

LAMPIRAN

Form Welcome

```
Public Class welcome
```

```
    Inherits System.Windows.Forms.Form
```

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

```
    End
```

```
End Sub
```

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

```
    Dim frmLogin As New login
```

```
    frmLogin.Show()
```

```
    Me.Hide()
```

```
End Sub
```

```
End Class
```

Form Login

```
Imports System.Data
```

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

```
Public Class login
```

```
    Inherits System.Windows.Forms.Form
```

```
Dim i As Integer = 0
```

```
Private Sub kosong()
```

```
    txtUserName.Text = ""
```

```
    txtPassword.Text = ""
```

```
    txtUserName.Focus()
```

```
End Sub
```

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

```

    Dim frm1 As New welcome
    frm1.Show()
    Me.Close()
End Sub

Private Sub btnReset_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnReset.Click
    kosong()
End Sub

Private Sub btnLogin_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnLogin.Click
    If txtUserName.Text = "" And txtPassword.Text = "" Then
        MessageBox.Show("Masukkan data login dulu!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtUserName.Focus()
    ElseIf txtUserName.Text = "" Then
        MessageBox.Show("Masukkan nama Anda!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtUserName.Focus()
    ElseIf txtPassword.Text = "" Then
        MessageBox.Show("Masukkan password Anda!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtPassword.Focus()
    Else
        Try
            Dim roleid, password As String
            Dim myConn As SqlConnection
            Dim myReader As SqlDataReader

            myConn = Konektor()
            myConn.Open()

```

```

Dim query As String = "SELECT id_role, password_user FROM
data_user" & _
    " WHERE user_name = '" & txtUserName.Text.Trim & "' AND
password_user = '" & txtPassword.Text.Trim & "'"
Dim command As SqlCommand = New SqlCommand(query, myConn)
myReader = command.ExecuteReader
If myReader.HasRows Then
    While myReader.Read
        roleid = Trim(myReader.Item("ID_ROLE"))
        password = Trim(myReader.Item("PASSWORD_USER"))
    End While
    myReader.Close()
End If
If roleid = "1" And txtPassword.Text.Trim.Equals(password) Then
    Dim form_menuutama1 As New menuAdmin
    form_menuutama1.Show()
    Me.Close()
ElseIf roleid = "2" And txtPassword.Text.Trim.Equals(password) Then
    Dim form_menuutama2 As New menuPetugasDaftar
    form_menuutama2.Show()
    Me.Close()
ElseIf roleid = "3" And txtPassword.Text.Trim.Equals(password) Then
    Dim nama As String
    Dim id As String
    Dim sql As String = "SELECT data_dokter.nama_dokter,
data_user.user_id" & _
        " FROM data_dokter, data_user WHERE data_dokter.id_dokter =
data_user.id_dokter AND" & _
        " data_user.user_name = '" & txtUserName.Text.Trim & "'"

```

```

Dim comm As SqlCommand = New SqlCommand(sql, myConn)
myReader = comm.ExecuteReader()
If myReader.HasRows Then
    While myReader.Read()
        nama = CStr(Trim(myReader.Item("NAMA_DOKTER")))
        id = CStr(Trim(myReader.Item("USER_ID")))
    End While
    myReader.Close()
End If
ElseIf roleid = "4" And txtPassword.Text.Trim.Equals(password) Then
    Dim form_menuutama4 As New menuManager
    Me.Close()
    form_menuutama4.Show()
Else
    i = i + 1
    MsgBox("User name dan password yang Anda masukkan tidak
valid!", MsgBoxStyle.Exclamation)
    kosong()
    If i = 3 Then
        MsgBox("AKSES ANDA DITOLAK...")
        Me.Close()
    End If
End If
myConn.Close()
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
End If
End Sub

```

```
Private Sub Login_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
```

```
End Sub
```

```
End Class
```

Form Menu Admin

```
Public Class menuAdmin
```

```
Inherits System.Windows.Forms.Formuses
```

```
Private Sub MenuItem5_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem5.Click
```

```
Dim mYes_No As String = MsgBox("Anda yakin ingin keluar ?", vbYesNo, "Informasi")
```

```
If mYes_No = vbYes Then
```

```
Dim frm1 As New welcome
```

```
frm1.Show()
```

```
Me.Close()
```

```
End If
```

```
End Sub
```

```
Private Sub MenuItem2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem2.Click
```

```
Dim formUser As New pengelolaanUser
```

```
formUser.MdiParent = Me
```

```
formUser.Show()
```

```
End Sub
```

```
Private Sub menuAdmin_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
```

```
Me.IsMdiContainer = True
```

End Sub

```
Private Sub MenuItem4_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem4.Click
```

```
    Dim formKamar As New pengelolaanKamar
```

```
    formKamar.MdiParent = Me
```

```
    formKamar.Show()
```

End Sub

```
Private Sub MenuItem3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem3.Click
```

```
    Dim formDokter As New pengelolaanDokter
```

```
    formDokter.MdiParent = Me
```

```
    formDokter.Show()
```

End Sub

End Class

Form Pengelolaan User

```
Imports System.Data
```

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

```
Public Class pengelolaanUser
```

```
    Inherits System.Windows.Forms.Form
```

```
    Dim daUser As SqlDataAdapter
```

```
    Dim dsUser As DataSet
```

```
    Dim myConn As SqlConnection
```

```
    Dim myReader As SqlDataReader
```

```
    Dim i As Integer
```

```
    Public Sub DataGrid()
```

```
        Try
```

```
            myConn = Konektor()
```

```

myConn.Open()
Dim sqlselect As String = "SELECT data_user.user_id AS 'ID USER',
data_user.user_name AS 'NAMA USER'," & _
" user_role.role AS 'ROLE', password_user AS 'PASSWORD'" & _
" FROM data_user, user_role WHERE data_user.id_role =
user_role.id_role ORDER BY data_user.user_id ASC"
daUser = New SqlDataAdapter(sqlselect, myConn)
dsUser = New DataSet
daUser.Fill(dsUser, "DATA_USER")
DataUser.DataSource = dsUser
DataUser.DataMember = ("DATA_USER")
DataUser.ReadOnly = True
Me.lblJumlah.Text = Me.BindingContext(dsUser,
"DATA_USER").Count.ToString
Catch ex As Exception
MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
myConn.Close()
End Sub
Public Sub kosong()
Label6.Visible = False
cmbIdDokter.Visible = False
Label8.Text = ""
Label8.Visible = False
txtUserName.Text = ""
txtPass.Text = ""
txtConPass.Text = ""
cmbRole.Text = "-----Pilih Jabatan-----"
End Sub

```

```
Public Sub tombolAktif()  
    btnTambah.Enabled = True  
    btnEdit.Enabled = True  
    btnHapus.Enabled = True  
    btnReset.Enabled = True  
    btnCancel.Enabled = True  
End Sub
```

```
Public Sub nonaktif()  
    txtUserId.Visible = True  
    txtUserId.Enabled = True  
    txtUserName.Enabled = False  
    txtPass.Enabled = False  
    txtConPass.Enabled = False  
    cmbRole.Enabled = False  
    cmbIdDokter.Enabled = False  
End Sub
```

```
Public Sub aktif()  
    Label4.Visible = True  
    txtConPass.Visible = True  
    txtUserName.Enabled = True  
    txtPass.Enabled = True  
    txtConPass.Enabled = True  
    cmbRole.Enabled = True  
End Sub
```

```
Public Sub Jabatan()  
    Try  
        myConn = Konektor()
```



```

myConn.Open()
Dim sql As String = "SELECT role FROM user_role"
Dim command As New SqlCommand(sql, myConn)
myReader = command.ExecuteReader()
If myReader.HasRows Then
    While myReader.Read()
        cmbRole.Items.Add(Trim(myReader.Item("ROLE")))
    End While
End If
myReader.Close()
myConn.Close()
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
End Sub

```

```

Public Sub IdDokter()
    Try
        cmbIdDokter.Items.Clear()
        myConn = Konektor()
        myConn.Open()
        Dim sql As String = "SELECT id_dokter FROM data_dokter" & _
        " WHERE id_dokter != 'DR0'"
        Dim command As New SqlCommand(sql, myConn)
        myReader = command.ExecuteReader()
        If myReader.HasRows Then
            While myReader.Read()
                cmbIdDokter.Items.Add(Trim(myReader.Item("ID_DOKTER")))
            End While
        End If
    End Try
End Sub

```

```

    End If
    myReader.Close()
    myConn.Close()
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
End Sub

```

```

Public Sub NamaDokter()

```

```

    Try
        Dim nama As String
        myConn = Konektor()
        myConn.Open()
        Dim sql As String = "SELECT nama_dokter FROM data_dokter" & _
            " WHERE id_dokter = " & cmbIdDokter.SelectedItem & "" & _
            " AND status = 'Aktif'"
        Dim command As New SqlCommand(sql, myConn)
        myReader = command.ExecuteReader()
        If myReader.HasRows Then
            While myReader.Read()
                nama = Trim(myReader.Item("NAMA_DOKTER"))
            End While
            Label8.Text = nama
            Label8.Visible = True
        End If
        myReader.Close()
        myConn.Close()
    Catch ex As Exception

```

```

        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
End Sub
Public Sub generate_id()
    Dim angka, angka2 As Integer
    angka2 = 0
    Dim noku As String
    Dim nokus As String
    Dim n As Integer
    myConn = Konektor()
    myConn.Open()
    Dim sql As String = "SELECT user_id FROM data_user"
    Dim command As SqlCommand = New SqlCommand(sql, myConn)
    Try
        myReader = command.ExecuteReader()
        If myReader.HasRows Then
            While myReader.Read()
                noku = Trim(myReader.Item("USER_ID"))
                n = Len(noku)
                angka = CInt(Mid$(noku, 4, n))
                If angka2 < angka Then
                    angka2 = angka
                End If
            End While
            noku = CStr(angka2 + 1)
            nokus = "US-" + CStr(noku)
            lblUserId.Text = nokus
        Else : nokus = "US-1"
            lblUserId.Text = nokus
        End If
    End Try
End Sub

```

```

        End If
        myReader.Close()
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
    myConn.Close()
End Sub

```

```

Public Sub first()
    kosong()
    nonaktif()
    txtUserId.Text = ""
    txtUserId.Focus()
    tombolAktif()
    btnCancel.Text = "&Main Menu"
    btnTambah.Text = "&Tambah"
    btnEdit.Text = "&Edit"
End Sub

```

```

Private Sub pengelolaanUser_Load(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles MyBase.Load
    first()
    DataGrid()
    Jabatan()
    IdDokter()
End Sub

```

```

Private Sub btnCancel_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnCancel.Click

```

```

If btnCancel.Text = "&Main Menu" Then
    Me.Close()
ElseIf btnCancel.Text = "&Batal" Then
    first()
End If
End Sub

```

```

Private Sub btnTambah_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnTambah.Click

```

```

    If btnTambah.Text = "&Tambah" Then
        btnEdit.Enabled = False
        btnHapus.Enabled = False
        txtUserId.Visible = False
        aktif()
        kosong()
        txtUserName.Focus()
        generate_id()
        btnTambah.Text = "&Simpan"
        btnCancel.Text = "&Batal"
    ElseIf btnTambah.Text = "&Simpan" Then
        If txtUserName.Text = "" And txtPass.Text = "" And txtConPass.Text = ""
And cmbRole.Text = "-----Pilih Jabatan-----" Then
            MessageBox.Show("Data user masih kosong!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
            txtUserName.Focus()
        ElseIf txtUserName.Text = "" Then
            MessageBox.Show("Masukkan user name dulu!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
            txtUserName.Focus()
        ElseIf txtPass.Text = "" Then

```

```

        MessageBox.Show("Masukkan password dulu!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtPass.Focus()
    ElseIf txtConPass.Text = "" Then
        MessageBox.Show("Masukkan konfirmasi password dulu!",
"Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtConPass.Focus()
    ElseIf cmbRole.Text = "-----Pilih Jabatan-----" Then
        MessageBox.Show("Pilih role dulu!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        cmbRole.Focus()
    ElseIf Len(txtPass.Text) > 5 Then
        MessageBox.Show("Password tidak boleh lebih dari 5 karakter!",
"Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtPass.Focus()
    ElseIf txtPass.Text <> txtConPass.Text Then
        MessageBox.Show("Konfirmasi password tidak diterima!",
"Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtConPass.Text = ""
        txtConPass.Focus()
    Else
        Dim ans = MessageBox.Show("Apakah Anda yakin akan
menambahkan data ini ?", "Konfirmasi", MessageBoxButtons.OKCancel,
MessageBoxIcon.Question)
        If ans = 1 Then
            Dim sql As String
            If Trim(cmbRole.Text) = "Dokter atau Perawat" Then
                If cmbIdDokter.Text = "" Then
                    MessageBox.Show("Pilih ID dokter dulu!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)

```

```

        cmbIdDokter.Focus()
        i = 1
    Else
        sql = "INSERT INTO data_user(user_id, password_user,
user_name, id_role, id_dokter)" & _
            " VALUES('" & Trim(lblUserId.Text) & "','" &
Trim(txtPass.Text) & "','" & Trim(txtUserName.Text) & "','" &
getIdRoleKu(cmbRole.SelectedItem) & "','" & Trim(cmbIdDokter.SelectedItem)
& "')"
        i = 0
    End If
Else
    sql = "INSERT INTO data_user(user_id, password_user,
user_name, id_role, id_dokter)" & _
        " VALUES('" & Trim(lblUserId.Text) & "','" & Trim(txtPass.Text)
& "','" & Trim(txtUserName.Text) & "','" & getIdRoleKu(cmbRole.SelectedItem)
& "','" & Trim(cmbIdDokter.SelectedItem) & "','" & Trim(cmbIdDokter.SelectedItem)
& "','" & Trim(cmbIdDokter.SelectedItem) & "','DR0'"
        i = 0
    End If

If i = 0 Then
    myConn = Konektor()
    myConn.Open()
    Dim command As SqlCommand = New SqlCommand(sql,
myConn)
    Try
        Dim status As Integer = command.ExecuteNonQuery()
        If status = 1 Then
            DataGrid()
            kosong()
        End If
    Catch ex As Exception
        MsgBox(ex.Message)
    End Try
End If

