**CODING FORM DATA SISWA**

1. **CODING USERFORM INITIALIZE**

Private Sub UserForm\_Initialize()

With cbGender

.AddItem "Laki - Laki"

.AddItem "Perempuan"

End With

With cbGrade

.AddItem "KELAS 10"

.AddItem "KELAS 11"

.AddItem "KELAS 12"

End With

Sheet1.Shapes("Menu1").Fill.ForeColor.RGB = RGB(232, 103, 24)

'Perintah menetralkan warna tombol icon

Sheet1.Shapes("Menu2").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu3").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu4").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu5").Fill.ForeColor.RGB = RGB(50, 35, 81)

End Sub

1. **CODING TOMBOL ADD**

Private Sub cmdAdd\_Click()

Dim DBSISWA As Object

Dim DATASISWABAYAR As Object

Set DBSISWA = Sheet1.Range("B2000").End(xlUp)

Set DATASISWABAYAR = Sheet2.Range("A10000").End(xlUp)

If Me.txtID.Value = "" \_

Or Me.txtName.Value = "" \_

Or Me.cbGender.Value = "" \_

Or Me.cbGrade.Value = "" \_

Or Me.txtAddress.Value = "" \_

Or Me.txtBorn.Value = "" \_

Or Me.txtBirthDay.Value = "" \_

Or Me.txtParents.Value = "" \_

Or Me.txtTelephone.Value = "" Then

Call MsgBox("Harap isi data siswa dengan lengkap", vbInformation, "Data Siswa")

Else

DBSISWA.Offset(1, 0).Value = Me.txtID.Value

DBSISWA.Offset(1, 1).Value = Me.txtName.Value

DBSISWA.Offset(1, 2).Value = Me.cbGender.Value

DBSISWA.Offset(1, 3).Value = Me.cbGrade.Value

DBSISWA.Offset(1, 4).Value = Me.txtAddress.Value

DBSISWA.Offset(1, 5).Value = Me.txtBorn.Value

DBSISWA.Offset(1, 6).Value = Me.txtBirthDay.Value

DBSISWA.Offset(1, 7).Value = Me.txtParents.Value

DBSISWA.Offset(1, 8).Value = Me.txtTelephone.Value

DATASISWABAYAR.Offset(1, 0).Value = Me.txtID.Value

DATASISWABAYAR.Offset(1, 1).Value = Me.txtName.Value

DATASISWABAYAR.Offset(1, 2).Value = Me.cbGrade.Value

Call MsgBox("Data siswa berhasil ditambah", vbInformation, "Data Siswa")

Me.txtID.Value = ""

Me.txtName.Value = ""

Me.cbGender.Value = ""

Me.cbGrade.Value = ""

Me.txtAddress.Value = ""

Me.txtBorn.Value = ""

Me.txtBirthDay.Value = ""

Me.txtParents.Value = ""

Me.txtTelephone.Value = ""

End If

End Sub

1. **CODING TOMBOL DELETE**

Private Sub cmdDelete\_Click()

If Me.txtID.Value = "" Then

Call MsgBox("Data yang dihapus belum dipilih", vbInformation, "Pilih Data")

Else

Select Case MsgBox("Anda akan menghapus data" \_

& vbCrLf & "Apakah anda yakin?" \_

, vbYesNo Or vbQuestion Or vbDefaultButton1, "Hapus data")

Case vbNo

Exit Sub

Case vbYes

End Select

Set FINDSISWA = Sheet1.Range("B9:B100000").Find(WHAT:=Me.txtID.Value, LookIn:=xlValues)

FINDSISWA.Offset(0, 0).ClearContents

FINDSISWA.Offset(0, 1).ClearContents

FINDSISWA.Offset(0, 2).ClearContents

FINDSISWA.Offset(0, 3).ClearContents

FINDSISWA.Offset(0, 4).ClearContents

FINDSISWA.Offset(0, 5).ClearContents

FINDSISWA.Offset(0, 6).ClearContents

FINDSISWA.Offset(0, 7).ClearContents

FINDSISWA.Offset(0, 8).ClearContents

FINDSISWA.Offset(0, 9).ClearContents

Call MsgBox("Data siswa berhasil dihapus", vbInformation, "Hapus Siswa")

Me.txtID.Value = ""

Me.txtName.Value = ""

Me.cbGender.Value = ""

Me.cbGrade.Value = ""

Me.txtAddress.Value = ""

Me.txtBorn.Value = ""

Me.txtBirthDay.Value = ""

Me.txtParents.Value = ""

Me.txtTelephone.Value = ""

UrutDataSiswa

Unload Me

End If

End Sub

1. **MODUL URUT**

Sub UrutDataSiswa()

'Perintah urut data berdasarkan Nama

Application.ScreenUpdating = False

Sheet1.Select

Sheet1.Range("B8:J100000").Sort KEY1:=Range("E8"), Order1:=xlAscending, Header:=xlYes

End Sub

1. **CODING TOMBOL UPDATE**

Private Sub cmdUpdate\_Click()

'Perintah membuat Sumber data yang diubah

Dim BARIS As String

'Perintah mengecek apakah ada data yang diubah

If Me.txtID.Value = "" Then

Call MsgBox("Untuk mengubah Data, Pilih data terlebih dahulu", vbInformation, "Ubah Data")

Else

Set UPDATEDATA = Sheet2.Range("A5:A100000").Find(WHAT:=Me.txtID.Value, LookIn:=xlValues)

'Perintah mengubah data dari kolom pertama

BARIS = ActiveCell.Row

Cells(BARIS, 2) = Me.txtID.Value

Cells(BARIS, 3) = Me.txtName.Value

Cells(BARIS, 4) = Me.cbGender.Value

Cells(BARIS, 5) = Me.cbGrade.Value

Cells(BARIS, 6) = Me.txtAddress.Value

Cells(BARIS, 7) = Me.txtBorn.Value

Cells(BARIS, 8) = Me.txtBirthDay.Value

Cells(BARIS, 9) = Me.txtParents.Value

Cells(BARIS, 10) = Me.txtTelephone.Value

UPDATEDATA.Offset(0, 1).Value = Me.txtName.Value

UPDATEDATA.Offset(0, 2).Value = Me.cbGrade.Value

Call MsgBox("Data Siswa telah diubah", vbInformation, "Ubah Siswa")

Me.txtID.Value = ""

Me.txtName.Value = ""

Me.cbGender.Value = ""

Me.cbGrade.Value = ""

Me.txtAddress.Value = ""

Me.txtBorn.Value = ""

Me.txtBirthDay.Value = ""

Me.txtParents.Value = ""

Me.txtTelephone.Value = ""

Unload Me

End If

End Sub

1. **CODING TOMBOL RESET**

Me.txtID.Value = ""

Me.txtName.Value = ""

Me.cbGender.Value = ""

Me.cbGrade.Value = ""

Me.txtAddress.Value = ""

Me.txtBorn.Value = ""

Me.txtBirthDay.Value = ""

Me.txtParents.Value = ""

Me.txtTelephone.Value = ""

Me.cmdAdd.Enabled = True

Me.txtID.Enabled = True

1. **CODING TOMBOL CLOSE**

Unload Me

Sheet1.Shapes("Menu1").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu2").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu3").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu4").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu5").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu6").Fill.ForeColor.RGB = RGB(50, 35, 81)

1. **CODING QUERY CLOSE**

Sheet1.Shapes("Menu1").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu2").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu3").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu4").Fill.ForeColor.RGB = RGB(50, 35, 81)

Sheet1.Shapes("Menu5").Fill.ForeColor.RGB = RGB(50, 35, 81)