

Lampiran Koding Program

➤ Menu Utama

```
Public Class Form1
```

```
    Dim usr As UserMdl
```

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

```
        Hide()
```

```
        Dim login As Login = New Login()
```

```
        login.ShowDialog()
```

```
        usr = login.getMdl
```

```
        If usr Is Nothing Then
```

```
            Application.Exit()
```

```
        End If
```

```
        Show()
```

```
        Timer1.Enabled = True
```

```
    End Sub
```

```
    Private Sub BunifuFlatButton1_Click(sender As Object, e As EventArgs) Handles BunifuFlatButton1.Click
```

```
        Dim f As New Ajaran
```

```
        f.ShowDialog()
```

```
    End Sub
```

```
    Private Sub BunifuFlatButton2_Click(sender As Object, e As EventArgs) Handles BunifuFlatButton2.Click
```

```
        Dim f As New Kelas
```

```
        f.ShowDialog()
```

```
    End Sub
```

```
    Private Sub BunifuFlatButton3_Click(sender As Object, e As EventArgs) Handles BunifuFlatButton3.Click
```

```
        Dim f As New Guru
```

```

        f.ShowDialog()

    End Sub

    Private Sub BunifuFlatButton4_Click(sender As Object, e As EventArgs)
Handles BunifuFlatButton4.Click

        Dim f As New Matapelajaran

        f.ShowDialog()

    End Sub

    Private Sub btnBck_Click(sender As Object, e As EventArgs) Handles
btnBck.Click

        Close()

    End Sub

    Private Sub BunifuFlatButton5_Click(sender As Object, e As EventArgs)
Handles BunifuFlatButton5.Click

        Dim f As New Siswa

        f.ShowDialog()

    End Sub

    Private Sub BunifuFlatButton8_Click(sender As Object, e As EventArgs)
Handles BunifuFlatButton8.Click

        Dim f As New Absen

        f.ShowDialog()

    End Sub

    Private Sub BunifuFlatButton7_Click(sender As Object, e As EventArgs)
Handles BunifuFlatButton7.Click

        Dim f As New GuruRpt

        f.ShowDialog()

    End Sub

    Private Sub BunifuFlatButton6_Click(sender As Object, e As EventArgs)
Handles BunifuFlatButton6.Click

        Dim f As New SiswaRpt

        f.ShowDialog()

    End Sub

```

```
Private Sub BunifuFlatButton9_Click(sender As Object, e As EventArgs)
Handles BunifuFlatButton9.Click
```

```
Hide()
```

```
Dim login As Login = New Login()
```

```
login.ShowDialog()
```

```
usr = login.getMdl
```

```
If usr Is Nothing Then
```

```
Application.Exit()
```

```
End If
```

```
Show()
```

```
End Sub
```

```
Private Sub BunifuFlatButton11_Click(sender As Object, e As EventArgs)
Handles BunifuFlatButton11.Click
```

```
Dim f As New AbsenRpt
```

```
f.ShowDialog()
```

```
End Sub
```

```
Private Sub BunifuFlatButton10_Click_1(sender As Object, e As
EventArgs) Handles BunifuFlatButton10.Click
```

```
Dim f As New SMS
```

```
f.ShowDialog()
```

```
End Sub
```

```
Private Sub Timer1_Tick(sender As Object, e As EventArgs) Handles
Timer1.Tick
```

```
Label7.Text = Format(Now, "dd / MM / yyyy")
```

```
Label8.Text = Format(Now, "HH : mm : ss")
```

```
End Sub
```

```
Private Sub BunifuFlatButton12_Click(sender As Object, e As EventArgs)
Handles BunifuFlatButton12.Click
```

```
Dim f As New AbsenRptPer
```

```
f.Show()
```

End Sub

End Class

➤ Menu Ajaran

Public Class Ajaran

Dim actReady As String

Dim itf As AjaranItf = New AjaranDBs

Dim id As String

Public Sub New()

' This call is required by the designer.