```

```

        lblUserId.Text = ""
        MessageBox.Show("Data user berhasil ditambahkan!",
"Informasi", MessageBoxButtons.OK, MessageBoxIcon.Information)
    Else
        MessageBox.Show("Data user gagal ditambahkan!", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error)
    End If
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
myConn.Close()
first()
End If
Else
    first()
End If
End If
End If
End Sub

```

```

Private Sub btnEdit_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnEdit.Click
    If txtUserId.Text = "" Then
        MessageBox.Show("Masukkan user ID yang ingin diedit, tekan
<ENTER> kemudian kembali tekan <Edit>", "Petunjuk",
MessageBoxButtons.OK, MessageBoxIcon.Information)
        txtUserId.Focus()
    ElseIf btnEdit.Text = "&Edit" Then
        If txtUserName.Text = "" Then

```



```

        MessageBox.Show("User ID yang diinputkan tidak valid!", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error)
        txtUserId.Focus()
    Else
        btnTambah.Enabled = False
        btnHapus.Enabled = False
        txtUserId.Enabled = False
        aktif()
        txtUserName.Focus()
        txtConPass.Text = txtPass.Text
        btnEdit.Text = "&Simpan"
        btnCancel.Text = "&Batal"
    End If
    ElseIf btnEdit.Text = "&Simpan" Then
        If txtUserName.Text = "" And txtPass.Text = "" And txtConPass.Text = ""
And cmbRole.Text = "-----Pilih Jabatan-----" Then
            MessageBox.Show("Data user masih kosong!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
            txtUserName.Focus()
        ElseIf txtUserName.Text = "" Then
            MessageBox.Show("Masukkan user name dulu!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
            txtUserName.Focus()
        ElseIf txtPass.Text = "" Then
            MessageBox.Show("Masukkan password dulu!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
            txtPass.Focus()
        ElseIf txtConPass.Text = "" Then
            MessageBox.Show("Masukkan konfirmasi password dulu!",
"Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)

```

```

txtConPass.Focus()
ElseIf cmbRole.Text = "-----Pilih Jabatan-----" Then
    MessageBox.Show("Pilih role dulu!", "Peringatan",
    MessageBoxButtons.OK, MessageBoxIcon.Warning)
    cmbRole.Focus()
ElseIf Len(txtPass.Text) > 5 Then
    MessageBox.Show("Password tidak boleh lebih dari 5 karakter!",
    "Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
    txtPass.Focus()
ElseIf txtPass.Text <> txtConPass.Text Then
    MessageBox.Show("Konfirmasi password tidak diterima!",
    "Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
    txtConPass.Text = ""
    txtConPass.Focus()
Else
    Dim sql As String
    If Trim(cmbRole.SelectedItem) = "Dokter atau Perawat" Then
        If cmbIdDokter.Text = "" Then
            MessageBox.Show("Pilih ID dokter dulu!", "Peringatan",
            MessageBoxButtons.OK, MessageBoxIcon.Warning)
            cmbIdDokter.Focus()
            i = 1
        Else
            sql = "UPDATE data_user SET" & _
            " user_name = " & Trim(txtUserName.Text) & ", password_user
            = " & Trim(txtPass.Text) & "," & _
            " id_role = " & getIdRoleKu(cmbRole.SelectedItem) & ",
            id_dokter = " & Trim(cmbIdDokter.SelectedItem) & "" & _
            " WHERE user_id = " & Trim(txtUserId.Text) & ""
            i = 0
        End If
    End If

```

```

    End If
Else
    sql = "UPDATE data_user SET" & _
        " user_name = " & Trim(txtUserName.Text) & ", password_user = "
& Trim(txtPass.Text) & ", " & _
        " id_role = " & getIdRoleKu(cmbRole.SelectedItem) & "" & _
        " WHERE user_id = " & Trim(txtUserId.Text) & ""
    i = 0
End If

If i = 0 Then
    myConn = Konektor()
    myConn.Open()
    Dim command As SqlCommand = New SqlCommand(sql, myConn)
    Try
        Dim status As Integer = command.ExecuteNonQuery()
        If status = 1 Then
            DataGrid()
            kosong()
            txtUserId.Text = ""
            MessageBox.Show("Data user berhasil diedit!", "Informasi",
                MessageBoxButtons.OK, MessageBoxIcon.Information)
        Else
            MessageBox.Show("Data user gagal diedit!", "Error",
                MessageBoxButtons.OK, MessageBoxIcon.Error)
        End If
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
            MsgBoxStyle.OKOnly, "Info")
    End Try
End If

```

```
        myConn.Close()
        first()
    End If
End If
End If
End Sub
```

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

```
    If btnTambah.Text = "&Simpan" Or btnEdit.Text = "&Simpan" Then
```

```
        kosong()
```

```
        txtUserName.Focus()
```

```
    Else
```

```
        Label4.Visible = True
```

```
        txtConPass.Visible = True
```

```
        txtUserId.Text = ""
```

```
        kosong()
```

```
        txtUserId.Focus()
```

```
    End If
```

```
End Sub
```

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

```
    If txtUserId.Text = "" Then
```

```
        MessageBox.Show("Masukkan user ID yang ingin dihapus, tekan <ENTER> kemudian kembali tekan <Hapus>", "Petunjuk", MessageBoxButtons.OK, MessageBoxIcon.Information)
```

```
        txtUserId.Focus()
```

```
    ElseIf txtUserName.Text = "" Then
```

```

        MessageBox.Show("User ID yang diinputkan tidak valid!", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error)
        txtUserId.Text = ""
        txtUserId.Focus()
    Else
        Dim ans = MessageBox.Show("Apakah Anda yakin akan menghapus data
" & txtUserId.Text.ToUpper & " ?", "Konfirmasi",
MessageBoxButtons.OKCancel, MessageBoxIcon.Question)
        If ans = 1 Then
            myConn = Konektor()
            myConn.Open()

            Dim sql As String = "DELETE FROM data_user" & _
" WHERE user_id = " & Trim(txtUserId.Text) & " AND id_role <> 1"
            Dim command As SqlCommand = New SqlCommand(sql, myConn)
            Try
                Dim status As Integer = command.ExecuteNonQuery()
                If status = 1 Then
                    DataGrid()
                    kosong()
                    txtUserId.Text = ""
                    MessageBox.Show("Data user berhasil dihapus!", "Informasi",
MessageBoxButtons.OK, MessageBoxIcon.Information)
                Else
                    MessageBox.Show("Data user gagal dihapus!", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error)
                End If
            Catch ex As Exception
                MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
            End Try
        End If
    End Sub

```

```

        End Try
        myConn.Close()
    End If
End If
Label4.Visible = True
txtConPass.Visible = True
txtUserId.Text = ""
kosong()
txtUserId.Focus()
End Sub

```

```

Private Sub txtUserId_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles txtUserId.KeyPress

```

```

    If (Microsoft.VisualBasic.Asc(e.KeyChar) = 13) Then

```

```

        Try

```

```

            myConn = Konektor()

```

```

            myConn.Open()

```

```

            Dim query As String = "SELECT data_user.user_id,
data_user.user_name, data_user.password_user, user_role.role" & _

```

```

                " FROM data_user, user_role" & _

```

```

                " WHERE data_user.user_id = '" & Trim(txtUserId.Text) & "' AND
user_role.id_role = data_user.id_role"

```

```

            Dim command As New SqlCommand(query, myConn)

```

```

            myReader = command.ExecuteReader()

```

```

            If myReader.HasRows Then

```

```

                While myReader.Read()

```

```

                    txtUserName.Text = Trim(myReader.Item("USER_NAME"))

```

```

                    txtPass.Text = Trim(myReader.Item("PASSWORD_USER"))

```

```

                    cmbRole.Text = Trim(myReader.Item("ROLE"))

```

```

                End While

```

```

        Label4.Visible = False
        txtConPass.Visible = False
        Label6.Visible = False
        cmbIdDokter.Visible = False
    Else
        kosong()
        MessageBox.Show("User ID yang diinputkan tidak valid!", "Error",
        MessageBoxButtons.OK, MessageBoxIcon.Error)
        txtUserId.Text = ""
        txtUserId.Focus()
        Label4.Visible = True
        txtConPass.Visible = True
    End If
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
    MsgBoxStyle.OKOnly, "Info")
End Try
myReader.Close()
myConn.Close()
End If
End Sub
Private Sub cmbRole_SelectedIndexChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles cmbRole.SelectedIndexChanged
    If (cmbRole.SelectedItem = "Dokter atau Perawat") Then
        Label6.Visible = True
        cmbIdDokter.Visible = True
        cmbIdDokter.Enabled = True
        cmbIdDokter.Text = ""
    Else
        Label6.Visible = False
    End If
End Sub

```

```

        cmbIdDokter.Visible = False
        Label8.Visible = False
    End If
End Sub

Private Sub cmbIdDokter_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
cmbIdDokter.SelectedIndexChanged
   >NamaDokter()
End Sub
End Class

```

Form Pengelolaan Kamar

```

Imports System.Data
Imports System.Data.SqlClient
Public Class pengelolaanKamar
    Inherits System.Windows.Forms.Form
    Dim myConn As SqlConnection
    Dim myReader As SqlDataReader
    Dim daKamar As SqlDataAdapter
    Dim dsKamar As DataSet

    Public Sub kosong()
        cmbKelasCari.Text = "-----Pilih kelas-----"
        cmbKelas.Text = "-----Pilih kelas-----"
        txtJumlah.Text = ""
        txtHarga.Text = ""
        TxtNokamar.Text = ""
    End Sub

    Public Sub tombolAktif()
        btnTambah.Enabled = True
        btnEdit.Enabled = True
    End Sub

```



```

    btnHapus.Enabled = True
    btnAktif.Enabled = True
    btnCancel.Enabled = True
End Sub
Public Sub DataGrid()
    Try
        myConn = Konektor()
        myConn.Open()
        Dim sqlselect As String = "SELECT no_bed 'NO BED', kelas 'KELAS',
harga_kamar 'HARGA', status_kamar 'STATUS KAMAR', status_hapus
'STATUS HAPUS' , no_kamar 'NO KAMAR'" & _
        " FROM data_kamar"
        daKamar = New SqlDataAdapter(sqlselect, myConn)
        dsKamar = New DataSet
        daKamar.Fill(dsKamar, "DATA_KAMAR")
        DataKamar.DataSource = dsKamar
        DataKamar.DataMember = ("DATA_KAMAR")
        DataKamar.ReadOnly = True
        Me.lblJumlah.Text = Me.BindingContext(dsKamar,
"DATA_KAMAR").Count.ToString
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
    myConn.Close()
End Sub
Public Sub first()
    GroupBox4.Enabled = True
    GroupBox1.Enabled = False
    GroupBox2.Enabled = True

```

```

Label1.Visible = True
cmbKelas.Visible = True
Label2.Visible = True
txtHarga.Visible = True
cmbNonAktif.Visible = False
txtJumlah.Visible = True
Label3.Text = "Jumlah Kamar"
kosong()
cmbKelasCari.Focus()
tombolAktif()
btnCancel.Text = "&Main Menu"
btnTambah.Text = "&Tambah"
btnEdit.Text = "&Edit"
btnHapus.Text = "&Non Aktif"
btnAktif.Text = "&Aktif"
TxtNokamar.Text = ""
TxtNokamar.Focus()
End Sub
Public Function generate_no()
    Dim angka, angka2 As Integer
    angka2 = 0
    Dim noku As String
    Dim n, m As Integer
    Dim no_bed As String
    myConn = Konektor()
    myConn.Open()
    Dim sql As String = "SELECT no_bed FROM data_kamar WHERE kelas =
" & cmbKelas.SelectedItem & ""
    Dim command As SqlCommand = New SqlCommand(sql, myConn)
    Try

```

```

myReader = command.ExecuteReader()
If myReader.HasRows Then
    While myReader.Read()
        noku = Trim(myReader.Item("NO_BED"))
        n = Len(noku)
        m = Len(cmbKelas.SelectedItem) + 2
        angka = CInt(Mid$(noku, m, n))
        If angka2 < angka Then
            angka2 = angka
        End If
    End While
    noku = CStr(angka2 + 1)
    no_bed = cmbKelas.SelectedItem + "-" + CStr(noku)
    Return no_bed
Else : no_bed = cmbKelas.SelectedItem + "-" + "1"
    Return no_bed
End If
myReader.Close()
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
myConn.Close()
End Function

Private Sub btnTambah_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnTambah.Click
    If btnTambah.Text = "&Tambah" Then
        btnEdit.Enabled = False
        btnHapus.Enabled = False
    End If
End Sub

