAwal()
    End If
End If
End Sub

```

```

Private Sub Button3_Click(sender As Object, e As EventArgs)
Handles Button3.Click
    If Button3.Text = "Delete" Then
        Button3.Text = "Simpan"
        Button1.Enabled = False
        Button2.Enabled = False
        Button4.Text = "Batal"

        Call SiapIsi()
    Else
        If TextBox1.Text = "" Or TextBox2.Text = "" Or
        TextBox3.Text = "" Or TextBox4.Text = "" Then
            MsgBox("Data Belum Lengkap!, silahkan isi semua field")
        Else
            Call koneksi()

            Dim hapusdata As String = "delete tbl_menu where
KodeMenu=" & TextBox1.Text & ""

            cmd = New SqlCommand(hapusdata, conn)

```



```
        cmd.ExecuteNonQuery()

        MsgBox("Data berhasil dihapus")

        Call KondisiAwal()

    End If

End If

End Sub
```

```
Private Sub Button4_Click(sender As Object, e As EventArgs)
Handles Button4.Click
```

```
    If Button4.Text = "Tutup" Then

        Me.Close()

    Else

        Call KondisiAwal()

    End If

End Sub
```

```
Private Sub TextBox1_KeyPress(sender As Object, e As
KeyPressEventArgs) Handles TextBox1.KeyPress
```

```
    If e.KeyChar = Chr(13) Then

        Call koneksi()

        cmd = New SqlCommand("Select * from tbl_menu where
KodeMenu='" & TextBox1.Text & "'", conn)

        rd = cmd.ExecuteReader

        rd.Read()

        If rd.HasRows Then

            TextBox2.Text = rd.Item("NamaMenu")

            TextBox3.Text = rd.Item("HargaMenu")

            TextBox4.Text = rd.Item("StokMenu")

        Else

            MsgBox("Data Tidak Ada")

        End If

    End If
```

```

        End If
    End Sub

    Sub NoOtomatis()
        Call koneksi()

        cmd = New SqlCommand("Select * from tbl_menu where
KodeMenu in (select max(KodeMenu) from tbl_menu)", conn)

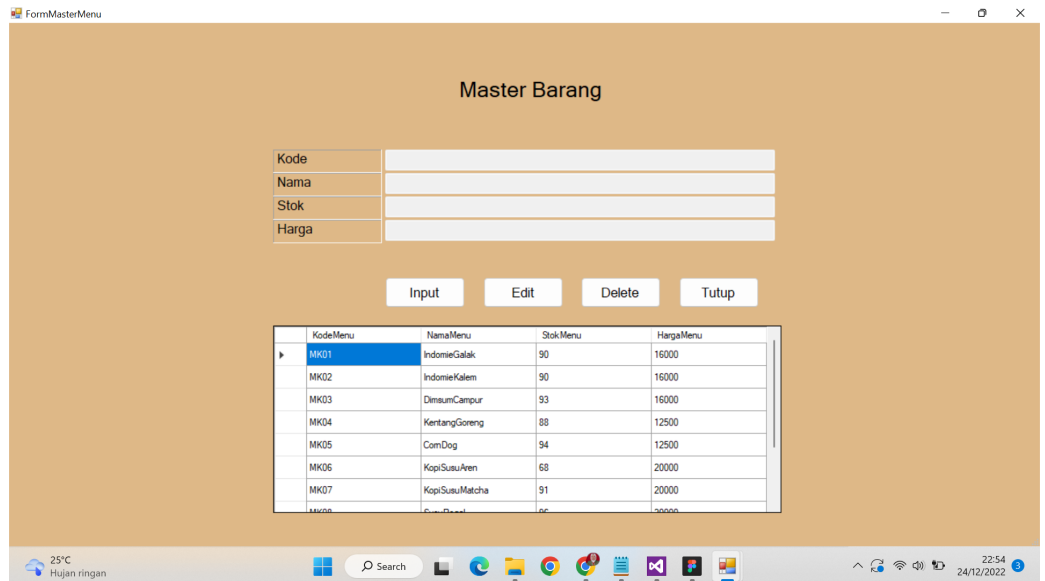
        Dim urutankode As String
        Dim hitung As Long
        rd = cmd.ExecuteReader
        rd.Read()