InitializeComponent()

' Add any initialization after the InitializeComponent() call.

setClear()

setLv()

setDt()

End Sub

Private Sub actBtnAdd()

Select Case actReady

Case ""

setComp("readyAdd")

setBtn("readyAdd")

actReady = "add"

Case Else

aU(actReady, 1)

End Select

End Sub

Private Sub actBtnUpd()

```

        getLv()
        setComp("readyUpdDel")
        actReady = "updDel"
    End Sub

Private Sub actBtnDel()
    del()
End Sub

Private Sub actBtnCancel()
    setClear()
End Sub

Private Sub actLvClicked()
    setBtn("readyUpdDel")
End Sub

Private Sub actBtnBack()
    Close()
End Sub

Private Sub setClear()
    id = ""
    tfTahun.Text = ""
    rbGanjil.Checked = False
    rbGenap.Checked = False
    setComp("")
    setBtn("")
    actReady = ""
End Sub

Private Sub setComp(c As String)
    Select Case c
        Case "readyAdd"

```

```
        tfTahun.Enabled = True
        rbGanjil.Enabled = True
        rbGenap.Enabled = True
    Case "readyUpdDel"
        tfTahun.Enabled = True
        rbGanjil.Enabled = True
        rbGenap.Enabled = True
    Case Else
        tfTahun.Enabled = False
        rbGanjil.Enabled = False
        rbGenap.Enabled = False
    End Select
End Sub

Private Sub setBtn(c As String)
    Select Case c
        Case "readyAdd"
            btnAdd.ButtonText = "Simpan"
            btnUpd.ButtonText = ""
            btnDel.ButtonText = ""
            btnUpd.Enabled = False
            btnDel.Enabled = False
        Case "readyUpdDel"
            btnAdd.ButtonText = "Simpan"
            btnUpd.ButtonText = "Update"
            btnDel.ButtonText = "Hapus"
            btnUpd.Enabled = True
            btnDel.Enabled = True
        Case Else
```

```

        btnAdd.ButtonText = "Tambah"

        btnUpd.ButtonText = ""

        btnDel.ButtonText = ""

        btnUpd.Enabled = False

        btnDel.Enabled = False

    End Select

End Sub

Private Sub setDt()
    ' End Sub

Private Sub setLv()

    Dim mdl As List(Of AjaranMdl) = itf.getData("AllLike", "")

    For Each mdl As AjaranMdl In mdl

        Dim row As String() = New String() {mdl.Idajaran1, mdl.Tahun1,
mdl.Semester1 }

        lv.Rows.Add(row)

    Next

End Sub

Private Sub getLv()

    id = lv.CurrentRow.Cells(0).Value

    tfTahun.Text = lv.CurrentRow.Cells(1).Value

    If (lv.CurrentRow.Cells(2).Value.Equals("Ganjil")) Then

        rbGanjil.Checked = True

    ElseIf (lv.CurrentRow.Cells(2).Value.Equals("Genap")) Then

        rbGenap.Checked = True

    End If

End Sub

Private Function setMdl() As AjaranMdl

    Dim mdl As New AjaranMdl()

    mdl.Idajaran1 = id

```

```

mdl.Tahun1 = tfTahun.Text

Dim rb As RadioButton = pnlSemester.Controls.OfType(Of
RadioButton).FirstOrDefault(Function(r) r.Checked = True)

mdl.Semester1 = rb.Text

Return mdl

End Function

Private Sub aU(type As String, rw As Integer)

Dim mdl As AjaranMdl = setMdl()

Dim validateHlp As New ValidateHlp

Dim cv As String = validateHlp.ckVld(mdl)

If cv.Equals("") Then

Dim i As Integer = 0

Dim r As Integer = -1

Select Case type

Case "add"

i = itf.add(mdl)

Case "updDel"

r = rw

i = itf.upd(mdl)

End Select

If i > 0 Then

If r < 0 Then

MessageBox.Show("Data berhasil disimpan.")

mdl.Idajaran1 = i

Dim row As String() = New String() { mdl.Idajaran1,
mdl.Tahun1, mdl.Semester1 }

lv.Rows.Add(row)

Else

MessageBox.Show("Data berhasil diupdate.")