```

```

btnAktif.Enabled = False
GroupBox4.Enabled = False
GroupBox2.Enabled = False
GroupBox1.Enabled = True
kosong()
cmbKelas.Focus()
btnTambah.Text = "&Simpan"
btnCancel.Text = "&Batal"
TxtNokamar.Enabled = True
ElseIf btnTambah.Text = "&Simpan" Then
    If cmbKelas.Text = "-----Pilih kelas-----" And txtJumlah.Text = "" And
txtHarga.Text = "" Then
        MessageBox.Show("Data kamar masih kosong!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        cmbKelas.Focus()
    ElseIf cmbKelas.Text = "-----Pilih kelas-----" Then
        MessageBox.Show("Pilih kelas yang ingin ditambahkan!",
"Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
        cmbKelas.Focus()
    ElseIf txtJumlah.Text = "" Then
        MessageBox.Show("Masukkan jumlah kamar yang ingin
ditambahkan!", "Peringatan", MessageBoxButtons.OK,
MessageBoxIcon.Warning)
        txtJumlah.Focus()
    ElseIf Not (IsNumeric(txtJumlah.Text)) Then
        MessageBox.Show("Jumlah kamar harus angka!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtJumlah.Text = ""
        txtJumlah.Focus()
    ElseIf txtHarga.Text = "" Then

```

```

        MessageBox.Show("Masukkan harga kamar!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtHarga.Focus()
    ElseIf Not (IsNumeric(txtHarga.Text)) Then
        MessageBox.Show("Harga kamar harus angka!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtHarga.Text = ""
        txtHarga.Focus()
    Else
        Dim i As Integer
        Dim jmlh As Integer = CInt(txtJumlah.Text)
        myConn = Konektor()
        myConn.Open()
        Dim ans = MessageBox.Show("Apakah Anda yakin akan
        menambahkan data ini ?", "Konfirmasi", MessageBoxButtons.OKCancel,
        MessageBoxIcon.Question)
        If ans = 1 Then
            For i = 1 To jmlh
                Dim sqlInsert As String = "INSERT INTO
                data_kamar(no_bed,kelas,harga_kamar,status_kamar,status_hapus,no_kamar)" &
                -
                " VALUES(" & Trim(generate_no()) & "," &
                Trim(cmbKelas.SelectedItem) & "," & txtHarga.Text & ",'KOSONG','False'," &
                Trim(TxtNokamar.Text) & ")"
                Dim command As SqlCommand = New SqlCommand(sqlInsert,
                myConn)
                myReader.Close()
            Try
                Dim status As Integer = command.ExecuteNonQuery()
            Catch ex As Exception

```

```

        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
Next
    DataGrid()
End If
    first()
End If
End If
End Sub

Private Sub btnSearch_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnSearch.Click
    If cmbKelasCari.SelectedIndex < 0 Then
        MessageBox.Show("Pilih kelas dulu!", "Petunjuk",
MessageBoxButtons.OK, MessageBoxIcon.Information)
        cmbKelasCari.Focus()
    Else
        Try
            myConn = Konektor()
            myConn.Open()

            Dim query As String = "SELECT no_bed 'NO BED', kelas 'KELAS',
harga_kamar 'HARGA', status_kamar 'STATUS KAMAR', status_hapus
'STATUS HAPUS'" & _
            " FROM data_kamar WHERE kelas LIKE '" &
cmbKelasCari.SelectedItem & ""

            daKamar = New SqlDataAdapter(query, myConn)
            dsKamar = New DataSet
            daKamar.Fill(dsKamar, "DATA_KAMAR")
            DataKamar.DataSource = dsKamar
            DataKamar.DataMember = ("DATA_KAMAR")
        Catch ex As Exception
            MsgBox(ex.Message, MessageBoxButtons.OK, MessageBoxIcon.Information)
        End Try
    End If
End Sub

```

```

        DataKamar.ReadOnly = True
        Me.lblJumlah.Text = Me.BindingContext(dsKamar,
"DATA_KAMAR").Count.ToString
        myConn.Close()
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
End If
End Sub

Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
    DataGrid()
End Sub

Private Sub pengelolaanKamar_Load(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles MyBase.Load
    first()
End Sub

Private Sub btnCancel_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnCancel.Click
    If btnCancel.Text = "&Main Menu" Then
        Me.Close()
    ElseIf btnCancel.Text = "&Batal" Then
        first()
    End If
End Sub

Private Sub btnEdit_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnEdit.Click

```

```

If btnEdit.Text = "&Edit" Then
    btnTambah.Enabled = False
    btnHapus.Enabled = False
    btnAktif.Enabled = False
    GroupBox4.Enabled = False
    GroupBox2.Enabled = False
    GroupBox1.Enabled = True
    cmbKelas.Focus()
    btnEdit.Text = "&Simpan"
    btnCancel.Text = "&Batal"
ElseIf btnEdit.Text = "&Simpan" Then
    Try
        Dim a, b, c As Integer
        If cmbKelas.Text = "-----Pilih kelas-----" Then
            MessageBox.Show("Pilih kelas yang ingin ditambahkan!",
"Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
            cmbKelas.Focus()
            a = 2
            b = 2
            c = 2
        ElseIf txtJumlah.Text = "" And txtHarga.Text = "" Then
            MessageBox.Show("Data kamar belum lengkap!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
            txtJumlah.Focus()
            a = 2
            b = 2
            c = 2
        ElseIf Not txtJumlah.Text = "" And IsNumeric(txtJumlah.Text) = False
Then

```



```

        MessageBox.Show("Jumlah kamar harus angka!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtJumlah.Text = ""
        txtJumlah.Focus()
        a = 2
        b = 2
        c = 2
    ElseIf txtHarga.Text = "" And Not txtJumlah.Text = "" And
    IsNumeric(txtJumlah.Text) = True Then
        Dim i, harga As Integer
        Dim jmlh As Integer = CInt(txtJumlah.Text)
        myConn = Konektor()
        myConn.Open()
        Dim query As String = "SELECT DISTINCT harga_kamar FROM
data_kamar" & _
        " WHERE kelas = " & Trim(cmbKelas.SelectedItem) & """"
        Dim command As New SqlCommand(query, myConn)
        myReader = command.ExecuteReader()
        If myReader.HasRows Then
            While myReader.Read()
                harga = myReader.Item("HARGA_KAMAR")
            End While
        End If
        For i = 1 To jmlh
            Dim sql1 As String = "INSERT INTO
data_kamar(no_bed,kelas,harga_kamar,status_kamar,status_hapus)" & _
            " VALUES(" & Trim(generate_no()) & ", " &
Trim(cmbKelas.SelectedItem) & ", " & harga & ", 'KOSONG', 'False'"
            Dim command1 As SqlCommand = New SqlCommand(sql1,
myConn)

```

```

myReader.Close()
Try
    Dim status1 As Integer = command1.ExecuteNonQuery()
    If status1 > 0 Then
        a = 0
    Else
        MessageBox.Show("Data kamar gagal diedit!", "Error",
        MessageBoxButtons.OK, MessageBoxIcon.Error)
        a = 1
    End If
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
        MsgBoxStyle.OKOnly, "Info")
    End Try
Next
myConn.Close()
ElseIf Not txtHarga.Text = "" And IsNumeric(txtHarga.Text) = False
Then
    MessageBox.Show("Harga kamar harus angka!", "Peringatan",
    MessageBoxButtons.OK, MessageBoxIcon.Warning)
    txtHarga.Text = ""
    txtHarga.Focus()
ElseIf txtJumlah.Text = "" And Not txtHarga.Text = "" And
IsNumeric(txtHarga.Text) = True Then
    myConn = Konektor()
    myConn.Open()
    Dim sql2 As String = "UPDATE data_kamar SET" & _
    " harga_kamar = " & Trim(txtHarga.Text) & "" & _
    " WHERE kelas = " & Trim(cmbKelas.SelectedItem) & ""

```

```

Dim command2 As SqlCommand = New SqlCommand(sql2,
myConn)
Try
    Dim status2 As Integer = command2.ExecuteNonQuery()
    If status2 > 0 Then
        b = 0
    Else
        b = 1
    End If
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
myConn.Close()

ElseIf Not txtJumlah.Text = "" And IsNumeric(txtJumlah.Text) = True
And Not txtHarga.Text = "" And IsNumeric(txtHarga.Text) = True Then
    Dim i As Integer
    Dim jmlh As Integer = CInt(txtJumlah.Text)
    myConn = Konektor()
    myConn.Open()
    For i = 1 To jmlh
        Dim query1 As String = "INSERT INTO
data_kamar(no_bed,kelas,harga_kamar,status_kamar,status_hapus)" & _
        " VALUES(" & Trim(generate_no()) & "," &
Trim(cmbKelas.SelectedItem) & "," & txtHarga.Text & "','KOSONG','False')"
        Dim comm1 As SqlCommand = New SqlCommand(query1,
myConn)
        myReader.Close()
    Try
        Dim stat1 As Integer = comm1.ExecuteNonQuery()

```

```

        Catch ex As Exception
            MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
        End Try
    Next

    Dim query2 As String = "UPDATE data_kamar SET" & _
" harga_kamar = " & Trim(txtHarga.Text) & "" & _
" WHERE kelas = " & Trim(cmbKelas.SelectedItem) & ""
    Dim comm2 As SqlCommand = New SqlCommand(query2,
myConn)
    Try
        Dim stat2 As Integer = comm2.ExecuteNonQuery()
        If stat2 > 0 Then
            c = 0
        Else
            c = 1
        End If
        Catch ex As Exception
            MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
        End Try
        myConn.Close()
    End If

    If a = 0 Or b = 0 Or c = 0 Then
        DataGrid()
        kosong()
        MessageBox.Show("Data kamar berhasil diedit!", "Informasi",
MessageBoxButtons.OK, MessageBoxIcon.Information)
    End If

```

```

        first()
    ElseIf a = 1 Or b = 1 Or c = 1 Then
        MessageBox.Show("Data kamar gagal diedit!", "Error",
        MessageBoxButtons.OK, MessageBoxIcon.Error)
        first()
    End If
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
    MsgBoxStyle.OKOnly, "Info")
End Try
End If
End Sub

Private Sub btnHapus_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnHapus.Click
    If btnHapus.Text = "&Non Aktif" Then
        btnTambah.Enabled = False
        btnEdit.Enabled = False
        btnAktif.Enabled = False
        GroupBox4.Enabled = False
        GroupBox1.Enabled = True
        Label1.Visible = False
        cmbKelas.Visible = False
        Label2.Visible = False
        txtHarga.Visible = False
        Label3.Text = "No. Bed"
        txtJumlah.Focus()
        btnHapus.Text = "&Simpan"
        btnCancel.Text = "&Batal"
    ElseIf btnHapus.Text = "&Simpan" Then
        If txtJumlah.Text = "" Then

```

```

        MessageBox.Show("Masukkan no. bed yang ingin dinonaktifkan!",
"Petunjuk", MessageBoxButtons.OK, MessageBoxIcon.Information)
        txtJumlah.Focus()
    Else
        myConn = Konektor()
        myConn.Open()

        Dim sql1 As String = "SELECT no_bed FROM data_kamar" & _
        " WHERE no_bed = " & txtJumlah.Text & ""
        Dim command1 As SqlCommand = New SqlCommand(sql1, myConn)
        myReader = command1.ExecuteReader
        If myReader.HasRows Then
            While myReader.Read

                End While
            myReader.Close()
            Dim sql2 As String = "SELECT no_bed FROM data_kamar" & _
            " WHERE no_bed = " & txtJumlah.Text & " AND status_kamar =
'KOSONG'"
            Dim command2 As SqlCommand = New SqlCommand(sql2,
myConn)
            myReader = command2.ExecuteReader
            If myReader.HasRows Then
                While myReader.Read

                    End While
                myReader.Close()
                Dim ans = MessageBox.Show("Apakah Anda yakin akan
menonaktifkan kamar " & txtJumlah.Text.ToUpper & " ?", "Konfirmasi",
MessageBoxButtons.OKCancel, MessageBoxIcon.Question)

```

```

If ans = 1 Then
    'update status
    Dim sql3 As String = "UPDATE data_kamar SET" & _
    " STATUS_HAPUS = 'True'" & _
    " WHERE no_bed = '" & txtJumlah.Text & "'"
    Dim command3 As SqlCommand = New SqlCommand(sql3,
myConn)

    Try
        Dim status3 As Integer = command3.ExecuteNonQuery()
        If status3 > 0 Then
            DataGrid()
            kosong()
            MessageBox.Show("Data kamar berhasil dinonaktifkan!",
"Informasi", MessageBoxButtons.OK, MessageBoxIcon.Information)
        Else
            MessageBox.Show("Data kamar gagal dinonaktifkan!",
"Error", MessageBoxButtons.OK, MessageBoxIcon.Error)
        End If
        Catch ex As Exception
            MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
        End Try
        myConn.Close()
    End If
    first()
Else
    MessageBox.Show("Kamar gagal dinonaktifkan karena masih
digunakan!", "Error", MessageBoxButtons.OK, MessageBoxIcon.Error)
    txtJumlah.Text = ""
    txtJumlah.Focus()

```

```

        End If
    Else
        MessageBox.Show("No. bed yang diinputkan tidak valid!", "Error",
        MessageBoxButtons.OK, MessageBoxIcon.Error)
        txtJumlah.Text = ""
        txtJumlah.Focus()
    End If
End If
End If
End Sub
Public Sub noBed()
    cmbNonAktif.Items.Clear()
    myConn = Konektor()
    myConn.Open()
    Dim sql As String = "SELECT no_bed FROM data_kamar" & _
    " WHERE status_hapus = 'True'"
    Dim command As New SqlCommand(sql, myConn)
    myReader = command.ExecuteReader()
    If myReader.HasRows Then
        While myReader.Read()
            cmbNonAktif.Items.Add(Trim(myReader.Item("NO_BED")))
        End While
    End If
    myReader.Close()
    myConn.Close()
End Sub
Private Sub btnAktif_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnAktif.Click
    If btnAktif.Text = "&Aktif" Then
        btnTambah.Enabled = False
    End If
End Sub