        If Not rd.HasRows Then
            urutankode = "MK" + "01"
        Else
            hitung = Microsoft.VisualBasic.Right(rd.GetString(0), 2) + 1
            urutankode = "MK" + Microsoft.VisualBasic.Right("00" &
hitung, 2)
        End If

        TextBox1.Text = urutankode
    End Sub
End Class

```

### **3.2.2. Tampilan Form Master Menu**



### 3.3. Master Pembeli

#### 3.3.1. Codingan Master Pembeli

Imports System.Data.SqlClient

Public Class FormMasterPembeli

Sub KondisiAwal()

TextBox1.Text = ""

TextBox2.Text = ""

TextBox1.Enabled = False

TextBox2.Enabled = False

Button1.Text = "Input"

Button2.Text = "Edit"

Button3.Text = "Delete"

Button4.Text = "Tutup"

Button1.Enabled = True

Button2.Enabled = True

Button3.Enabled = True

Button4.Enabled = True

Call koneksi()

da = New SqlDataAdapter("Select \* from tbl\_pembeli", conn)

```
ds = New DataSet
da.Fill(ds, "tbl_pembeli")
DataGridView1.DataSource = (ds.Tables("tbl_pembeli"))
TextBox1.MaxLength = 10
End Sub
```

```
Sub SiapIsi()
    TextBox1.Enabled = True
    TextBox2.Enabled = True
End Sub
```

```
Private Sub FormMasterBuku_Load(sender As Object, e As
EventArgs) Handles MyBase.Load
    Call KondisiAwal()
End Sub
```

```
Private Sub Button1_Click(sender As Object, e As EventArgs)
Handles Button1.Click
```

```
    If Button1.Text = "Input" Then
```

```
        Button1.Text = "Simpan"
```

```
        Button2.Enabled = False
```

```
        Button3.Enabled = False
```

```
        Button4.Text = "Batal"
```

```
        Call SiapIsi()
```

```
        Call NoOtomatis()
```

```
        TextBox1.Enabled = False
```

```
        TextBox2.Focus()
```

```
    Else
```

```
        If TextBox1.Text = "" Or TextBox2.Text = "" Then
```

```
            MsgBox("Data Belum Lengkap!, silahkan isi semua field")
```

```

Else
    Call koneksi()

    Dim simpandata As String = "insert into tbl_pembeli
values (" & TextBox1.Text & "," & TextBox2.Text & ")"

    cmd = New SqlCommand(simpandata, conn)

    cmd.ExecuteNonQuery()

    MsgBox("Data berhasil disimpan")

    Call KondisiAwal()

End If

End If

End Sub

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

    If Button2.Text = "Edit" Then

        Button2.Text = "Simpan"

        Button1.Enabled = False

        Button3.Enabled = False

        Button4.Text = "Batal"

        Call SiapIsi()

    Else

        If TextBox1.Text = "" Or TextBox2.Text = "" Then

            MsgBox("Data Belum Lengkap!, silahkan isi semua field")

        Else

            Call koneksi()

            Dim editdata As String = "update tbl_pembeli set
NamaPembeli=" & TextBox2.Text & " where KodePembeli=" &
TextBox1.Text & ""

            cmd = New SqlCommand(editdata, conn)

            cmd.ExecuteNonQuery()

            MsgBox("Data berhasil diubah")

```

```

        Call KondisiAwal()
    End If
End If
End Sub

Private Sub Button3_Click(sender As Object, e As EventArgs)
Handles Button3.Click
    If Button3.Text = "Delete" Then
        Button3.Text = "Simpan"
        Button1.Enabled = False
        Button2.Enabled = False
        Button4.Text = "Batal"
        Call SiapIsi()
    Else
        If TextBox1.Text = "" Or TextBox2.Text = "" Then
            MsgBox("Data Belum Lengkap!, silahkan isi semua field")
        Else
            Call koneksi()

