

Github : https://github.com/agasusantooo/Pemrograman_Desktop

1. Memunculkan ukuran garis tepi

Private Sub PictureBox1_MouseUp(ByVal sender As Object, ByVal e As System.Windows.Forms.MouseEventArgs) Handles PictureBox1.MouseUp

SimpanKeHistory()

Select Case modegambar

Case "garis"

Using g As Graphics = Graphics.FromImage(PictureBox1.Image)

g.DrawLine(tepi, titik, e.Location)

End Using

Case "kotak"

Dim rect As New Rectangle(titik.X, titik.Y, e.X - titik.X, e.Y - titik.Y)

Using g As Graphics = Graphics.FromImage(PictureBox1.Image)

g.DrawRectangle(tepi, rect)

End Using

Case "elips"

Dim rect As New Rectangle(titik.X, titik.Y, e.X - titik.X, e.Y - titik.Y)

Using g As Graphics = Graphics.FromImage(PictureBox1.Image)

g.DrawEllipse(tepi, rect)

End Using

Case "kotakisi"

Dim rect As New Rectangle(titik.X, titik.Y, e.X - titik.X, e.Y - titik.Y)

Using g As Graphics = Graphics.FromImage(PictureBox1.Image)

g.FillRectangle(isian, rect)

End Using

Case "elipsisi"

```

Dim rect As New Rectangle(titik.X, titik.Y, e.X - titik.X, e.Y - titik.Y)

Using g As Graphics = Graphics.FromImage(PictureBox1.Image)

    g.FillEllipse(isian, rect)

End Using

End Select

PictureBox1.Invalidate()

dipencet = False

dipencet = False

If (titik.X <> e.X And titik.Y <> e.Y) Then

    TextBox1.AppendText("o " + "warnatepi" + " " + warnatepi.R.ToString + " " +
warnatepi.G.ToString + " " + warnatepi.B.ToString & vbNewLine)

    TextBox1.AppendText("o " + "warnaisian" + " " + warnaisian.R.ToString + " " +
warnaisian.G.ToString + " " + warnaisian.B.ToString & vbNewLine)

    TextBox1.AppendText("o " + modegambar + " " + titik.X.ToString + " " +
titik.Y.ToString + " " + e.X.ToString + " " + e.Y.ToString & vbNewLine)

    TextBox1.AppendText("o " + "ukuran garis tepi" + " " + tepi.Width.ToString() &
vbNewLine) Kode ini yang dibuat untuk memunculkan ukuran garis tepi di textbox

End If

End Sub

```

Kemudian ini untuk bagian menyimpan :

```
Private Sub SimpanToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles SimpanToolStripMenuItem.Click
```

```
    Dim sfd As New SaveFileDialog
```

```
    sfd.Filter = "Text Files (*.txt)|*.txt"
```

```
    sfd.DefaultExt = ".txt"
```

```
    sfd.AddExtension = True
```

```
    If sfd.ShowDialog = DialogResult.OK Then
```

```
        File.WriteAllText(sfd.FileName, TextBox1.Text)
```

```
    End If
```

```
End Sub
```

Kemudian ini untuk bagian membuka :

```
Private Sub BukaToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles BukaToolStripMenuItem.Click
```

```
    Dim ofd As New OpenFileDialog
```

```
    ofd.Filter = "Text Files (*.txt)|*.txt"
```

```
    If ofd.ShowDialog = DialogResult.OK Then
```

```
        Dim isi As String = File.ReadAllText(ofd.FileName)
```

```
        TextBox1.Text = isi
```

```
        btnGbrUlang.PerformClick() ' Gambar ulang setelah file dibuka
```

```
    End If
```

```
End Sub
```

2. Bagian undo

```
Private Sub btnUndo_Click(sender As Object, e As EventArgs) Handles btnUndo.Click
```

```
    If TextBox1.Lines.Length = 0 Then
```

```
    MessageBox.Show("Tidak ada aksi yang bisa di-undo.", "Undo", MessageBoxButtons.OK,  
    MessageBoxIcon.Information)
```

```
    Return
```

```
End If
```

```
' Deteksi jumlah baris yang perlu dihapus
```

```
Dim lines As List(Of String) = TextBox1.Lines.ToList()
```

```
Dim jumlahBarisDihapus As Integer = 0
```

```
' Mundur dari bawah untuk mencari baris mode gambar terakhir
```

```
For i As Integer = lines.Count - 1 To 0 Step -1
```

```
    jumlahBarisDihapus += 1
```

```
    Dim baris = lines(i)
```

```
    If baris.StartsWith("o ") Then
```

```
        Dim kata() = baris.Split(" "c)
```

```
        If kata.Length > 1 Then
```

```
            Select Case kata(1)
```

```
                Case "garis", "kotak", "kotakisi", "elips", "elipsisi"
```

```
                    Exit For ' selesai, karena sudah ketemu aksi utama terakhir
```

```
            End Select
```

```
        End If
```

```
    End If
```

```
Next
```

```
' Hapus sejumlah baris tersebut
```

```
lines.RemoveRange(lines.Count - jumlahBarisDihapus, jumlahBarisDihapus)
```

```
TextBox1.Lines = lines.ToArray()
```

' Bersihkan dan gambar ulang

btnBersihkan.PerformClick()

btnGbrUlang.PerformClick()

End Sub