```



```

btnEdit.Enabled = False
btnHapus.Enabled = False
GroupBox4.Enabled = False
GroupBox1.Enabled = True
Label1.Visible = False
cmbKelas.Visible = False
Label2.Visible = False
txtHarga.Visible = False
txtJumlah.Visible = False
Label3.Text = "No. Bed"
cmbNonAktif.Visible = True
noBed()
cmbNonAktif.Focus()
btnAktif.Text = "&Simpan"
btnCancel.Text = "&Batal"
ElseIf btnAktif.Text = "&Simpan" Then
    If cmbNonAktif.SelectedIndex < 0 Then
        MessageBox.Show("Pilih no. bed yang ingin diaktifkan!", "Petunjuk",
        MessageBoxButtons.OK, MessageBoxIcon.Information)
        cmbNonAktif.Focus()
    Else
        Dim ans = MessageBox.Show("Apakah Anda yakin akan mengaktifkan
        kamar " & cmbNonAktif.Text & " ?", "Konfirmasi",
        MessageBoxButtons.OKCancel, MessageBoxIcon.Question)
        If ans = 1 Then
            myConn = Konektor()
            myConn.Open()
            Dim sql3 As String = "UPDATE data_kamar SET" & _
            " STATUS_HAPUS = 'False'" & _
            " WHERE no_bed = '" & cmbNonAktif.SelectedItem & "'"

```

```

        Dim command3 As SqlCommand = New SqlCommand(sql3,
myConn)
    Try
        Dim status3 As Integer = command3.ExecuteNonQuery()
        If status3 > 0 Then
            DataGrid()
            kosong()
            MessageBox.Show("Data kamar berhasil diaktifkan!",
"Informasi", MessageBoxButtons.OK, MessageBoxIcon.Information)
        Else
            MessageBox.Show("Data kamar gagal diaktifkan!", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error)
        End If
        Catch ex As Exception
            MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
        End Try
        myConn.Close()
    End If
    first()
End If
End If
End Sub
End Class

```

Form Pengelolaan Dokter

```

Imports System.Data
Imports System.Data.SqlClient
Public Class pengelolaanDokter
    Inherits System.Windows.Forms.Form

```

```

Dim myConn As SqlConnection
    Dim myReader As SqlDataReader
    Dim daDokter As SqlDataAdapter
    Dim dsDokter As DataSet
    Public Sub DataGrid()
        myConn = Konektor()
        myConn.Open()
        Dim query As String = "SELECT bidang_dokter.bidang 'BIDANG',
data_dokter.id_dokter 'ID', data_dokter.nama_dokter 'NAMA'," & _
        " data_dokter.alamat_dokter 'ALAMAT', data_dokter.telp_dokter
'NO.TELP', data_dokter.hp_dokter 'NO.HP'" & _
        " FROM data_dokter, bidang_dokter WHERE data_dokter.id_bidang =
bidang_dokter.id_bidang AND data_dokter.id_dokter != 'DR0'" & _
        " AND data_dokter.status != 'Non Aktif'"
        daDokter = New SqlDataAdapter(query, myConn)
        dsDokter = New DataSet
        daDokter.Fill(dsDokter, "DATA_DOKTER")
        DataDokter.DataSource = dsDokter
        DataDokter.DataMember = ("DATA_DOKTER")
        DataDokter.ReadOnly = True
        Me.lblJumlah.Text = Me.BindingContext(dsDokter,
"DATA_DOKTER").Count.ToString
        myConn.Close()
    End Sub

    Public Sub kosong()
        txtNama.Text = ""
        txtAlamat.Text = ""
        txtTelp.Text = ""
        txtHp.Text = ""
    End Sub

```

```
    cmbBidang.Text = "-----Pilih Bidang-----"  
End Sub
```

```
Public Sub tombolAktif()  
    btnTambah.Enabled = True  
    btnEdit.Enabled = True  
    btnHapus.Enabled = True  
    btnReset.Enabled = True  
    btnCancel.Enabled = True  
End Sub
```

```
Public Sub nonaktif()  
    txtNama.Enabled = False  
    txtAlamat.Enabled = False  
    txtTelp.Enabled = False  
    txtHp.Enabled = False  
    cmbBidang.Enabled = False  
End Sub
```

```
Public Sub aktif()  
    txtNama.Enabled = True  
    txtAlamat.Enabled = True  
    txtTelp.Enabled = True  
    txtHp.Enabled = True  
    cmbBidang.Enabled = True  
End Sub
```

```
Public Sub Bidang()  
    myConn = Konektor()  
    myConn.Open()
```

```

Dim sql As String = "SELECT bidang FROM bidang_dokter" & _
" WHERE id_bidang != 0"
Dim command As New SqlCommand(sql, myConn)
myReader = command.ExecuteReader()
If myReader.HasRows Then
    While myReader.Read()
        cmbBidang.Items.Add(Trim(myReader.Item("BIDANG")))
    End While
End If
myReader.Close()
myConn.Close()
End Sub

```

```

Public Sub generate_id()
    Dim angka, angka2 As Integer
    angka2 = 0
    Dim noku As String
    Dim nokus As String
    Dim n As Integer
    myConn = Konektor()
    myConn.Open()
    Dim sql As String = "SELECT id_dokter FROM data_dokter"
    Dim command As SqlCommand = New SqlCommand(sql, myConn)
    Try
        myReader = command.ExecuteReader()
        If myReader.HasRows Then
            While myReader.Read()
                noku = Trim(myReader.Item("ID_DOKTER"))
                n = Len(noku)
                angka = CInt(Mid$(noku, 3, n))
            End While
        End If
    Catch ex As Exception
    End Try
End Sub

```

```

        If angka2 <= angka Then
            angka2 = angka
        End If
    End While
    noku = CStr(angka2 + 1)
    nokus = "DR" + CStr(noku)
    txtId.Text = nokus
Else : nokus = "DR1"
    txtId.Text = nokus
End If
myReader.Close()
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
myConn.Close()
End Sub

```

```

Private Sub txtId_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles txtId.KeyPress

```

```

    If (Microsoft.VisualBasic.Asc(e.KeyChar) = 13) Then
        myConn = Konektor()
        myConn.Open()
        Dim query As String = "SELECT data_dokter.nama_dokter,
data_dokter.alamat_dokter, data_dokter.telp_dokter," & _
            " data_dokter.hp_dokter, bidang_dokter.bidang FROM data_dokter,
bidang_dokter" & _
            " WHERE data_dokter.id_dokter = '" & txtId.Text & "' AND
bidang_dokter.id_bidang = data_dokter.id_bidang AND" & _
            " data_dokter.id_dokter <> 'DR0'"

```

```

Dim command As New SqlCommand(query, myConn)
myReader = command.ExecuteReader()
If myReader.HasRows Then
    While myReader.Read()
        txtNama.Text = Trim(myReader.Item("NAMA_DOKTER"))
        txtAlamat.Text = Trim(myReader.Item("ALAMAT_DOKTER"))
        txtTelp.Text = Trim(myReader.Item("TELP_DOKTER"))
        txtHp.Text = Trim(myReader.Item("HP_DOKTER"))
        cmbBidang.Text = Trim(myReader.Item("BIDANG"))
    End While
    myReader.Close()
Else
    kosong()
    MessageBox.Show("ID dokter yang diinputkan tidak valid!", "Error",
    MessageBoxButtons.OK, MessageBoxIcon.Error)
    txtId.Text = ""
    txtId.Focus()
End If
myConn.Close()
Else

End If
End Sub

Private Sub pengelolaanDokter_Load(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles MyBase.Load
    kosong()
    txtId.Focus()
    nonaktif()
    DataGrid()

```

```
Bidang()  
End Sub
```

```
Private Sub btnReset_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles btnReset.Click  
    If btnTambah.Text = "&Simpan" Or btnEdit.Text = "&Simpan" Then  
        kosong()  
        txtNama.Focus()  
    Else  
        first()  
    End If  
End Sub
```

```
Public Sub first()  
    txtId.Enabled = True  
    txtId.Text = ""  
    kosong()  
    txtId.Focus()  
    nonaktif()  
    tombolAktif()  
    btnCancel.Text = "&Main Menu"  
    btnTambah.Text = "&Tambah"  
    btnEdit.Text = "&Edit"  
End Sub
```

```
Private Sub btnCancel_Click(ByVal sender As System.Object, ByVal e As  
System.EventArgs) Handles btnCancel.Click  
    If btnCancel.Text = "&Main Menu" Then  
        Me.Close()  
    ElseIf btnCancel.Text = "&Batal" Then
```



```

    first()
End If
End Sub

```

```

Private Sub btnTambah_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnTambah.Click

```

```

    If btnTambah.Text = "&Tambah" Then

```

```

        btnEdit.Enabled = False
        btnHapus.Enabled = False
        generate_id()
        txtId.Enabled = False
        aktif()
        kosong()
        txtNama.Focus()
        btnTambah.Text = "&Simpan"
        btnCancel.Text = "&Batal"

```

```

    ElseIf btnTambah.Text = "&Simpan" Then

```

```

        If txtNama.Text = "" And txtAlamat.Text = "" And cmbBidang.Text = "---
-----Pilih Bidang-----" Then

```

```

            MessageBox.Show("Data dokter belum lengkap!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)

```

```

            txtNama.Focus()

```

```

            ElseIf txtNama.Text = "" Then

```

```

                MessageBox.Show("Masukkan nama dokter!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)

```

```

                txtNama.Focus()

```

```

            ElseIf txtAlamat.Text = "" Then

```

```

                MessageBox.Show("Masukkan alamat dokter!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)

```

```

                txtAlamat.Focus()

```

```

ElseIf cmbBidang.Text = "-----Pilih Bidang-----"
Then
    MessageBox.Show("Pilih bidang dokter!", "Peringatan",
    MessageBoxButtons.OK, MessageBoxIcon.Warning)
    cmbBidang.Focus()
ElseIf Not txtTelp.Text = "" And (IsNumeric(txtTelp.Text)) = False Then
    MessageBox.Show("No. telp harus angka!", "Peringatan",
    MessageBoxButtons.OK, MessageBoxIcon.Warning)
    txtTelp.Text = ""
    txtTelp.Focus()
ElseIf Not txtHp.Text = "" And (IsNumeric(txtHp.Text)) = False Then
    MessageBox.Show("No. hp harus angka!", "Peringatan",
    MessageBoxButtons.OK, MessageBoxIcon.Warning)
    txtHp.Text = ""
    txtHp.Focus()
Else
    Dim ans = MessageBox.Show("Apakah Anda yakin akan
    menambahkan data ini ?", "Konfirmasi", MessageBoxButtons.OKCancel,
    MessageBoxIcon.Question)
    If ans = 1 Then
        myConn = Konektor()
        myConn.Open()

        Dim sql As String = "INSERT INTO data_dokter(id_dokter,
        nama_dokter, alamat_dokter, telp_dokter, hp_dokter, id_bidang, status)" & _
        " VALUES(" & Trim(txtId.Text) & "," & Trim(txtNama.Text) &
        "," & Trim(txtAlamat.Text) & "," & Trim(txtTelp.Text) & "," &
        Trim(txtHp.Text) & "," & _
        "' & getIdBidangKu(cmbBidang.SelectedItem) & ', 'Aktif'"
        Dim command As SqlCommand = New SqlCommand(sql, myConn)

```

```

Try
    Dim status As Integer = command.ExecuteNonQuery()
    If status = 1 Then
        DataGrid()
        kosong()
        txtId.Text = ""
        MessageBox.Show("Data dokter berhasil ditambahkan!",
"Informasi", MessageBoxButtons.OK, MessageBoxIcon.Information)
    Else
        MessageBox.Show("Data dokter gagal ditambahkan!", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error)
    End If
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
    myConn.Close()
End If
first()
End If
End If
End Sub

```

```

Private Sub btnEdit_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnEdit.Click
    If txtId.Text = "" Then
        MessageBox.Show("Masukkan ID dokter yang ingin diedit, tekan
<ENTER> kemudian kembali tekan <Edit>", "Petunjuk",
MessageBoxButtons.OK, MessageBoxIcon.Information)
        txtId.Focus()
    End If
End Sub

```

```

ElseIf btnEdit.Text = "&Edit" Then
    If txtNama.Text = "" Then
        MessageBox.Show("ID dokter yang diinputkan tidak valid!", "Error",
        MessageBoxButtons.OK, MessageBoxIcon.Error)
        txtId.Text = ""
        txtId.Focus()
    Else
        btnTambah.Enabled = False
        btnHapus.Enabled = False
        txtId.Enabled = False
        aktif()
        txtNama.Focus()
        btnEdit.Text = "&Simpan"
        btnCancel.Text = "&Batal"
    End If
ElseIf btnEdit.Text = "&Simpan" Then
    If txtNama.Text = "" And txtAlamat.Text = "" And cmbBidang.Text = "---
-----Pilih Bidang-----" Then
        MessageBox.Show("Data dokter belum lengkap!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtNama.Focus()
    ElseIf txtNama.Text = "" Then
        MessageBox.Show("Masukkan nama dokter!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtNama.Focus()
    ElseIf txtAlamat.Text = "" Then
        MessageBox.Show("Masukkan alamat dokter!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtAlamat.Focus()