```



```

        Dim row As String() = New String() {mdl.Idajaran1,
mdl.Tahun1, mdl.Semester1}

        Dim n = lv.CurrentRow.Index

        lv.Rows.RemoveAt(n)

        lv.Rows.Insert(n, row)

    End If

    setClear()

Else

    MessageBox.Show("Data gagal diEksekusi.")

End If

Else

    MessageBox.Show(cv)

End If

End Sub

Private Sub del()

    If itf.del(lv.CurrentRow.Cells(0).Value) > 0 Then

        MessageBox.Show("Data berhasil dihapus.")

        lv.Rows.RemoveAt(lv.CurrentRow.Index)

        setClear()

    Else

        MessageBox.Show("Data gagal dihapus.")

    End If

End Sub

Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles
btnAdd.Click

    actBtnAdd()

End Sub

```

```
Private Sub btnUpd_Click(sender As Object, e As EventArgs) Handles  
btnUpd.Click
```

```
actBtnUpd()
```

```
End Sub
```

```
Private Sub btnDel_Click(sender As Object, e As EventArgs) Handles  
btnDel.Click
```

```
actBtnDel()
```

```
End Sub
```

```
Private Sub btnCnl_Click(sender As Object, e As EventArgs) Handles  
btnCnl.Click
```

```
actBtnCancel()
```

```
End Sub
```

```
Private Sub lv_Click(sender As Object, e As EventArgs) Handles lv.Click
```

```
actLvClicked()
```

```
End Sub
```

```
Private Sub btnBack_Click(sender As Object, e As EventArgs) Handles  
btnBck.Click
```

```
Close()
```

```
End Sub
```

```
End Class
```

➤ Menu Siswa

```
Public Class Siswa
```

```
Dim actReady As String
```

```
Dim itf As SiswaItf = New SiswaDBs
```

```
Dim id As String
```

```
Public Sub New()
```

```
' This call is required by the designer.
```

```
InitializeComponent()
```

```
' Add any initialization after the InitializeComponent() call.
```

```
        setClear()
        setLv()
        setDt()
    End Sub
Private Sub actBtnAdd()
    Select Case actReady
        Case ""
            setComp("readyAdd")
            setBtn("readyAdd")
            actReady = "add"
        Case Else
            aU(actReady, 1)
    End Select
End Sub
Private Sub actBtnUpd()
    getLv()
    setComp("readyUpdDel")
    actReady = "updDel"
End Sub
Private Sub actBtnDel()
    del()
End Sub
Private Sub actBtnCancel()
    setClear()
End Sub
Private Sub actLvClicked()
    setBtn("readyUpdDel")
End Sub
```

```

Private Sub actBtnBack()
    Close()
End Sub

Private Sub setClear()
    id = ""
    tfNIS.Text = ""
    tfNISN.Text = ""
    tfNama.Text = ""
    rbLakilaki.Checked = False
    rbPerempuan.Checked = False
    tfTempatLahir.Text = ""
    dtTglLahir.ResetText()
    cbAgama.selectedIndex = -1
    tfAlamat.Text = ""
    tfNamaOW.Text = ""
    tfAlamatOW.Text = ""
    tfNoHPOW.Text = ""
    'tfFinger.Text = ""
    setComp("")
    setBtn("")
    actReady = ""
End Sub

Private Sub setComp(c As String)
    Select Case c
        Case "readyAdd"
            tfNIS.Enabled = True
            tfNISN.Enabled = True
            rbLakilaki.Enabled = True

```

rbPerempuan.Enabled = True
tfTempatLahir.Enabled = True
dtTglLahir.Enabled = True
cbAgama.Enabled = True
tfAlamat.Enabled = True
tfNamaOW.Enabled = True
tfAlamatOW.Enabled = True
tfNoHPOW.Enabled = True
' tfFinger.Enabled = True

Case "readyUpdDel"

tfNIS.Enabled = True
tfNISN.Enabled = True
rbLakilaki.Enabled = True
rbPerempuan.Enabled = True
tfTempatLahir.Enabled = True
dtTglLahir.Enabled = True
cbAgama.Enabled = True
tfAlamat.Enabled = True
tfNamaOW.Enabled = True
tfAlamatOW.Enabled = True
tfNoHPOW.Enabled = True
'tfFinger.Enabled = True

