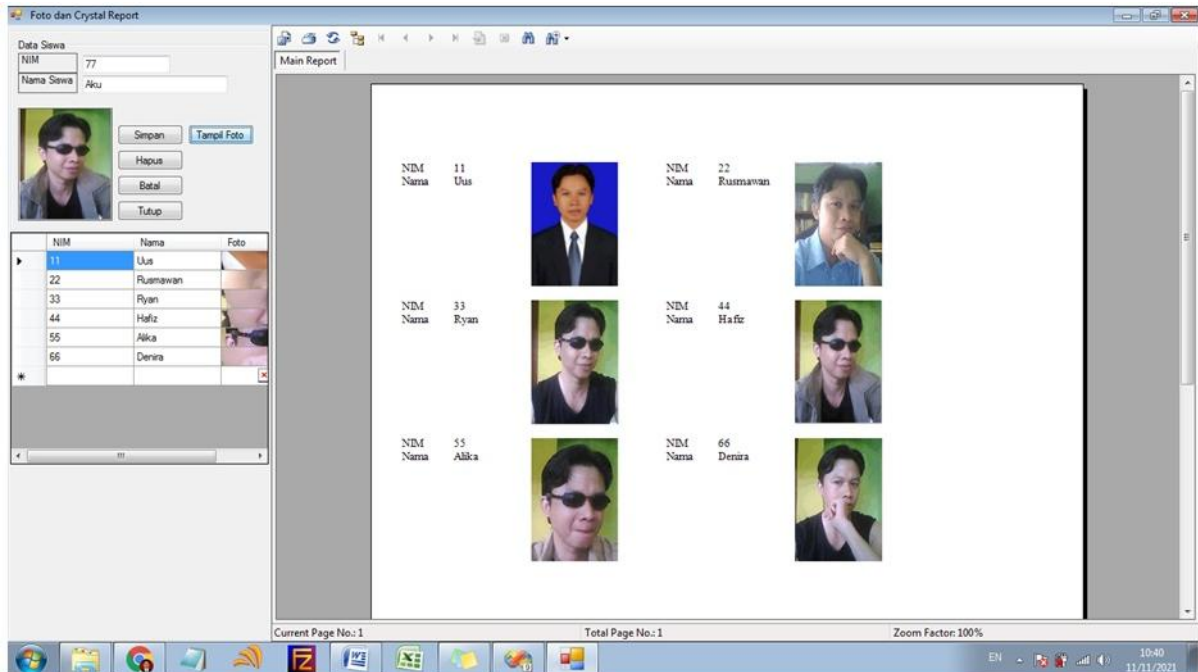


### Menampilkan Foto Gambar Image Picture Dengan Crystal Report 8.5 Database Sqlserver



Membuat database dan tabel

| Table - dbo.TBLSiswa |             |                                     | Summary |
|----------------------|-------------|-------------------------------------|---------|
| Column Name          | Data Type   | Allow Nulls                         |         |
| NIM                  | char(2)     | <input type="checkbox"/>            |         |
| Nama                 | varchar(50) | <input checked="" type="checkbox"/> |         |
| Foto                 | image       | <input checked="" type="checkbox"/> |         |
|                      |             | <input type="checkbox"/>            |         |

Membuat form

The screenshot shows a Windows application window titled "Foto dan Crystal Report". The window is divided into two main sections. The left section contains a form titled "Data Siswa" with two text boxes labeled "NIM" and "Nama Siswa". Below these text boxes is a large empty rectangular area, likely for a photo. To the right of this area are five buttons: "Tampil Foto", "Simpan", "Hapus", "Batal", and "Tutup". Below the form is a table with four columns: "NIM", "Nama", and "Foto". The table contains three rows of data. The first row has NIM 11, Nama Uus, and a photo. The second row has NIM 22, Nama Rusmawan, and a photo. The third row has NIM 33, Nama Ryan, and a photo. The right section of the window is a large empty rectangular area, likely for a Crystal Report. At the bottom of the window, there is a status bar with the text "Current Page Total Page N Zoom Factor".

|   | NIM | Nama     | Foto |
|---|-----|----------|------|
| ▶ | 11  | Uus      |      |
|   | 22  | Rusmawan |      |
|   | 33  | Ryan     |      |

Coding :