```

```

ElseIf cmbBidang.Text = "-----Pilih Bidang-----"
Then
    MessageBox.Show("Pilih bidang dokter!", "Peringatan",
    MessageBoxButtons.OK, MessageBoxIcon.Warning)
    cmbBidang.Focus()
    ElseIf Not txtTelp.Text = "" And (IsNumeric(txtTelp.Text)) = False Then
        MessageBox.Show("No. telp harus angka!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtTelp.Text = ""
        txtTelp.Focus()
    ElseIf Not txtHp.Text = "" And (IsNumeric(txtHp.Text)) = False Then
        MessageBox.Show("No. hp harus angka!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtHp.Text = ""
        txtHp.Focus()
    Else
        myConn = Konektor()
        myConn.Open()
        Dim sql As String = "UPDATE data_dokter SET" & _
        " nama_dokter = " & Trim(txtNama.Text) & ", alamat_dokter = " &
Trim(txtAlamat.Text) & ", telp_dokter = " & Trim(txtTelp.Text) & "," & _
        " hp_dokter = " & Trim(txtHp.Text) & ", id_bidang = " &
getlDbidangKu(cmbBidang.SelectedItem) & "" & _
        " WHERE id_dokter = " & Trim(txtId.Text) & ""
        Dim command As SqlCommand = New SqlCommand(sql, myConn)
        Try
            Dim status As Integer = command.ExecuteNonQuery()
            If status = 1 Then
                DataGrid()
                kosong()
            End If
        Catch
        End Try
    End If
End Sub

```

```

        txtId.Text = ""
        MessageBox.Show("Data dokter berhasil diedit!", "Informasi",
        MessageBoxButtons.OK, MessageBoxIcon.Information)
    Else
        MessageBox.Show("Data dokter gagal diedit!", "Error",
        MessageBoxButtons.OK, MessageBoxIcon.Error)
    End If
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
        MsgBoxStyle.OKOnly, "Info")
    End Try
    myConn.Close()
    first()
    End If
End If
End Sub

```

Private Sub btnHapus_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnHapus.Click

```

    If txtId.Text = "" Then
        MessageBox.Show("Masukkan ID dokter yang ingin dihapus, tekan
        <ENTER> kemudian kembali tekan <Hapus>", "Petunjuk",
        MessageBoxButtons.OK, MessageBoxIcon.Information)
        txtId.Focus()
    ElseIf txtNama.Text = "" Then
        MessageBox.Show("ID dokter yang diinputkan tidak valid!", "Error",
        MessageBoxButtons.OK, MessageBoxIcon.Error)
        txtId.Text = ""
        txtId.Focus()
    Else

```

```

Dim ans = MessageBox.Show("Apakah Anda yakin akan menghapus data
" & txtId.Text.ToUpper & " ?", "Konfirmasi", MessageBoxButtons.OKCancel,
MessageBoxIcon.Question)
If ans = 1 Then
    myConn = Konektor()
    myConn.Open()

    'Dim sql As String = "DELETE FROM data_dokter" & _
    "" WHERE id_dokter = "" & Trim(txtId.Text) & ""
    Dim sql As String = "UPDATE data_dokter SET" & _
    " status = 'Non Aktif'" & _
    " WHERE id_dokter = "" & Trim(txtId.Text) & ""
    Dim command As SqlCommand = New SqlCommand(sql, myConn)
    Try
        Dim status As Integer = command.ExecuteNonQuery()
        If status = 1 Then
            DataGrid()
            kosong()
            txtId.Text = ""
            MessageBox.Show("Data dokter berhasil dihapus!", "Informasi",
MessageBoxButtons.OK, MessageBoxIcon.Information)
        Else
            MessageBox.Show("Data dokter gagal dihapus!", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error)
        End If
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
    myConn.Close()

```

```

        End If
    End If
    kosong()
    txtId.Text = ""
    txtId.Focus()
End Sub
End Class

```

Form Menu Petugas

```

Public Class menuPetugasDaftar
    Inherits System.Windows.Forms.Form
    Private Sub MenuItem6_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MenuItem6.Click
        Dim mYes_No As String = MsgBox("Anda yakin ingin keluar ?", vbYesNo,
"Informasi")
        If mYes_No = vbYes Then
            Dim frm1 As New welcome
            frm1.Show()
            Me.Close()
        End If
    End Sub
    Private Sub menuPetugasDaftar_Load(ByVal sender As System.Object, ByVal
e As System.EventArgs) Handles MyBase.Load
        Me.IsMdiContainer = True
    End Sub
    Private Sub MenuItem2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MenuItem2.Click
        Dim form_Pasien As New pengelolaanPasien
        form_Pasien.Show()
        Me.Close()
    End Sub

```



```

End Sub
Private Sub MenuItem3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MenuItem3.Click
    Dim form_Daftar As New daftarPasien
    form_Daftar.Show()
    Me.Close()
End Sub
Private Sub MenuItem5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MenuItem5.Click
    Dim form_Pulang As New kepulauanPasien
    form_Pulang.Show()
    Me.Close()
End Sub
End Class

```

Form Pengelolaan Pasien

```

Imports System.Data
Imports System.Data.SqlClient
Public Class pengelolaanPasien
    Inherits System.Windows.Forms.Form
Dim myConn As SqlConnection
    Dim myReader As SqlDataReader
    Dim daPasien As SqlDataAdapter
    Dim dsPasien As DataSet
    Dim jenisKelamin As String
    Dim golDarah As String
    Public Sub kosong()
        txtNoCari.Text = ""
        lblNo.Text = ""
        txtNamaPasien.Text = ""
    End Sub

```

```

txtAlamatPasien.Text = ""
txtTelpPasien.Text = ""
rbPerempuan.Select()
txtUmurPasien.Text = ""
rbA.Select()
txtNamaKeluarga.Text = ""
txtAlamatKeluarga.Text = ""
txtTelpKeluarga.Text = ""
End Sub

Public Sub tombolAktif()
    btnTambah.Enabled = True
    btnEdit.Enabled = True
    btnCancel.Enabled = True
End Sub

Public Sub nonaktif()
    GroupBox1.Enabled = False
    GroupBox2.Enabled = False
End Sub

Public Sub aktif()
    GroupBox1.Enabled = True
    GroupBox2.Enabled = True
End Sub

Public Sub DataGrid()
    myConn = Konektor()
    myConn.Open()
    Dim sqlselect As String = "SELECT no_kartu 'NO.KARTU', nama_pasien
'NAMA', alamat_pasien 'ALAMAT'," & _

```

```

    " telp_pasien 'NO.TELP', jenis_kelamin_pasien 'JENIS KELAMIN',
umur_pasien 'UMUR', golongan_darah_pasien 'GOL.DARAH'," & _
    " nama_keluarga 'NAMA KELUARGA', alamat_keluarga 'ALAMAT
KELUARGA', telp_keluarga 'NO.TELP KELUARGA' FROM data_pasien"
    daPasien = New SqlDataAdapter(sqlselect, myConn)
    dsPasien = New DataSet
    daPasien.Fill(dsPasien, "DATA_PASIEN")
    DataPasien.DataSource = dsPasien
    DataPasien.DataMember = ("DATA_PASIEN")
    DataPasien.ReadOnly = True
    Me.lblJumlah.Text = Me.BindingContext(dsPasien,
"DATA_PASIEN").Count.ToString
    myConn.Close()
End Sub
Public Sub first()
    kosong()
    nonaktif()
    tombolAktif()
    btnTambah.Text = "&Tambah"
    btnEdit.Text = "&Edit"
    btnCancel.Text = "&Main Menu"
    GroupBox5.Enabled = True
    txtNoCari.Focus()
End Sub
Public Sub generateNo()
    Dim tahun, bulan As String
    tahun = Now.ToString("yy")
    bulan = Now.ToString("MM")

    Dim angka As Integer = 0

```

```

Dim no_kartu As String
myConn = Konektor()
myConn.Open()
Dim sql = "SELECT SUBSTRING(no_kartu, 5, 3) 'NO_KARTU' FROM
data_pasien" & _
" WHERE SUBSTRING(no_kartu, 1, 2) = '" & tahun & "' AND
SUBSTRING(no_kartu, 3, 2) = '" & bulan & "'"
Dim command As SqlCommand = New SqlCommand(sql, myConn)
Try
myReader = command.ExecuteReader
If myReader.HasRows Then
While myReader.Read
If IsDBNull(myReader.Item("NO_KARTU")) = False Then
angka = Trim(myReader.Item("NO_KARTU"))
Else
angka = 0
End If
End While
angka = angka + 1
no_kartu = CStr(angka)
If angka < 10 Then
lblNo.Text = tahun & bulan & "00" & no_kartu
ElseIf angka >= 10 And angka < 100 Then
lblNo.Text = tahun & bulan & "0" & no_kartu
ElseIf angka >= 100 Then
lblNo.Text = tahun & bulan & no_kartu
End If
Else : no_kartu = "001"
lblNo.Text = tahun & bulan & no_kartu
End If

```

```

        myReader.Close()
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
    myConn.Close()
End Sub

Private Sub rbPerempuan_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles rbPerempuan.CheckedChanged
    jenisKelamin = "Perempuan"
End Sub

Private Sub rbLelaki_CheckedChanged(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles rbLelaki.CheckedChanged
    jenisKelamin = "Laki-laki"
End Sub

Private Sub rbA_CheckedChanged(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles rbA.CheckedChanged
    golDarah = "A"
End Sub

Private Sub rbB_CheckedChanged(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles rbB.CheckedChanged
    golDarah = "B"
End Sub

Private Sub rbAB_CheckedChanged(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles rbAB.CheckedChanged
    golDarah = "AB"

```

End Sub

```
Private Sub rbO_CheckedChanged(ByVal sender As System.Object, ByVal e  
As System.EventArgs) Handles rbO.CheckedChanged
```

```
    golDarah = "O"
```

```
End Sub
```

```
Private Sub pengelolaanPasiien_Load(ByVal sender As System.Object, ByVal e  
As System.EventArgs) Handles MyBase.Load
```

```
    DataGrid()
```

```
    first()
```

```
End Sub
```

```
Private Sub txtNoCari_KeyPress(ByVal sender As Object, ByVal e As  
System.Windows.Forms.KeyPressEventArgs) Handles txtNoCari.KeyPress
```

```
    If (Microsoft.VisualBasic.Asc(e.KeyChar) = 13) Then
```

```
        If txtNoCari.Text = "" Then
```

```
            MessageBox.Show("Masukkan no kartu pasien yang ingin dicari!",  
"Petunjuk", MessageBoxButtons.OK, MessageBoxIcon.Information)
```

```
            txtNoCari.Focus()
```

```
        Else
```

```
            Try
```

```
                myConn = Konektor()
```

```
                myConn.Open()
```

```
                Dim query As String = "SELECT * FROM data_pasien" & _
```

```
                " WHERE no_kartu = " & Trim(txtNoCari.Text) & ""
```

```
                Dim command As New SqlCommand(query, myConn)
```

```
                myReader = command.ExecuteReader()
```

```
                If myReader.HasRows Then
```

```
                    While myReader.Read()
```

```
                        lblNo.Text = Trim(myReader.Item("NO_KARTU"))
```

```

        txtNamaPasien.Text =
Trim(myReader.Item("NAMA_PASIEN"))
        txtAlamatPasien.Text =
Trim(myReader.Item("ALAMAT_PASIEN"))
        txtTelpPasien.Text = Trim(myReader.Item("TELP_PASIEN"))
        jenisKelamin =
Trim(myReader.Item("JENIS_KELAMIN_PASIEN"))
        If jenisKelamin.ToString = "Perempuan" Then
            rbPerempuan.Checked = True
        Else
            rbLelaki.Checked = True
        End If
        txtUmurPasien.Text =
Trim(myReader.Item("UMUR_PASIEN"))
        golDarah =
Trim(myReader.Item("GOLONGAN_DARAH_PASIEN"))
        If golDarah.ToString = "A" Then
            rbA.Checked = True
        ElseIf golDarah.ToString = "B" Then
            rbB.Checked = True
        ElseIf golDarah.ToString = "AB" Then
            rbAB.Checked = True
        ElseIf golDarah.ToString = "O" Then
            rbO.Checked = True
        End If
        txtNamaKeluarga.Text =
Trim(myReader.Item("NAMA_KELUARGA"))
        txtAlamatKeluarga.Text =
Trim(myReader.Item("ALAMAT_KELUARGA"))

```

```

        txtTelpKeluarga.Text =
Trim(myReader.Item("TELP_KELUARGA"))
        End While
        nonaktif()
    Else
        MessageBox.Show("No kartu yang Anda inputkan tidak valid!",
"Informasi", MessageBoxButtons.OK, MessageBoxIcon.Information)
        first()
    End If
    myReader.Close()
    myConn.Close()
    DataGrid()
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
End If
End If
End Sub

Private Sub btnTambah_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnTambah.Click
    If btnTambah.Text = "&Tambah" Then
        btnEdit.Enabled = False
        aktif()
        kosong()
        txtNamaPasien.Focus()
        generateNo()
        GroupBox5.Enabled = False
        btnTambah.Text = "&Simpan"
        btnCancel.Text = "&Batal"
    End If
End Sub