Case Else

tfNIS.Enabled = False
tfNISN.Enabled = False
rbLakilaki.Enabled = False
rbPerempuan.Enabled = False
tfTempatLahir.Enabled = False

```
dtTglLahir.Enabled = False
cbAgama.Enabled = False
tfAlamat.Enabled = False
tfNamaOW.Enabled = False
tfAlamatOW.Enabled = False
tfNoHPOW.Enabled = False
'tfFinger.Enabled = False

End Select

End Sub

Private Sub setBtn(c As String)
    Select Case c
        Case "readyAdd"
            btnAdd.ButtonText = "Simpan"
            btnUpd.ButtonText = ""
            btnDel.ButtonText = ""
            btnUpd.Enabled = False
            btnDel.Enabled = False
        Case "readyUpdDel"
            btnAdd.ButtonText = "Simpan"
            btnUpd.ButtonText = "Update"
            btnDel.ButtonText = "Hapus"
            btnUpd.Enabled = True
            btnDel.Enabled = True
        Case Else
            btnAdd.ButtonText = "Tambah"
            btnUpd.ButtonText = ""
            btnDel.ButtonText = ""
            btnUpd.Enabled = False
```

```

        btnDel.Enabled = False
    End Select
End Sub

Private Sub setDt()
    dtTglLahir.Format = DateTimePickerFormat.Custom
    dtTglLahir.FormatCustom = "dd MMMM yyyy"
End Sub

Private Sub setLv()
    Dim mdls As List(Of SiswaMdl) = itf.getData("AllLike", "")

    For Each mdl As SiswaMdl In mdls

        Dim row As String() = New String() {mdl.Nis1, mdl.Nisn1,
        mdl>Nama1, mdl.Jnsklm1, mdl.Tmplhr1, mdl.Tgllhr1, mdl.Agama1,
        mdl.Alamat1, mdl>Namaotw11, mdl.Alamatotw11, mdl.Nohpotw11,
        mdl.Finger1 }

        lv.Rows.Add(row)
    Next
End Sub

Private Sub getLv()
    id = lv.CurrentRow.Cells(0).Value
    tfNIS.Text = lv.CurrentRow.Cells(0).Value
    tfNISN.Text = lv.CurrentRow.Cells(1).Value
    tfNama.Text = lv.CurrentRow.Cells(2).Value
    If (lv.CurrentRow.Cells(3).Value.Equals("Laki-laki")) Then
        rbLakilaki.Checked = True
    ElseIf (lv.CurrentRow.Cells(3).Value.Equals("Perempuan")) Then
        rbPerempuan.Checked = True
    End If
    tfTempatLahir.Text = lv.CurrentRow.Cells(4).Value
    dtTglLahir.Value = lv.CurrentRow.Cells(5).Value

```

```
Select Case lv.CurrentRow.Cells(6).Value
```

```
Case "Islam"
```

```
cbAgama.selectedIndex = 0
```

```
Case "Kristen Katolik"
```

```
cbAgama.selectedIndex = 1
```

```
Case "Kristen Protestan"
```

```
cbAgama.selectedIndex = 2
```

```
Case "Hindu"
```

```
cbAgama.selectedIndex = 3
```

```
Case "Budha"
```

```
cbAgama.selectedIndex = 4
```

```
End Select
```

```
tfAlamat.Text = lv.CurrentRow.Cells(7).Value
```

```
tfNamaOW.Text = lv.CurrentRow.Cells(8).Value
```

```
tfAlamatOW.Text = lv.CurrentRow.Cells(9).Value
```

```
tfNoHPOW.Text = lv.CurrentRow.Cells(10).Value
```

```
' tfFinger.Text = lv.CurrentRow.Cells(11).Value
```

```
End Sub
```

```
Private Function setMdl() As SiswaMdl
```

```
Dim mdl As New SiswaMdl()
```

```
mdl.Nis1 = tfNIS.Text
```

```
mdl.Nisn1 = tfNISN.Text
```

```
mdl>Nama1 = tfNama.Text
```

```
Dim rb As RadioButton = pnlJK.Controls.OfType(Of  
RadioButton).FirstOrDefault(Function(r) r.Checked = True)
```

```
mdl.Jnsklm1 = rb.Text
```

```
mdl.Tmplhr1 = tfTempatLahir.Text
```

```
mdl.Tgllhr1 = dtTglLahir.Value.ToString("yyyy-MM-dd")
```

```
mdl.Agama1 = cbAgama.selectedValue
```



```

mdl.Aalamat1 = tfAlamat.Text
mdl>Namaotw11 = tfNamaOW.Text
mdl.Aalamatotw11 = tfAlamatOW.Text
mdl.Nohpotw11 = tfNoHPOW.Text
' mdl.Finger1 = tfFinger.Text
mdl.Oldnis1 = id

Return mdl