            Dim hapusdata As String = "delete tbl_pembeli where
KodePembeli='" & TextBox1.Text & "'"

            cmd = New SqlCommand(hapusdata, conn)
            cmd.ExecuteNonQuery()
            MsgBox("Data berhasil dihapus")
            Call KondisiAwal()
        End If
    End If
End Sub

Private Sub Button4_Click(sender As Object, e As EventArgs)
Handles Button4.Click
    If Button4.Text = "Tutup" Then

```

```
Me.Close()  
Else  
    Call KondisiAwal()  
End If  
End Sub
```

```
Private Sub TextBox1_KeyPress(sender As Object, e As  
KeyPressEventArgs) Handles TextBox1.KeyPress  
    If e.KeyChar = Chr(13) Then  
        Call koneksi()  
        cmd = New SqlCommand("Select * from tbl_pembeli where  
KodePembeli='" & TextBox1.Text & "'", conn)  
        rd = cmd.ExecuteReader  
        rd.Read()  
        If rd.HasRows Then  
            TextBox2.Text = rd.Item("NamaPembeli")  
        Else  
            MsgBox("Data Tidak Ada")  
        End If  
    End If  
End Sub
```

```
Sub NoOtomatis()  
    Call koneksi()  
    cmd = New SqlCommand("Select * from tbl_pembeli where  
KodePembeli in (select max(KodePembeli) from tbl_pembeli)",  
conn)  
    Dim urutankode As String  
    Dim hitung As Long  
    rd = cmd.ExecuteReader  
    rd.Read()
```

```

If Not rd.HasRows Then
    urutankode = "PBL" + "0000001"
Else
    hitung = Microsoft.VisualBasic.Right(rd.GetString(0), 7) + 1
    urutankode = "PBL" +
Microsoft.VisualBasic.Right("0000000" & hitung, 7)
End If
TextBox1.Text = urutankode
End Sub
End Class

```

### 3.3.2. Tampilan Form Master Pembeli

KodePembeli	NamaPembeli
PBL0000001	LISA
PBL0000002	AULIA
PBL0000003	DITI
PBL0000004	DINDA
PBL0000005	LILIS
PBL0000006	DITA

## 4. Transaksi

### 4.1 Coding Form Transaksi

```
Imports System.Data.SqlClient
```

```
Public Class FormTransaksiPenjualan
```

```
Sub KondisiAwal()
```

```
    LBLNoTransaksi.Text = ""
```

```
    LBLTglTransaksi.Text = Today
```

```
    LBLNama.Text = ""
```

```
    LBLKembalian.Text = ""
```



```
    TextBox3.Text = ""
    LBLNamaMenu.Text = ""
    LBLHarga.Text = ""
    TextBox2.Text = ""
    TextBox2.Enabled = False
    TextBox1.Text = ""
    LBLItem.Text = ""
    Call MunculKodePembeli()
    Call NoOtomatis()
    Call buatKolom()
    Label11.Text = "0"
End Sub
```

```
Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles Timer1.Tick
    LBLJamTransaksi.Text = TimeOfDay
End Sub
```

```
Private Sub FormTransaksiPenjualan_Load(sender As Object, e As EventArgs)
Handles MyBase.Load
    Call KondisiAwal()
End Sub
```

```
Sub MunculKodePembeli()
    Call koneksi()
    ComboBox1.Items.Clear()
    cmd = New SqlCommand("Select * from tbl_pembeli", conn)
    rd = cmd.ExecuteReader
    Do While rd.Read
        ComboBox1.Items.Add(rd.Item(0))
    Loop
End Sub
```

End Sub

Private Sub ComboBox1\_SelectedIndexChanged(sender As Object, e As EventArgs) Handles ComboBox1.SelectedIndexChanged

    Call koneksi()

    cmd = New SqlCommand("Select \* from tbl\_pembeli where KodePembeli = '" & ComboBox1.Text & "'", conn)

    rd = cmd.ExecuteReader

    rd.Read()

    If rd.HasRows Then

        LBLNama.Text = rd!NamaPembeli

    End If

End Sub

Sub NoOtomatis()

    Call koneksi()

    cmd = New SqlCommand("Select \* from tbl\_transaksi where NoTransaksi in (select max(NoTransaksi) from tbl\_transaksi)", conn)

    Dim urutankode As String

    Dim hitung As Long

    rd = cmd.ExecuteReader

    rd.Read()

    If Not rd.HasRows Then

        urutankode = "TRK" + "0000001"

    Else

        hitung = Microsoft.VisualBasic.Right(rd.GetString(0), 7) + 1

        urutankode = "TRK" + Microsoft.VisualBasic.Right("0000000" & hitung, 7)

    End If

    LBLNoTransaksi.Text = urutankode

End Sub

Sub buatKolom()

