Nama : Muhammad Hadiseptian Nursukamto

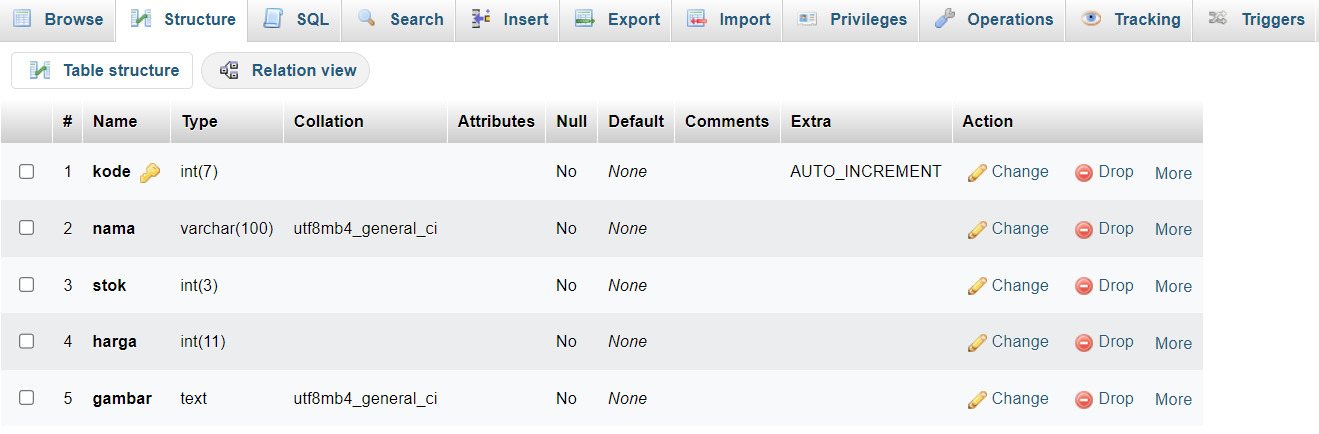
NIM : 2109106058 Kelas : B1’21

Posttest 4

1. Link Video Demo Program

<https://youtu.be/bK8Hc2abjMA>

2. Screenshot Tabel Database



3. Source Code Program

Link Github

<https://github.com/IAmGroots/Praktikum-Pemrograman-Visual>

Module Bantuan

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| Imports MySql.Data.MySqlClient  Module Bantuan  Public PATH\_GAMBAR As String = "D:\Proyek Visual Studio\Praktikum\2109106058\_MuhammadHadiseptianNursukamto\_Posttest4\Database Gambar\"  Public CONN As MySqlConnection  Public CMD As MySqlCommand  Public RD As MySqlDataReader  Public DA As MySqlDataAdapter  Public DS As DataSet  Public DATABASE As String  Sub koneksi()  Try  'DATABASE = "server=localhost;userid=root;password=;database=dbpraktikum"  Dim DATABASE As String = "server=localhost;userid=root;password=;database=dbPraktikum"  CONN = New MySqlConnection(DATABASE)  If CONN.State = ConnectionState.Closed Then  CONN.Open()  End If  Catch ex As Exception  MessageBox.Show(ex.Message)  End Try  End Sub  End Module |

Form Main

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| Public Class Main  Sub tampilkanPanel(ByVal namaForm As Form)  namaForm.TopLevel = False  namaForm.WindowState = FormWindowState.Maximized  panelUtama.Controls.Add(namaForm)  namaForm.Show()  End Sub  Private Sub btn1\_Click(sender As Object, e As EventArgs) Handles btnLihat.Click  btnLihat.BackColor = Color.LightSalmon  btnTambah.BackColor = Color.LightBlue  Dim form = New Lihat  tampilkanPanel(form)  End Sub  Private Sub btnTambah\_Click(sender As Object, e As EventArgs) Handles btnTambah.Click  btnTambah.BackColor = Color.Moccasin  btnLihat.BackColor = Color.LightBlue  Dim form = New Tambah  tampilkanPanel(form)  End Sub  Private Sub Main\_Load(sender As Object, e As EventArgs) Handles MyBase.Load  Dim form = New Lihat  btnLihat.PerformClick()  tampilkanPanel(form)  koneksi()  End Sub  End Class |