```

End Function

```
Private Sub aU(type As String, rw As Integer)
```

```

Dim mdl As SiswaMdl = setMdl()
Dim validateHlp As New ValidateHlp
Dim cv As String = validateHlp.ckVld(mdl)

```

```
If cv.Equals("") Then
```

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

```
Dim r As Integer = -1
```

```
Select Case type
```

```
Case "add"
```

```
i = itf.add(mdl)
```

```
Case "updDel"
```

```
r = rw
```

```
i = itf.upd(mdl)
```

```
End Select
```

```
If i > 0 Then
```

```
If r < 0 Then
```

```
MessageBox.Show("Data berhasil disimpan.")
```

```

Dim row As String() = New String() {mdl.Nis1, mdl.Nisn1,
mdl>Nama1, mdl.Jnsklm1, mdl.Tmplhr1, mdl.Tgllhr1, mdl.Agama1,
mdl.Aalamat1, mdl>Namaotw11, mdl.Aalamatotw11, mdl.Nohpotw11,
mdl.Finger1 }

```

```

        lv.Rows.Add(row)
    Else
        MessageBox.Show("Data berhasil diupdate.")

        Dim row As String() = New String() {mdl.Nis1, mdl.Nisn1,
mdl>Nama1, mdl.Jnsklm1, mdl.Tmplhr1, mdl.Tgllhr1, mdl.Agama1,
mdl.Alamat1, mdl>Namaotw11, mdl.Alamatotw11, mdl.Nohpotw11,
mdl.Finger1}

        Dim n = lv.CurrentRow.Index

        lv.Rows.RemoveAt(n)

        lv.Rows.Insert(n, row)

    End If

    setClear()

Else

    MessageBox.Show("Data gagal diEksekusi.")

    End If

Else

    MessageBox.Show(cv)

    End If

End Sub

Private Sub del()

    If itf.del(lv.CurrentRow.Cells(0).Value) > 0 Then

        MessageBox.Show("Data berhasil dihapus.")

        lv.Rows.RemoveAt(lv.CurrentRow.Index)

        setClear()

    Else

        MessageBox.Show("Data gagal dihapus.")

    End If

End Sub

```

```
Private Sub btnAdd_Click(sender As Object, e As EventArgs) Handles  
btnAdd.Click
```

```
    actBtnAdd()
```

```
End Sub
```

```
Private Sub btnUpd_Click(sender As Object, e As EventArgs) Handles  
btnUpd.Click
```

```
    actBtnUpd()
```

```
End Sub
```

```
Private Sub btnDel_Click(sender As Object, e As EventArgs) Handles  
btnDel.Click
```

```
    actBtnDel()
```

```
End Sub
```

```
Private Sub btnCnl_Click(sender As Object, e As EventArgs) Handles  
btnCnl.Click
```

```
    actBtnCancel()
```

```
End Sub
```

```
Private Sub lv_Click(sender As Object, e As EventArgs) Handles lv.Click
```

```
    actLvClicked()
```

```
End Sub
```

```
Private Sub btnBck_Click(sender As Object, e As EventArgs) Handles  
btnBck.Click
```

```
    Close()
```

```
End Sub
```

```
Private Sub pnlHeader_Paint(sender As Object, e As PaintEventArgs)  
Handles pnlHeader.Paint
```

```
End Sub
```

```
Private Sub cbAgama_onItemSelected(sender As Object, e As EventArgs)  
Handles cbAgama.onItemSelected
```

```
End Sub
```

```
End Class
```