```



```

ElseIf btnTambah.Text = "&Simpan" Then
    If txtNamaPasien.Text = "" And txtAlamatPasien.Text = "" And
txtUmurPasien.Text = "" Then
        MessageBox.Show("Data pasien belum lengkap!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtNamaPasien.Focus()
    ElseIf txtNamaPasien.Text = "" Then
        MessageBox.Show("Masukkan nama pasien dulu!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtNamaPasien.Focus()
    ElseIf txtAlamatPasien.Text = "" Then
        MessageBox.Show("Masukkan alamat pasien dulu!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtAlamatPasien.Focus()
    ElseIf txtUmurPasien.Text = "" Then
        MessageBox.Show("Masukkan umur pasien dulu!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtUmurPasien.Focus()
    ElseIf Not (IsNumeric(txtUmurPasien.Text)) Then
        MessageBox.Show("Umur pasien harus angka!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtUmurPasien.Text = ""
        txtUmurPasien.Focus()
    ElseIf CInt(txtUmurPasien.Text) >= 120 Or CInt(txtUmurPasien.Text) < 0
Then
        MessageBox.Show("Umur pasien tidak valid!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtUmurPasien.Text = ""
        txtUmurPasien.Focus()
    ElseIf Not (rbLelaki.Checked Or rbPerempuan.Checked) Then

```

```

        MessageBox.Show("Jenis kelamin pasien belum dipilih!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        rbLelaki.Focus()
        ElseIf Not txtTelpPasien.Text = "" And IsNumeric(txtTelpPasien.Text) =
        False Then
            MessageBox.Show("No. telp pasien harus angka!", "Peringatan",
            MessageBoxButtons.OK, MessageBoxIcon.Warning)
            txtTelpPasien.Text = ""
            txtTelpPasien.Focus()
        ElseIf Not txtTelpKeluarga.Text = "" And
        IsNumeric(txtTelpKeluarga.Text) = False Then
            MessageBox.Show("No. telp keluarga pasien harus angka!",
            "Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
            txtTelpKeluarga.Text = ""
            txtTelpKeluarga.Focus()
        Else
            Dim ans = MessageBox.Show("Apakah Anda yakin akan
            menambahkan data ini ?", "Konfirmasi", MessageBoxButtons.OKCancel,
            MessageBoxIcon.Question)
            If ans = 1 Then
                myConn = Konektor()
                myConn.Open()

                Dim sql As String = "INSERT INTO data_pasien(no_kartu,
                nama_pasien, alamat_pasien, telp_pasien, jenis_kelamin_pasien," & _
                " umur_pasien, golongan_darah_pasien, nama_keluarga,
                alamat_keluarga, telp_keluarga)" & _
                " VALUES(" & Trim(lblNo.Text) & ", " &
                Trim(txtNamaPasien.Text) & ", " & Trim(txtAlamatPasien.Text) & ", " & _

```

```

        " " & Trim(txtTelpPasien.Text) & ", " & jenisKelamin & ", " &
Trim(txtUmurPasien.Text) & ", " & golDarah & ", " &
Trim(txtNamaKeluarga.Text) & "," & _
        " " & Trim(txtAlamatKeluarga.Text) & ", " &
Trim(txtTelpKeluarga.Text) & ")"
    Dim command As SqlCommand = New SqlCommand(sql, myConn)
    Try
        Dim status As Integer = command.ExecuteNonQuery()
        If status = 1 Then
            DataGrid()
            MessageBox.Show("Data pasien berhasil ditambahkan!",
"Informasi", MessageBoxButtons.OK, MessageBoxIcon.Information)
        Else
            MessageBox.Show("Data pasien gagal ditambahkan!", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error)
        End If
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
    myConn.Close()
End If
first()
End If
End If
End Sub

Private Sub btnEdit_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnEdit.Click
    If txtNoCari.Text = "" Then

```

```
        MessageBox.Show("Masukkan no kartu pasien yang ingin diedit,  
kemudian tekan <Enter>", "Petunjuk", MessageBoxButtons.OK,  
MessageBoxIcon.Information)
```

```
        txtNoCari.Focus()
```

```
    ElseIf btnEdit.Text = "&Edit" Then
```

```
        btnTambah.Enabled = False
```

```
        aktif()
```

```
        GroupBox5.Enabled = False
```

```
        txtNamaPasien.Focus()
```

```
        btnEdit.Text = "&Simpan"
```

```
        btnCancel.Text = "&Batal"
```

```
    ElseIf btnEdit.Text = "&Simpan" Then
```

```
        myConn = Konektor()
```

```
        myConn.Open()
```

```
        If txtNamaPasien.Text = "" And txtAlamatPasien.Text = "" And  
txtUmurPasien.Text = "" Then
```

```
            MessageBox.Show("Data pasien belum lengkap!", "Peringatan",  
MessageBoxButtons.OK, MessageBoxIcon.Warning)
```

```
            txtNamaPasien.Focus()
```

```
        ElseIf txtNamaPasien.Text = "" Then
```

```
            MessageBox.Show("Masukkan nama pasien dulu!", "Peringatan",  
MessageBoxButtons.OK, MessageBoxIcon.Warning)
```

```
            txtNamaPasien.Focus()
```

```
        ElseIf txtAlamatPasien.Text = "" Then
```

```
            MessageBox.Show("Masukkan alamat pasien dulu!", "Peringatan",  
MessageBoxButtons.OK, MessageBoxIcon.Warning)
```

```
            txtAlamatPasien.Focus()
```

```
        ElseIf txtUmurPasien.Text = "" Then
```

```

        MessageBox.Show("Masukkan umur pasien dulu!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtUmurPasien.Focus()
    ElseIf Not (IsNumeric(txtUmurPasien.Text)) Then
        MessageBox.Show("Umur pasien harus angka!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtUmurPasien.Text = ""
        txtUmurPasien.Focus()
    ElseIf Not (rbLelaki.Checked Or rbPerempuan.Checked) Then
        MessageBox.Show("Jenis kelamin pasien belum dipilih!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        rbLelaki.Focus()
    ElseIf Not txtTelpPasien.Text = "" And (IsNumeric(txtTelpPasien.Text)) =
False Then
        MessageBox.Show("No telp pasien harus angka!", "Peringatan",
        MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtTelpPasien.Text = ""
        txtTelpPasien.Focus()
    ElseIf Not txtTelpKeluarga.Text = "" And
(IsNumeric(txtTelpKeluarga.Text)) = False Then
        MessageBox.Show("No telp keluarga pasien harus angka!",
        "Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtTelpKeluarga.Text = ""
        txtTelpKeluarga.Focus()
    Else
        Dim sql As String = "UPDATE data_pasien SET" & _
        " nama_pasien = " & txtNamaPasien.Text.Trim() & ", alamat_pasien
= " & txtAlamatPasien.Text.Trim() & "," & _

```

```

        " telp_pasien = "" & txtTelpPasien.Text.Trim() & "",
jenis_kelamin_pasien = "" & jenisKelamin & "", umur_pasien = "" &
txtUmurPasien.Text.Trim() & "" & _
        " golongan_darah_pasien = "" & golDarah & "", nama_keluarga = "" &
txtNamaKeluarga.Text.Trim() & "", alamat_keluarga = "" &
txtAlamatKeluarga.Text.Trim() & "", telp_keluarga = "" &
txtTelpKeluarga.Text.Trim() & "" & _
        " WHERE no_kartu = "" & txtNoCari.Text.Trim() & ""
Dim command As SqlCommand = New SqlCommand(sql, myConn)
Try
    Dim status As Integer = command.ExecuteNonQuery()
    If status = 1 Then
        DataGrid()
        MessageBox.Show("Data pasien berhasil diedit!", "Informasi",
MessageBoxButtons.OK, MessageBoxIcon.Information)
    Else
        MessageBox.Show("Data pasien gagal diedit!", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error)
    End If
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
    myConn.Close()
    first()
End If
End If
End Sub

```

```

Private Sub btnCancel_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnCancel.Click
    If btnCancel.Text = "&Main Menu" Then
        Dim frm1 As New menuPetugasDaftar
        frm1.Show()
        Me.Close()
    ElseIf btnCancel.Text = "&Batal" Then
        first()
    End If
End Sub
End Class

```

Form Pendaftaran Pasien

```

Imports System.Data
Imports System.Data.SqlClient
Public Class daftarPasien
    Inherits System.Windows.Forms.Form
    Dim daInap, daJadwal, daKamar As SqlDataAdapter
    Dim dsInap, dsJadwal, dsKamar As DataSet
    Dim myConn As SqlConnection
    Dim myReader As SqlDataReader
    Private Sub daftarPasien_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        second()
        insertNamaDokterInap()
        insertKelas()
        DataGridInap()
        DataGridKamar()
    End Sub
    Public Sub second()

```

```
kosong1()
nonaktif1()
tombolAktif1()
txtNoCari2.Focus()
GroupBox8.Enabled = True
btnCancel2.Text = "&Main Menu"
btnTambah2.Text = "&Tambah"
btnEdit2.Text = "&Edit"
End Sub
```

```
Public Sub kosong1()
    txtNoCari2.Text = ""
    lblIdInap.Text = ""
    txtNo2.Text = ""
    cmbNama2.Text = "----- Pilih dokter -----"
    cmbKelas.Text = ""
    cmbNoKamar.Text = ""
End Sub
```

```
Public Sub nonaktif1()
    txtNo2.Enabled = False
    cmbNama2.Enabled = False
    cmbKelas.Enabled = False
    cmbNoKamar.Enabled = False
End Sub
```

```
Public Sub aktif1()
    txtNo2.Enabled = True
    cmbNama2.Enabled = True
    cmbKelas.Enabled = True
```



```

        cmbNoKamar.Enabled = True
End Sub

Public Sub tombolAktif1()
    btnTambah2.Enabled = True
    btnEdit2.Enabled = True
    btnCancel2.Enabled = True
End Sub

Public Sub DataGridKamar()
    Try
        myConn = Konektor()
        myConn.Open()
        Dim sqlselect As String = "SELECT kelas 'KELAS', no_bed 'NO BED',
harga_kamar 'HARGA', status_kamar 'STATUS'" & _
        " FROM data_kamar WHERE status_hapus = 'False'"
        daKamar = New SqlDataAdapter(sqlselect, myConn)
        dsKamar = New DataSet
        daKamar.Fill(dsKamar, "DATA_KAMAR")
        DataKamar.DataSource = dsKamar
        DataKamar.DataMember = ("DATA_KAMAR")
        DataKamar.ReadOnly = True
        myConn.Close()
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
End Sub

Public Sub DataGridInap()
    Try

```

```

myConn = Konektor()
myConn.Open()
Dim query As String = "SELECT rawat_inap.id_rawat_inap 'ID', no_kartu
'NO.KARTU', id_dokter 'ID DOKTER', KELAS, data_kamar.no_bed 'KAMAR'"
& _
" FROM rawat_inap, penempatan, data_kamar WHERE
rawat_inap.id_rawat_inap = penempatan.id_rawat_inap AND" & _
" penempatan.no_bed = data_kamar.no_bed"
daInap = New SqlDataAdapter(query, myConn)
dsInap = New DataSet
daInap.Fill(dsInap, "RAWAT_INAP")
DataInap.DataSource = dsInap
DataInap.DataMember = ("RAWAT_INAP")
DataInap.ReadOnly = True
myConn.Close()
Catch ex As Exception
MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
End Sub

```

```

Public Sub insertNamaDokterInap()
cmbNama2.Items.Clear()
myConn = Konektor()
myConn.Open()
Dim sql As String = "SELECT nama_dokter FROM data_dokter" & _
" WHERE id_dokter != 'DR0'"
Dim command As New SqlCommand(sql, myConn)
myReader = command.ExecuteReader()
If myReader.HasRows Then

```

```

    While myReader.Read()
        cmbNama2.Items.Add(Trim(myReader.Item("NAMA_DOKTER")))
    End While
End If
myReader.Close()
myConn.Close()
End Sub

```

```

Public Sub insertKelas()
    cmbKelas.Items.Clear()
    myConn = Konektor()
    myConn.Open()
    Dim sql As String = "SELECT DISTINCT kelas FROM data_kamar"
    Dim command As New SqlCommand(sql, myConn)
    myReader = command.ExecuteReader()
    If myReader.HasRows Then
        While myReader.Read()
            cmbKelas.Items.Add(Trim(myReader.Item("KELAS")))
        End While
    End If
    myReader.Close()
    myConn.Close()
End Sub

```

```

Public Sub insertKamar()
    cmbNoKamar.Items.Clear()
    myConn = Konektor()
    myConn.Open()
    Dim sql As String = "SELECT no_bed FROM data_kamar" & _

```

```

    " WHERE kelas = '" & cmbKelas.SelectedItem & "' AND status_kamar =
'KOSONG' AND status_hapus = 'False'"
    Dim command As New SqlCommand(sql, myConn)
    myReader = command.ExecuteReader()
    If myReader.HasRows Then
        While myReader.Read()
            cmbNoKamar.Items.Add(Trim(myReader.Item("NO_BED")))
        End While
    End If
    myReader.Close()
    myConn.Close()
End Sub

Private Sub cmbKelas_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
cmbKelas.SelectedIndexChanged
    insertKamar()
End Sub

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

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

Private Sub txtNo2_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles txtNo2.KeyPress
    If (Microsoft.VisualBasic.Asc(e.KeyChar) = 13) Then
        myConn = Konektor()
    End If
End Sub

```

```

myConn.Open()
Dim query As String = "SELECT no_kartu FROM data_pasien" & _
" WHERE no_kartu = " & Trim(txtNo2.Text) & """"
Dim command As New SqlCommand(query, myConn)
myReader = command.ExecuteReader()
If myReader.HasRows Then
    While myReader.Read()
    End While
    myReader.Close()
    cmbNama2.Focus()
    Dim sql As String = "SELECT no_kartu FROM rawat_inap" & _
" WHERE tanggal_keluar IS NULL AND no_kartu = " &
Trim(txtNo2.Text) & """"
    Dim comm As New SqlCommand(sql, myConn)
    myReader = comm.ExecuteReader
    If myReader.HasRows Then
        While myReader.Read

        End While
        MessageBox.Show("Pasien masih terdaftar sebagai pasien rawat
inap!", "Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtNo2.Text = ""
        txtNo2.Focus()
    Else
        cmbNama2.Focus()
    End If
Else
    MessageBox.Show("No kartu pasien yang diinputkan tidak valid!",
"Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
    txtNo2.Text = ""

