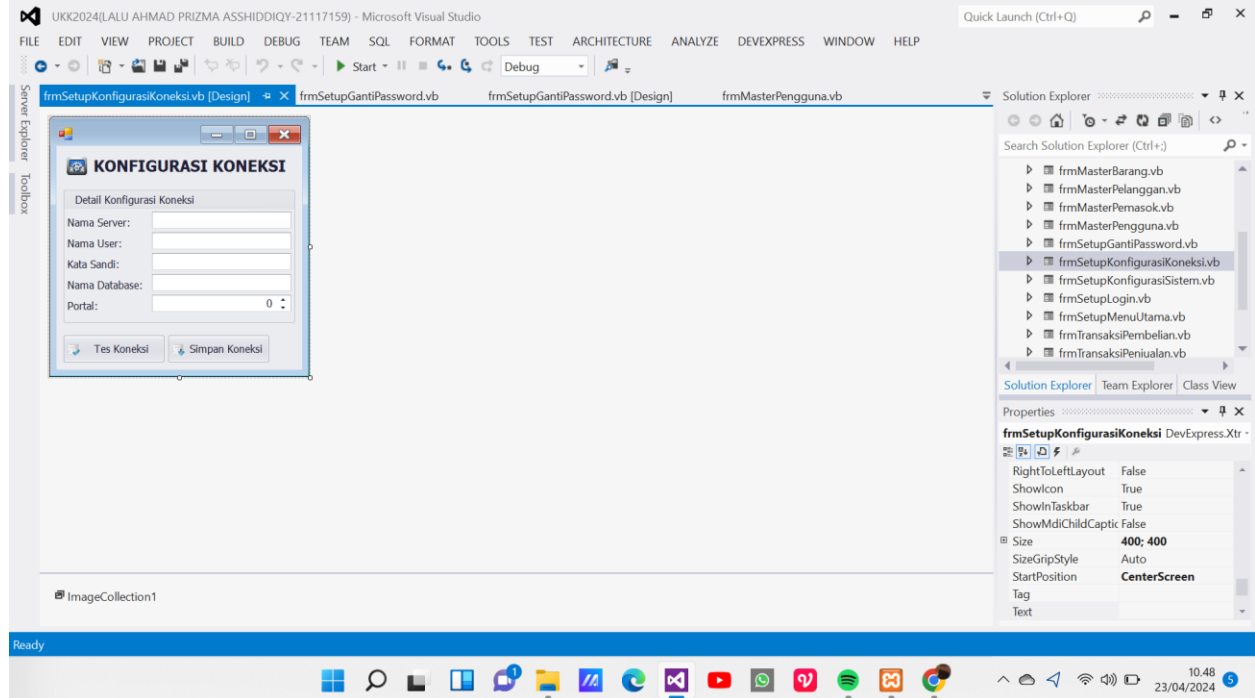Form Konfigurasi Koneksi

-Desain



-Coding

```vb
Imports MySql.Data.MySqlClient

Public Class frmSetupKonfigurasiKoneksi

    Sub TampilMySetting()
        'menampilkan isi my.setting ke komponen pada konfigurasi koneksi
        txtNamaServer.Text = My.Settings.konNamaServer
        txtNamaUser.Text = My.Settings.konNamaUser
        txtKataSandi.Text = My.Settings.konKataSandi
        txtNamaDatabase.Text = My.Settings.konNamaDatabase
        txtPortal.Value = My.Settings.konPortal
    End Sub

    Sub TesKoneksi()
        'pengecekan inputan apakah sudah terisi atau belum
        If txtNamaServer.Text = "" Or txtNamaUser.Text = "" Or txtNamaDatabase.Text = ""
Or txtPortal.Value = 0 Then
            MessageBox.Show("Nama Server, Nama user, Nama Database, dan Portal wajib
diisi.", "Validasi", MessageBoxButtons.OK, MessageBoxIcon.Warning)
            Exit Sub 'membatalkan koding tes koneksi
        End If
```

```vb
        Try
            'melakukan koneksi berdasarkan inputan yang ada di konfigurasi koneksi
            Dim Alamat As String = "server=" & txtNamaServer.Text & ";user id=" &
txtNamaUser.Text & ";password=" & txtKataSandi.Text & ";database=" & txtNamaDatabase.Text
& ";port=" & txtPortal.Value & ""
            Dim Koneksi As New MySqlConnection(Alamat)
            Koneksi.Open()
            Koneksi.Close()
            MessageBox.Show("Koneksi Berhasil.", "Informasi", MessageBoxButtons.OK,
MessageBoxIcon.Information)
        Catch ex As Exception
            MessageBox.Show("Koneksi Gagal. " & ex.Message, "Informasi",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        End Try
    End Sub

    Sub SimpanKoneksi()

        'pengecekan inputan apakah sudah terisi atau belum
        If txtNamaServer.Text = "" Or txtNamaUser.Text = "" Or txtNamaDatabase.Text = ""
Or txtPortal.Value = 0 Then
            MessageBox.Show("Nama Server, Nama user, Nama Database, dan Portal wajib
diisi.", "Validasi", MessageBoxButtons.OK, MessageBoxIcon.Warning)
            Exit Sub 'membatalkan koding tes koneksi
        End If

        Try
            'melakukan koneksi berdasarkan inputan yang ada di konfigurasi koneksi
            Dim Alamat As String = "server=" & txtNamaServer.Text & ";user id=" &
txtNamaUser.Text & ";password=" & txtKataSandi.Text & ";database=" & txtNamaDatabase.Text
& ";port=" & txtPortal.Value & ""
            Dim Koneksi As New MySqlConnection(Alamat)
            Koneksi.Open()
            Koneksi.Close()
            'menyimpan hasil settingan ke my.setting
            My.Settings.konNamaServer = txtNamaServer.Text
            My.Settings.konNamaUser = txtNamaUser.Text
            My.Settings.konKataSandi = txtKataSandi.Text
            My.Settings.konNamaDatabase = txtNamaDatabase.Text
            My.Settings.konPortal = txtPortal.Value
            My.Settings.Save()
            Me.Close()
        Catch ex As Exception
            MessageBox.Show("Koneksi Gagal. " & ex.Message, "Informasi",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        End Try
    End Sub

    Private Sub frmSetupKonfigurasiKoneksi_KeyDown(sender As Object, e As KeyEventArgs)
Handles Me.KeyDown
        'tempat shortcut
        Select Case e.KeyCode
            Case e.Control And Keys.T
                TesKoneksi()
            Case e.Control And Keys.S
                SimpanKoneksi()
            Case Keys.Escape
```

```vbnet
                Me.Close()
        End Select
    End Sub

    Private Sub frmSetupKonfigurasiKoneksi_Load(sender As Object, e As EventArgs) Handles
MyBase.Load
        Me.KeyPreview = True
        txtKataSandi.Properties.UseSystemPasswordChar = True
        TampilMySetting()
    End Sub

    Private Sub SimpleButton1_Click(sender As Object, e As EventArgs) Handles
SimpleButton1.Click
        TesKoneksi()
    End Sub

    Private Sub SimpleButton2_Click(sender As Object, e As EventArgs) Handles
SimpleButton2.Click
        SimpanKoneksi()
    End Sub
End Class
```