```

DataGridView1.Columns.Clear()

DataGridView1.Columns.Add("Kode", "Kode")

DataGridView1.Columns.Add("Nama", "Nama Menu")

DataGridView1.Columns.Add("Harga", "Harga")

DataGridView1.Columns.Add("Jumlah", "Jumlah")

DataGridView1.Columns.Add("SubTotal", "SubTotal")

End Sub

Sub RumusSubTotal()

    Dim hitung As Integer = 0

    For i As Integer = 0 To DataGridView1.Rows.Count - 1

        hitung = hitung + DataGridView1.Rows(i).Cells(4).Value

        Label11.Text = hitung

    Next

End Sub

```

```

Private Sub Button4_Click(sender As Object, e As EventArgs) Handles
Button4.Click

    If LBLNamaMenu.Text = "" Or TextBox2.Text = "" Then

        MsgBox("Silahkan masukan kode barang dan tekan ENTER")

    Else

        DataGridView1.Rows.Add(New String() {TextBox3.Text,
        LBLNamaMenu.Text, LBLHarga.Text, TextBox2.Text, Val(LBLHarga.Text) *
        Val(TextBox2.Text)})

        Call RumusSubTotal()

        TextBox3.Text = ""

        LBLNamaMenu.Text = ""

        LBLHarga.Text = ""

        TextBox2.Text = ""

        TextBox2.Enabled = False

        Call rumusCariItem()

    End If

```

End Sub

```
Private Sub TextBox3_KeyPress(sender As Object, e As KeyPressEventArgs)  
Handles TextBox3.KeyPress
```

```
    If e.KeyChar = Chr(13) Then
```

```
        Call koneksi()
```

```
        cmd = New SqlCommand("Select * from tbl_menu where KodeMenu='" &  
TextBox3.Text & "'", conn)
```

```
        rd = cmd.ExecuteReader
```

```
        rd.Read()
```

```
        If Not rd.HasRows Then
```

```
            MsgBox("Kode Barang tidak ada")
```

```
        Else
```

```
            TextBox3.Text = rd.Item("KodeMenu")
```

```
            LBLNamaMenu.Text = rd.Item("NamaMenu")
```

```
            LBLHarga.Text = rd.Item("HargaMenu")
```

```
            TextBox2.Enabled = True
```

```
        End If
```

```
    End If
```

End Sub

```
Private Sub TextBox1_KeyPress(sender As Object, e As KeyPressEventArgs)  
Handles TextBox1.KeyPress
```