```

```

        txtNo2.Focus()
    End If
    myConn.Close()
End If
End Sub

Private Sub btnSearch2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnSearch2.Click
    If (txtNoCari2.Text = "") Then
        MessageBox.Show("Masukkan no kartu pasien yang ingin dicari!",
"Petunjuk", MessageBoxButtons.OK, MessageBoxIcon.Information)
        txtNoCari2.Focus()
    Else
        Try
            myConn = Konektor()
            myConn.Open()

            Dim query As String = "SELECT rawat_inap.id_rawat_inap 'ID',
no_kartu 'NO.KARTU', id_dokter 'ID DOKTER', KELAS, data_kamar.no_bed
'KAMAR'" & _
            " FROM rawat_inap, penempatan, data_kamar WHERE
rawat_inap.id_rawat_inap = penempatan.id_rawat_inap AND" & _
            " penempatan.no_bed = data_kamar.no_bed AND no_kartu LIKE '%" &
txtNoCari2.Text & "%"

            daInap = New SqlDataAdapter(query, myConn)
            dsInap = New DataSet
            daInap.Fill(dsInap, "RAWAT_INAP")
            DataInap.DataSource = dsInap
            DataInap.DataMember = ("RAWAT_INAP")
            DataInap.ReadOnly = True
            myConn.Close()
        Catch ex As Exception
    
```

```

        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
End If
End Sub

```

```

Public Sub generate_idRI()

```

```

    Dim angka, angka2 As Integer

```

```

    angka2 = 0

```

```

    Dim noku As String

```

```

    Dim nokus As String

```

```

    Dim n As Integer

```

```

    myConn = Konektor()

```

```

    myConn.Open()

```

```

    Dim sql As String = "SELECT id_rawat_inap FROM rawat_inap"

```

```

    Dim command As SqlCommand = New SqlCommand(sql, myConn)

```

```

    Try

```

```

        myReader = command.ExecuteReader()

```

```

        If myReader.HasRows Then

```

```

            While myReader.Read()

```

```

                noku = Trim(myReader.Item("ID_RAWAT_INAP"))

```

```

                n = Len(noku)

```

```

                angka = CInt(Mid$(noku, 4, n))

```

```

                If angka2 < angka Then

```

```

                    angka2 = angka

```

```

                End If

```

```

            End While

```

```

            noku = CStr(angka2 + 1)

```

```

            nokus = "RI-" + CStr(noku)

```

```

            lblIdInap.Text = nokus

```

```

Else : nokus = "RI-1"
    lblIdInap.Text = nokus
End If
myReader.Close()
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
myConn.Close()
End Sub

Private Sub btnCancel2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnCancel2.Click
    If btnCancel2.Text = "&Main Menu" Then
        Dim frm1 As New menuPetugasDaftar
        frm1.Show()
        Me.Close()
    ElseIf btnCancel2.Text = "&Batal" Then
        second()
    End If
End Sub

Private Sub btnTambah2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnTambah2.Click
    If btnTambah2.Text = "&Tambah" Then
        btnEdit2.Enabled = False
        GroupBox8.Enabled = True
        aktif1()
        kosong1()
        txtNo2.Focus()
        generate_idRI()
    End If
End Sub

```



```

        btnTambah2.Text = "&Simpan"
        btnCancel2.Text = "&Batal"
    ElseIf btnTambah2.Text = "&Simpan" Then
        If txtNo2.Text = "" Or cmbNama2.SelectedIndex < 0 Or
        cmbKelas.SelectedIndex < 0 Or cmbNoKamar.SelectedIndex < 0 Then
            MessageBox.Show("Data belum lengkap!", "Peringatan",
            MessageBoxButtons.OK, MessageBoxIcon.Warning)
            txtNo2.Focus()
        Else
            myConn = Konektor()
            myConn.Open()
            Dim sql1 As String = "INSERT INTO rawat_inap(id_rawat_inap,
            no_kartu, id_dokter, tanggal_masuk)" & _
            " VALUES('" & Trim(lblIdInap.Text) & "', '" & Trim(txtNo2.Text) &
            "', '" & getIdDokterKu(cmbNama2.SelectedItem) & "'," & _
            " '" & Today.ToShortDateString & "')"
            Dim comm1 As SqlCommand = New SqlCommand(sql1, myConn)
            Try
                Dim status1 As Integer = comm1.ExecuteNonQuery()
                If status1 = 1 Then
                    Dim sql2 As String = "INSERT INTO penempatan(id_rawat_inap,
                    no_bed)" & _
                    " VALUES('" & Trim(lblIdInap.Text) & "', '" &
                    Trim(cmbNoKamar.SelectedItem) & "')"
                    Dim comm2 As SqlCommand = New SqlCommand(sql2,
                    myConn)
                    Dim status2 As Integer = comm2.ExecuteNonQuery()
                    If status2 = 1 Then
                        Dim sql3 As String = "UPDATE data_kamar SET" & _

```

```

        " status_kamar = 'ISI' WHERE no_bed = " &
Trim(cmbNoKamar.SelectedItem) & ""
    Dim comm3 As SqlCommand = New SqlCommand(sql3,
myConn)

    Dim status3 As Integer = comm3.ExecuteNonQuery()
    If status3 = 1 Then
        Dim harga As Integer
        Dim query As String = "SELECT DISTINCT harga_kamar
FROM data_kamar" & _
        " WHERE kelas = " & Trim(cmbKelas.SelectedItem) & ""
        Dim command As New SqlCommand(query, myConn)
        myReader = command.ExecuteReader()
        If myReader.HasRows Then
            While myReader.Read()
                harga = myReader.Item("HARGA_KAMAR")
            End While
        End If
        myReader.Close()

        Dim sql4 As String = "INSERT INTO history_inap(id_inap,
kelas, harga_kamar)" & _
        " VALUES(" & Trim(lblIdInap.Text) & ", " &
Trim(cmbKelas.SelectedItem) & ", " & harga & ")"
        Dim comm4 As SqlCommand = New SqlCommand(sql4,
myConn)

        Dim status4 As Integer = comm4.ExecuteNonQuery()
        If status4 = 1 Then
            DataGridInap()
            DataGridKamar()
            'kosong1()

```

```

        MessageBox.Show("Data pasien berhasil ditambahkan!",
"Informasi", MessageBoxButtons.OK, MessageBoxIcon.Information)
        End If
    End If
End If
Else
    MessageBox.Show("Data pasien gagal ditambahkan!", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error)
    End If
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
    myConn.Close()
    second()
End If
End If
End Sub

```

```

Private Sub DataInap_DoubleClick(ByVal sender As Object, ByVal e As
System.EventArgs) Handles DataInap.DoubleClick

```

```

    If (DataInap.IsSelected(DataInap.CurrentRowIndex)) Then
        lblIdInap.Text = Trim(DataInap.Item(DataInap.CurrentRowIndex, 0))
        txtNo2.Text = Trim(DataInap.Item(DataInap.CurrentRowIndex, 1))
        cmbNama2.Text =
getNamaDokterKu(Trim(DataInap.Item(DataInap.CurrentRowIndex, 2)))
        cmbKelas.Text = Trim(DataInap.Item(DataInap.CurrentRowIndex, 3))
        cmbNoKamar.Text = Trim(DataInap.Item(DataInap.CurrentRowIndex, 4))
    End If

```

End Sub

```
Private Sub btnEdit2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnEdit2.Click
```

```
    If txtNo2.Text = "" Then
```

```
        MessageBox.Show("Double-click pada data pasien yang ingin diedit!", "Petunjuk", MessageBoxButtons.OK, MessageBoxIcon.Information)
```

```
    ElseIf btnEdit2.Text = "&Edit" Then
```

```
        btnTambah2.Enabled = False
```

```
        GroupBox8.Enabled = False
```

```
        aktif1()
```

```
        txtNo2.Enabled = False
```

```
        cmbNama2.Focus()
```

```
        btnEdit2.Text = "&Simpan"
```

```
        btnCancel2.Text = "&Batal"
```

```
    ElseIf btnEdit2.Text = "&Simpan" Then
```

```
        If cmbNama2.Text = "" Or cmbKelas.Text = "" Or cmbNoKamar.Text = "" Then
```

```
            MessageBox.Show("Data belum lengkap!", "Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
```

```
            txtNo2.Focus()
```

```
        Else
```

```
            Dim sql1 As String = "UPDATE rawat_inap SET" & _
```

```
            " id_dokter = " & getIdDokterKu(cmbNama2.SelectedItem) & "" & _
```

```
            " WHERE id_rawat_inap = " & Trim(lblIdInap.Text) & ""
```

```
            If (myConn.State.ToString <> "Open") Then
```

```
                myConn.Open()
```

```
            End If
```

```
            Dim command1 As SqlCommand = New SqlCommand(sql1, myConn)
```

```
            Try
```

```

Dim status1 As Integer = command1.ExecuteNonQuery()
If status1 = 1 Then
    Dim sql2 As String = "UPDATE penempatan SET" & _
        " no_bed = " & Trim(cmbNoKamar.SelectedItem) & "" & _
        " WHERE id_rawat_inap = " & Trim(lblIdInap.Text) & ""
    Dim command2 As SqlCommand = New SqlCommand(sql2,
myConn)

    Dim status2 As Integer = command2.ExecuteNonQuery()
    If status2 = 1 Then
        Dim sql3 As String = "UPDATE data_kamar SET" & _
            " status_kamar = 'KOSONG' WHERE no_bed = " &
Trim(DataInap.Item(DataInap.CurrentRowIndex, 4)) & ""
        Dim command3 As SqlCommand = New SqlCommand(sql3,
myConn)

        Dim status3 As Integer = command3.ExecuteNonQuery()
        If status3 = 1 Then
            Dim sql4 As String = "UPDATE data_kamar SET" & _
                " status_kamar = 'ISI' WHERE no_bed = " &
Trim(cmbNoKamar.SelectedItem) & ""
            Dim command4 As SqlCommand = New SqlCommand(sql4,
myConn)

            Dim status4 As Integer = command4.ExecuteNonQuery()
            If status4 = 1 Then
                DataGridInap()
                DataGridKamar()
                MessageBox.Show("Data pasien berhasil diedit!",
"Informasi", MessageBoxButtons.OK, MessageBoxIcon.Information)
            End If
        End If
    End If
End If

```

```

Else
    MessageBox.Show("Data pasien gagal diedit!", "Error",
    MessageBoxButtons.OK, MessageBoxIcon.Error)
End If
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
    MsgBoxStyle.OKOnly, "Info")
End Try
myConn.Close()
End If
second()
End If
End Sub

End Class

```

Form Kepulangan Pasien

```

Imports System.Data
Imports System.Data.SqlClient
Public Class kepulanganPasien
    Inherits System.Windows.Forms.Form
Dim myConn As SqlConnection
Dim myReader As SqlDataReader
Dim jenisBayar As String
Public Sub kosong()
    cmbNoKartu.Text = "-----Pilih Kartu-----"
    txtIdBayar.Text = ""
    lblTotalBayar.Text = ""

```

```

txtDibayar.Text = ""
lblKembalian.Text = ""
txtIdInap.Text = ""
txtNamaPasien.Text = ""
txtKamar.Text = ""
txtNamaDokter.Text = ""
txtTglMasuk.Text = ""
txtTglKeluar.Text = ""
txtLamaInap.Text = ""
cmbStatus.Text = "-----Pilih Status-----"
Button1.Enabled = False
GroupBox2.Enabled = True
generate_idBayar()
End Sub

```

```

Public Sub generate_idBayar()
    Dim tahun, bulan As String
    tahun = Now.ToString("yy")
    bulan = Now.ToString("MM")

    Dim angka As Integer = 0
    Dim no_bayar As String
    myConn = Konektor()
    myConn.Open()
    Dim sql = "SELECT MAX(convert(integer,SUBSTRING(id_pembayaran, 7,
LEN(id_pembayaran)))) AS 'ID_PEMBAYARAN' FROM pembayaran" & _
    " WHERE SUBSTRING(id_pembayaran, 1, 2) = " & tahun & " AND
SUBSTRING(id_pembayaran, 4, 2) = " & bulan & ""
    Dim command As SqlCommand = New SqlCommand(sql, myConn)
    Try

```

```

myReader = command.ExecuteReader
If myReader.HasRows Then
    While myReader.Read
        If IsDBNull(myReader.Item("ID_PEMBAYARAN")) = False Then
            angka = Trim(myReader.Item("ID_PEMBAYARAN"))
        Else
            angka = 0
        End If
    End While
    angka = angka + 1
    no_bayar = CStr(angka)
    txtIdBayar.Text = tahun & "-" & bulan & "-" & no_bayar
Else : no_bayar = "1"
    txtIdBayar.Text = tahun & "-" & bulan & "-" & no_bayar
End If
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
myReader.Close()
myConn.Close()
End Sub

Public Sub NoKartu()
    Try
        cmbNoKartu.Items.Clear()
        myConn = Konektor()
        myConn.Open()
        Dim sql As String = "SELECT r.no_kartu FROM penempatan p,
rawat_inap r" & _