Form Lihat

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| Imports MySql.Data.MySqlClient  Public Class Lihat  Private Sub Create\_Load(sender As Object, e As EventArgs) Handles MyBase.Load  koneksi()  DA = New MySqlDataAdapter("Select \* From produk", CONN)  DS = New DataSet  DS.Clear()  DA.Fill(DS, "produk")  Dim dt As DataTable = DS.Tables("produk")  Dim jmlBaris As Integer = dt.Rows.Count  Dim jmlKolom As Integer = dt.Columns.Count  Dim array(jmlBaris - 1, jmlKolom - 1) As String  For i As Integer = 0 To jmlBaris - 1  lblKosong.Visible = False  For j As Integer = 0 To jmlKolom - 1  array(i, j) = dt.Rows(i).Item(j).ToString()  Next  Dim produk As New Produk  With produk  .btnKodeProduk.Text = array(i, 0)  .btnNamaProduk.Text = array(i, 1)  Dim hrg As Integer = array(i, 3)  .btnHargaProduk.Text = "Rp " & FormatNumber(hrg, 0, TriState.True)  .PictureBox1.Image = Image.FromFile(PATH\_GAMBAR & array(i, 4))  End With  produk.TopLevel = False  FlowLayoutPanel1.Controls.Add(produk)  produk.Show()  Next  End Sub  End Class |