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

```
Imports System.IO
```

```
Public Class Form3
```

```
    Dim conn As SqlConnection
```

```
    Dim da As SqlDataAdapter
```

```
    Dim ds As DataSet
```

```
    Dim cmd As SqlCommand
```

```
    Dim dr As SqlDataReader
```

```
    Dim arr() As Byte
```

```
    Sub koneksi()
```

```
        conn = New SqlConnection("data source=user-pc;initial  
catalog=dbfotocr;integrated security=true")
```

```
        conn.Open()
```

```
    End Sub
```

```
    Sub Kosongkan()
```

```
        On Error Resume Next
```

```
        TextBox1.Clear()
```

```
        TextBox2.Clear()
        TextBox1.Focus()
        PictureBox1.Image = Nothing
        TampilGrid()
        conn.Close()
    End Sub

    Sub databaru()
        On Error Resume Next
        TextBox2.Clear()
        TextBox2.Focus()
        PictureBox1.Image = Nothing
    End Sub

    Sub Ketemu()
        On Error Resume Next
        TextBox2.Text = dr(1)
        arr = dr.Item("foto")
        PictureBox1.Image = Image.FromStream(New
I0.MemoryStream(arr))
        PictureBox1.BackgroundImageLayout =
ImageLayout.Stretch
        TextBox2.Focus()
    End Sub

    Sub Carikode()
        Call koneksi()
        cmd = New SqlCommand("select * from tblsiswa where
nim='" & TextBox1.Text & "'", conn)
        dr = cmd.ExecuteReader
        dr.Read()
    End Sub

    Sub TampilGrid()
        koneksi()
        da = New SqlDataAdapter("select * from tblsiswa ORDER
BY 1", conn)
        ds = New DataSet
        da.Fill(ds)
        dgv.DataSource = ds.Tables(0)
        dgv.ReadOnly = True

        On Error Resume Next
        For baris As Integer = 0 To dgv.RowCount - 1
            For kolom As Integer = 0 To dgv.ColumnCount - 1
```

```
                dgv.Columns(kolom).HeaderText =
dgv.Columns(kolom).HeaderText.Replace("_", " ")
            Next
        Next
    End Sub

    Private Sub Form3_Load(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles MyBase.Load
        Me.CenterToScreen()
        Kosongkan()
    End Sub

    Private Sub TextBox1_KeyDown(ByVal sender As Object, ByVal
e As System.Windows.Forms.KeyEventArgs) Handles
TextBox1.KeyDown
        TextBox1.MaxLength = 2 'batas max digit
        If e.KeyCode = Keys.Enter Then
            Call Carikode()
            If dr.HasRows Then
                Call Ketemu()
            Else
                Call databaru()
            End If
        End If
    End Sub

    Private Sub Button1_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles Button1.Click
        If TextBox1.Text = "" Or TextBox2.Text = "" Then
            MsgBox("data belum lengkap")
            Exit Sub
        End If

        Call Carikode()
        If Not dr.HasRows Then
            Call koneksi()
            Dim simpan As String = "insert into tbldiswa
values ('" & TextBox1.Text & "', '" & TextBox2.Text &
"',@foto)"
            cmd = New SqlCommand(simpan, conn)
            Dim MemoryStream As New MemoryStream
            PictureBox1.BackgroundImage.Save(MemoryStream,
PictureBox1.BackgroundImage.RawFormat)
            Dim Dfoto As Byte() = MemoryStream.GetBuffer
            Dim Images As New SqlParameter("@foto",
SqlDbType.Image)
            Images.Value = Dfoto
```

```
cmd.Parameters.Add(Images)
cmd.ExecuteNonQuery()
Kosongkan()
Else
    Call koneksi()
    Dim edit As String = "update tblsiswa set Nama='"
    & TextBox2.Text & "',foto=@foto where nim='" &
    Trim(TextBox1.Text) & "'"
    cmd = New SqlCommand(edit, conn)

    Dim MemoryStream As New MemoryStream
    PictureBox1.BackgroundImage.Save(MemoryStream,
    PictureBox1.BackgroundImage.RawFormat)
    Dim Dfoto As Byte() = MemoryStream.GetBuffer
    Dim Images As New SqlParameter("@foto",
    SqlDbType.Image)
    Images.Value = Dfoto
    cmd.Parameters.Add(Images)
    cmd.ExecuteNonQuery()
    Kosongkan()
End If
End Sub

Private Sub Button2_Click(ByVal sender As System.Object,
ByVal e As System.EventArgs) Handles Button2.Click
    If MessageBox.Show("yakin akan dihapus...?",
    "Perhatian", MessageBoxButtons.YesNo) =
    Windows.Forms.DialogResult.Yes Then
        Call koneksi()
        Dim hapus As String = "delete from tblsiswa where
    nim='" & TextBox1.Text & "'"
        cmd = New SqlCommand(hapus, conn)
        cmd.ExecuteNonQuery()
        Kosongkan()
    Else
        Call Kosongkan()
    End If
End Sub

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

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

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```
End Sub
```

```
Private Sub Button5_Click(ByVal sender As System.Object,  
ByVal e As System.EventArgs) Handles Button5.Click  
    CRV.ReportSource = "foto siswa ok.rpt" 'nama file  
report bergambar  
    CRV.RefreshReport()  
End Sub
```

```
Private Sub PictureBox1_Click(ByVal sender As  
System.Object, ByVal e As System.EventArgs) Handles  
PictureBox1.Click  
    On Error Resume Next  
    If OpenFileDialog1.ShowDialog() =  
Windows.Forms.DialogResult.OK Then  
        PictureBox1.Image = Nothing  
        PictureBox1.BackgroundImage =  
Image.FromFile(OpenFileDialog1.FileName)  
        PictureBox1.BackgroundImageLayout =  
ImageLayout.Stretch  
    End If  
End Sub
```

```
Private Sub dgv_CellMouseClick(ByVal sender As Object,  
ByVal e As  
System.Windows.Forms.DataGridViewCellMouseEventArgs) Handles  
dgv.CellMouseClick  
    On Error Resume Next  
    TextBox1.Text = dgv.Rows(e.RowIndex).Cells(0).Value  
    TextBox2.Text = dgv.Rows(e.RowIndex).Cells(1).Value  
    Carikode()  
    If dr.HasRows Then  
        Ketemu()  
    End If  
End Sub  
End Class
```