```



```

" WHERE r.id_rawat_inap = p.id_rawat_inap"
Dim command As New SqlCommand(sql, myConn)
myReader = command.ExecuteReader()
If myReader.HasRows Then
    While myReader.Read()
        cmbNoKartu.Items.Add(Trim(myReader.Item("NO_KARTU")))
    End While
End If
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
myReader.Close()
myConn.Close()
End Sub

```

```

Private Sub cmbNoKartu_SelectedIndexChanged(ByVal sender As
System.Object, ByVal e As System.EventArgs) Handles
cmbNoKartu.SelectedIndexChanged
    Try
        Dim harga As Integer
        Dim tgl_masuk As DateTime
        Dim tgl_keluar As DateTime
        myConn = Konektor()
        myConn.Open()
        Dim query As String = "SELECT r.no_kartu, p.nama_pasien,
t.id_rawat_inap, k.no_bed, d.nama_dokter, r.tanggal_masuk, k.harga_kamar" & _
        " FROM data_pasien p, rawat_inap r, penempatan t, data_kamar k,
data_dokter d" & _

```

```

" WHERE p.no_kartu = r.no_kartu AND r.id_rawat_inap =
t.id_rawat_inap AND t.no_bed = k.no_bed AND d.id_dokter = r.id_dokter" & _
" AND r.no_kartu = " & Trim(cmbNoKartu.SelectedItem) & ""
Dim comm As SqlCommand = New SqlCommand(query, myConn)
myReader = comm.ExecuteReader()
If myReader.HasRows Then
    While myReader.Read()
        txtNamaPasien.Text = Trim(myReader.Item("NAMA_PASIEN"))
        txtIdInap.Text = Trim(myReader.Item("ID_RAWAT_INAP"))
        txtKamar.Text = Trim(myReader.Item("NO_BED"))
        txtNamaDokter.Text = Trim(myReader.Item("NAMA_DOKTER"))
        tgl_masuk = Trim(myReader.Item("TANGGAL_MASUK"))
        txtTglMasuk.Text = tgl_masuk
        tgl_keluar = Today.ToShortDateString
        txtTglKeluar.Text = tgl_keluar
        txtLamaInap.Text = DateDiff(DateInterval.Day, tgl_masuk,
tgl_keluar)
        If txtLamaInap.Text = 0 Then
            txtLamaInap.Text = 1
        End If
        harga = Trim(myReader.Item("HARGA_KAMAR"))
        lblTotalBayar.Text = CInt(txtLamaInap.Text) * harga
    End While
    myReader.Close()
End If
myConn.Close()
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try

```

End Sub

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button1.Click
    If cmbStatus.SelectedIndex < 0 Then
        MessageBox.Show("Data kepulangan pasien belum lengkap!",
"Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
    Else
        myConn = Konektor()
        myConn.Open()
        Dim sql1 As String = "UPDATE data_kamar SET" & _
            " status_kamar = 'KOSONG' WHERE no_bed = '" &
getNoBedKu(Trim(cmbNoKartu.SelectedItem)) & """"
        Dim comm1 As SqlCommand = New SqlCommand(sql1, myConn)
        Try
            Dim status1 As Integer = comm1.ExecuteNonQuery
            If status1 = 1 Then
                Dim sql2 As String = "UPDATE rawat_inap SET" & _
                    " status_kepulangan = '" & Trim(cmbStatus.SelectedItem) & "',
tanggal_keluar = '" & Today.ToShortDateString & """" & _
                    " WHERE id_rawat_inap = '" &
getIdInapKu(Trim(cmbNoKartu.SelectedItem)) & """"
                Dim comm2 As SqlCommand = New SqlCommand(sql2, myConn)
                Dim status2 As Integer = comm2.ExecuteNonQuery
                If status2 = 1 Then
                    Dim sql3 As String = "DELETE FROM penempatan" & _
                        " WHERE id_rawat_inap = '" &
getIdInapKu(Trim(cmbNoKartu.SelectedItem)) & """"
                    Dim comm3 As SqlCommand = New SqlCommand(sql3,
myConn)
```

```

        Dim status3 As Integer = comm3.ExecuteNonQuery
        If status3 = 1 Then
            kosong()
            NoKartu()
            MessageBox.Show("Data kepulangan pasien berhasil
disimpan!", "Informasi", MessageBoxButtons.OK, MessageBoxIcon.Information)
        End If
    End If
Else
    MessageBox.Show("Data kepulangan pasien gagal disimpan!",
"Error", MessageBoxButtons.OK, MessageBoxIcon.Error)
End If
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
    kosong()
End If
End Sub

Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles Button2.Click
    Dim frm1 As New menuPetugasDaftar
    frm1.Show()
    Me.Close()
End Sub

Private Sub kepulanganPasien_Load(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles MyBase.Load
    kosong()
    'generate_idBayar()

```

```

    NoKartu()
End Sub

Private Sub btnBayar_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnBayar.Click
    If cmbNoKartu.Text = "" Then
        MessageBox.Show("Pilih no kartu pasien yang ingin membayar!",
"Peringatan", MessageBoxButtons.OK, MessageBoxIcon.Warning)
        cmbNoKartu.Focus()
    ElseIf txtDibayar.Text = "" Then
        MessageBox.Show("Masukkan uang pembayaran!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtDibayar.Focus()
    ElseIf (CInt(txtDibayar.Text) < CInt(lblTotalBayar.Text)) Then
        MessageBox.Show("Uang yang dibayarkan kurang!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtDibayar.Focus()
    ElseIf lblKembalian.Text = "" Then
        MessageBox.Show("Uang kembalian masih kosong!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        txtDibayar.Focus()
    Else
        Try
            Dim ans = MessageBox.Show("Apakah Anda yakin pasien " &
cmbNoKartu.SelectedItem & " akan membayar ?", "Konfirmasi",
MessageBoxButtons.OKCancel, MessageBoxIcon.Question)
            If ans = 1 Then
                myConn = Konektor()
                myConn.Open()
            End If
        Catch ex As Exception
            MessageBox.Show(ex.Message, "Error", MessageBoxButtons.OK,
            MessageBoxIcon.Error)
        End Try
    End If
End Sub

```

```

Dim sql As String = "INSERT INTO pembayaran(id_pembayaran,
id_rawat_inap, jenis_bayar, tanggal_bayar, jumlah_bayar, lama_inap)" & _
    " VALUES(" & Trim(txtIdBayar.Text) & ", " &
Trim(txtIdInap.Text) & ", " & jenisBayar & ", " & Today.ToShortDateString &
", " & _
    " " & Trim(lblTotalBayar.Text) & ", " & Trim(txtLamaInap.Text) &
    ")"
```

```

Dim command As SqlCommand = New SqlCommand(sql, myConn)
Try
    Dim status As Integer = command.ExecuteNonQuery()
    If status = 1 Then
        Dim sql1 As String = "UPDATE history_inap SET" & _
            " lama_inap = " & Trim(txtLamaInap.Text) & ", total_bayar =
" & Trim(lblTotalBayar.Text) & ", tanggal_bayar = " &
Today.ToShortDateString & "" & _
            " WHERE id_inap = " &
getIdInapKu(Trim(cmbNoKartu.SelectedItem)) & """
```

```

Dim command1 As SqlCommand = New SqlCommand(sql1,
myConn)

Dim status1 As Integer = command1.ExecuteNonQuery
If status1 = 1 Then
    MessageBox.Show("Pembayaran berhasil dilakukan!",
"Informasi", MessageBoxButtons.OK, MessageBoxIcon.Information)
    MessageBox.Show("Jangan lupa melakukan check-out!",
"Informasi", MessageBoxButtons.OK, MessageBoxIcon.Information)
    GroupBox2.Enabled = False
    cmbStatus.Focus()
    Button1.Enabled = True
End If
Else
```

```

        MessageBox.Show("Pembayaran gagal dilakukan!", "Error",
MessageBoxButtons.OK, MessageBoxIcon.Error)
    End If
    Catch ex As Exception
        MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
    End Try
    myConn.Close()
End If
Catch ex As Exception
    MsgBox("Error: " & ex.Source & ": " & ex.Message,
MsgBoxStyle.OKOnly, "Info")
End Try
End If
End Sub

```

```

Private Sub txtDibayar_KeyPress(ByVal sender As Object, ByVal e As
System.Windows.Forms.KeyPressEventArgs) Handles txtDibayar.KeyPress
    If (Microsoft.VisualBasic.Asc(e.KeyChar) = 13) Then
        If (CInt(txtDibayar.Text) < CInt(lblTotalBayar.Text)) Then
            MessageBox.Show("Uang yang dibayarkan kurang!", "Peringatan",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
            txtDibayar.Focus()
        Else
            lblKembalian.Text = txtDibayar.Text - lblTotalBayar.Text
        End If
    End If
End If
End Sub

```

```
Private Sub btnPrint_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
```

```
    Me.Close()
```

```
End Sub
```

```
Private Sub btnPrint_Click_1(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnPrint.Click
```

```
    Dim laporan_Print As New laporanPrint
```

```
    laporan_Print.Show()
```

```
    Me.Close()
```

```
End Sub
```

```
End Class
```

Form Menu Manager

```
Public Class menuManager
```

```
    Inherits System.Windows.Forms.Form
```

```
Private Sub MenuItem6_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MenuItem6.Click
```

```
    Dim mYes_No As String = MsgBox("Anda yakin ingin keluar ?", vbYesNo, "Informasi")
```

```
    If mYes_No = vbYes Then
```

```
        Dim frm1 As New welcome
```

```
        frm1.Show()
```

```
        Me.Close()
```

```
    End If
```

```
End Sub
```

```
Private Sub menuManager_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
```

```
    Me.IsMdiContainer = True
```



```

End Sub

Private Sub MenuItem4_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MenuItem4.Click
    Dim laporan_pendapatan As New laporanPendapatan
    laporan_pendapatan.Show()
    Me.Close()
End Sub

Private Sub MenuItem5_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MenuItem5.Click
    Dim laporan_rawat_inap As New laporanRawatInap
    laporan_rawat_inap.Show()
    Me.Close()
End Sub

Private Sub MenuItem3_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MenuItem3.Click
    Dim laporan_Data_pasien As New laporanPasien
    laporan_Data_pasien.Show()
    Me.Close()
End Sub
End Class

```

From Laporan Pasien

```

Public Class laporanPasien
    Inherits System.Windows.Forms.Form
    Private Sub laporanPasien_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        cmbBulan.Text = "-----Pilih Bulan-----"
        cmbTahun.Text = "-----Pilih Tahun-----"
        Dim reportPasien As New reportPasien

```

```

        reportPasien.SetDatabaseLogon("pp75", "", "SQL_SERVER_IL\SQL_IL",
"pp75")
        CrystalReportViewer1.ReportSource = reportPasien
    End Sub

```

```

    Private Sub btnTampil_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnTampil.Click
        Dim rpt As New reportPasien
        rpt.SetDatabaseLogon("pp75", "", "SQL_SERVER_IL\SQL_IL", "pp75")
        CrystalReportViewer1.ReportSource = rpt
        rpt.Refresh()
    End Sub

```

```

    Private Sub btnKembali_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnKembali.Click
        Dim frm1 As New menuManager
        frm1.Show()
        Me.Close()
    End Sub
End Class

```

From Laporan Pendapatan

```

Public Class laporanPendapatan
    Inherits System.Windows.Forms.Form
    Private Sub laporanPendapatan_Load(ByVal sender As System.Object, ByVal e
As System.EventArgs) Handles MyBase.Load
        Dim reportPendapatan As New reportPendapatan
        reportPendapatan.SetDatabaseLogon("pp75", "",
"SQL_SERVER_IL\SQL_IL", "pp75")
        CrystalReportViewer1.ReportSource = reportPendapatan
    End Sub
End Class

```

```

End Sub

Private Sub btnTampil_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnTampil.Click
    Dim rpt As New reportPendapatan
    rpt.RecordSelectionFormula = "({pendapatan.tanggal_bayar} =
DateTimePicker1)"
    rpt.SetDatabaseLogon("pp75", "", "SQL_SERVER_IL\SQL_IL", "pp75")
    CrystalReportViewer1.ReportSource = rpt
    rpt.Refresh()
End Sub

```

```

Private Sub btnKembali_Click(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles btnKembali.Click
    Dim frm1 As New menuManager
    frm1.Show()
    Me.Close()
End Sub

```

From Laporan Rawat Inap

```

Public Class laporanRawatInap
    Inherits System.Windows.Forms.Form
    Private Sub laporanRataInap_Load(ByVal sender As System.Object, ByVal e As
System.EventArgs) Handles MyBase.Load
        cmbBulan.Text = "-----Pilih Bulan-----"
        cmbTahun.Text = "-----Pilih Tahun-----"
        Dim reportLama As New reportLama
        reportLama.SetDatabaseLogon("pp75", "", "SQL_SERVER_IL\SQL_IL",
"pp75")
        CrystalReportViewer1.ReportSource = reportLama
    End Sub

```

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

```
    Dim rpt As New reportLama
```

```
    rpt.RecordSelectionFormula = "({rata_lama_inap.bulan} = CStr("" & cmbBulan.Text & "")) And ({rata_lama_inap.tahun} = CStr("" & cmbTahun.Text & ""))"
```

```
    rpt.SetDatabaseLogon("pp75", "", "SQL_SERVER_IL\SQL_IL", "pp75")
```

```
    CrystalReportViewer1.ReportSource = rpt
```

```
    rpt.Refresh()
```

```
End Sub
```

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

```
    Dim frm1 As New menuManager
```

```
    frm1.Show()
```

```
    Me.Close()
```

```
End Sub
```

```
End Class
```