```
    If e.KeyChar = Chr(13) Then
```

```
        If Val(TextBox1.Text) < Val(Label11.Text) Then
```

```
            MsgBox("Pembayaran Kurang!")
```

```
        ElseIf Val(TextBox1.Text) = Val(Label11.Text) Then
```

```
            LBLKembalian.Text = 0
```

```
        ElseIf Val(TextBox1.Text) > Val(Label11.Text) Then
```

```
            LBLKembalian.Text = Val(TextBox1.Text) - Val(Label11.Text)
```

```
            Button1.Focus()
```

End If

End If

End Sub

Sub rumusCarilItem()

Dim hitungitem As Integer = 0

For i As Integer = 0 To DataGridView1.Rows.Count - 1

hitungitem = hitungitem + DataGridView1.Rows(i).Cells(3).Value

LBLItem.Text = hitungitem

Next

End Sub

Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles  
Button1.Click

If LBLKembalian.Text = "" Or LBLNama.Text = "" Or Label11.Text = "" Then

MsgBox("Transaksi tidak ada, silahkan melakukan transaksi terlebih dahulu")

Else

Call koneksi()

Dim tgl As String

tgl = Format(Today, "yyyy-MM-dd")

Dim simpanjual As String = "insert into tbl\_transaksi values ('" &  
LBLNoTransaksi.Text & "', '" & tgl & "', '" & LBLJamTransaksi.Text & "', '" &  
ComboBox1.Text & "', '" & LBLItem.Text & "', '" & Label11.Text & "', '" &  
TextBox1.Text & "', '" & LBLKembalian.Text & "')" &

cmd = New SqlCommand(simpanjual, conn)

cmd.ExecuteNonQuery()

For Baris As Integer = 0 To DataGridView1.Rows.Count - 2

Call koneksi()

Dim simpandetail As String = "insert into tbl\_detailtransaksi values ('" &  
LBLNoTransaksi.Text & "', '" & DataGridView1.Rows(Baris).Cells(0).Value & "', '" &  
& DataGridView1.Rows(Baris).Cells(1).Value & "', '" &

```
DataGridView1.Rows(Baris).Cells(2).Value & ", " &  
DataGridView1.Rows(Baris).Cells(3).Value & ", " &  
DataGridView1.Rows(Baris).Cells(4).Value & ")"
```

```
cmd = New SqlCommand(simpandetail, conn)
```

```
cmd.ExecuteNonQuery()
```

```
Call koneksi()
```

```
cmd = New SqlCommand("Select * from tbl_menu where KodeMenu='" &  
DataGridView1.Rows(Baris).Cells(0).Value & "'", conn)
```

```
rd = cmd.ExecuteReader
```

```
rd.Read()
```

```
Call koneksi()
```

```
Dim kurangistok As String = "Update tbl_menu set StokMenu='" &  
rd.Item("StokMenu") - DataGridView1.Rows(Baris).Cells(3).Value & "' where  
KodeMenu='" & DataGridView1.Rows(Baris).Cells(0).Value & "'"
```

```
cmd = New SqlCommand(kurangistok, conn)
```

```
cmd.ExecuteNonQuery()
```

```
Next
```

```
Call koneksi()
```

```
Dim laporantransaksi As String = "insert into tbl_laporantransaksi values ('" &  
LBLNoTransaksi.Text & ", " & LBLNama.Text & ", " & LBLItem.Text & ", " &  
Label11.Text & "')
```

```
cmd = New SqlCommand(laporantransaksi, conn)
```

```
cmd.ExecuteNonQuery()
```

```
Call KondisiAwal()
```

```
MsgBox("Transaksi Berhasil Disimpan!")
```

```
End If
```

```
End Sub
```

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

```
Me.Close()
```

```
End Sub
```

Private Sub Button2\_Click(sender As Object, e As EventArgs) Handles Button2.Click

Call KondisiAwal()

End Sub

End Class

## 4.2 Tampilan Form Transaksi

FormTransaksiPenjualan

**TRANSAKSI**  
Micu Surabaya

No Transaksi	TRK0000007	Kode Menu	
Tgl Transaksi	26/12/2022	Nama Menu	
Jam Transaksi	12:58:16	Harga	
Kode Pembeli	PBL0000003	Jumlah	
Nama Pembeli	AUDITI	Total	110000

INPUT

Kode	Nama Menu	Harga	Jumlah	Sub Total
MK05	CornDog	12500	2	25000
MK10	SusuTaro	20000	3	60000
MK04	KentangGoreng	12500	2	25000

SIMPAN BATAL TUTUP

Item 7 Tunai 120000 Kembali 10000

## 5. Laporan

### 5.1. Tampilan Laporan

RptLaporanTransaksi

**DATA LAPORAN HARIAN MICU SURABAYA**  
Asrama Polisi No. 10, RT.002/RW.07, Ketintang, Gayungan, Surabaya

No Transaksi	Nama Pembeli	Item	Sub Total
TRK00000001	LISA	3	Rp 60,000
TRK00000002	DINDA	2	Rp 32,000
TRK00000003	DITI	2	Rp 25,000
TRK00000004	DINDA	5	Rp 69,500
END TOTAL		12	Rp 186,500