Form Tambah

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| Imports System.IO  Imports MySql.Data.MySqlClient  Public Class Tambah  Sub bersihkan()  txtNamaProduk.Text = ""  txtStokProduk.Text = 0  txtHargaProduk.Text = 0  pctGambarProduk.Image = Nothing  txtNamaProduk.Focus()  clickMe.Visible = True  End Sub  Private Sub pctGambarProduk\_Click(sender As Object, e As EventArgs) Handles pctGambarProduk.Click  opnfileGambar.FileName = ""  opnfileGambar.Filter = "JPG Files (\*.jpg)|\*.jpg|JPEG Files (\*.jpeg)|\*.jpeg|PNG Files (\*.png)|\*.png"  If opnfileGambar.ShowDialog() = DialogResult.OK Then  clickMe.Visible = False  Dim lokasiAsal As String = opnfileGambar.FileName  Dim namaFile As String = Path.GetFileName(lokasiAsal)  Dim lokasiTujuan As String = Path.Combine(PATH\_GAMBAR, namaFile)  DA = New MySqlDataAdapter("Select \* From produk", CONN)  DS = New DataSet  DS.Clear()  DA.Fill(DS, "produk")  Dim dt As DataTable = DS.Tables("produk")  Dim jmlBaris As Integer = dt.Rows.Count  Dim jmlKolom As Integer = dt.Columns.Count  Dim array(jmlBaris - 1, jmlKolom - 1) As String  For i As Integer = 0 To jmlBaris - 1  For j As Integer = 0 To jmlKolom - 1  array(i, j) = dt.Rows(i).Item(j).ToString()  Next  If array(i, 4) = namaFile Then  MsgBox("Gambar sudah tersedia", MsgBoxStyle.Information, "Pemberitahuan")  clickMe.Visible = True  Return  End If  Next  pctGambarProduk.Image = Image.FromFile(lokasiAsal)  File.Copy(lokasiAsal, lokasiTujuan, True)  End If  End Sub  Private Sub clickMe\_Click(sender As Object, e As EventArgs) Handles clickMe.Click  opnfileGambar.FileName = ""  opnfileGambar.Filter = "JPG Files (\*.jpg)|\*.jpg|JPEG Files (\*.jpeg)|\*.jpeg|PNG Files (\*.png)|\*.png"  If opnfileGambar.ShowDialog() = DialogResult.OK Then  clickMe.Visible = False  Dim lokasiAsal As String = opnfileGambar.FileName  Dim namaFile As String = Path.GetFileName(lokasiAsal)  Dim lokasiTujuan As String = Path.Combine(PATH\_GAMBAR, namaFile)  DA = New MySqlDataAdapter("Select \* From produk", CONN)  DS = New DataSet  DS.Clear()  DA.Fill(DS, "produk")  Dim dt As DataTable = DS.Tables("produk")  Dim jmlBaris As Integer = dt.Rows.Count  Dim jmlKolom As Integer = dt.Columns.Count  Dim array(jmlBaris - 1, jmlKolom - 1) As String  For i As Integer = 0 To jmlBaris - 1  For j As Integer = 0 To jmlKolom - 1  array(i, j) = dt.Rows(i).Item(j).ToString()  Next  If array(i, 4) = namaFile Then  MsgBox("Gambar sudah tersedia", MsgBoxStyle.Information, "Pemberitahuan")  clickMe.Visible = True  Return  End If  Next  pctGambarProduk.Image = Image.FromFile(lokasiAsal)  File.Copy(lokasiAsal, lokasiTujuan, True)  End If  End Sub  Private Sub txtNamaProduk\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtNamaProduk.KeyPress  If e.KeyChar = Chr(13) Then  txtStokProduk.Focus()  End If  End Sub  Private Sub txtStokProduk\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtStokProduk.KeyPress  If Asc(e.KeyChar) <> 8 Then  If Asc(e.KeyChar) < 48 Or Asc(e.KeyChar) > 57 Then  e.Handled = True  End If  End If  If e.KeyChar = Chr(13) Then  txtHargaProduk.Focus()  End If  End Sub  Private Sub txtHargaProduk\_KeyPress(sender As Object, e As KeyPressEventArgs) Handles txtHargaProduk.KeyPress  If Asc(e.KeyChar) <> 8 Then  If Asc(e.KeyChar) < 48 Or Asc(e.KeyChar) > 57 Then  e.Handled = True  End If  End If  If e.KeyChar = Chr(13) Then  clickMe.PerformClick()  End If  End Sub  Private Sub btnSimpan\_Click(sender As Object, e As EventArgs) Handles btnSimpan.Click  If txtNamaProduk.Text = "" Then  txtNamaProduk.Focus()  Return  ElseIf txtStokProduk.Text = 0 Then  txtStokProduk.Focus()  Return  ElseIf txtHargaProduk.Text = 0 Then  txtHargaProduk.Focus()  Return  ElseIf pctGambarProduk.Image.Equals(Nothing) Then  MsgBox("Gambar belum diisi", MsgBoxStyle.Information, "Pemberitahuan")  Return  End If  Dim namaProduk As String = txtNamaProduk.Text  Dim stokProduk As Integer = txtStokProduk.Text  Dim hargaProduk As Integer = txtHargaProduk.Text  Dim gambarProduk As String = Path.GetFileName(opnfileGambar.FileName)  'kode nama stok harga gambar  Dim query As String = "Insert Into produk(kode, nama, stok, harga, gambar) Values (NULL, '" & namaProduk & "', '" & stokProduk & "', '" & hargaProduk & "', '" & gambarProduk & "')"  CMD = New MySqlCommand(query, CONN)  CMD.ExecuteNonQuery()  MsgBox("Produk Berhasil Ditambahkan", MsgBoxStyle.Information, "Pemberitahuan")  bersihkan()  End Sub  Private Sub btnBatal\_Click(sender As Object, e As EventArgs) Handles btnBatal.Click  bersihkan()  End Sub  Private Sub Tambah\_Load(sender As Object, e As EventArgs) Handles MyBase.Load  koneksi()  bersihkan()  End Sub  End Class |

Form Produk

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| Public Class Produk  Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click  MsgBox("Fitur dalam tahap pengembangan", MsgBoxStyle.Information, "Pemberitahuan")  'MsgBox("Gambar belum diisi", MsgBoxStyle.Information, "Pemberitahuan")  End Sub  Private Sub Button4\_Click(sender As Object, e As EventArgs) Handles Button4.Click  MsgBox("Fitur dalam tahap pengembangan", MsgBoxStyle.Information, "Pemberitahuan")  End Sub  End Class |