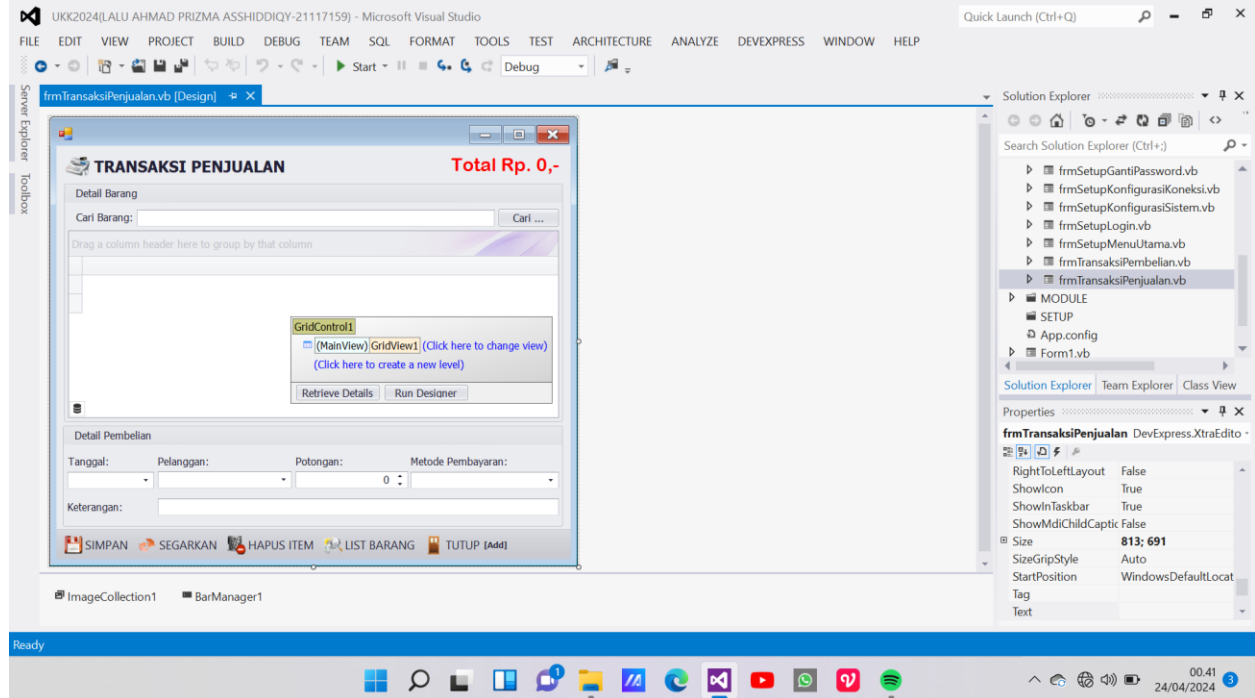


Form Transaksi Penjualan

-Desain



-Coding

```
Public Class frmTransaksiPenjualan
```

```
    Dim Tampung As New DataTable
```

```
    Dim TotalPenjualan As Double
```

```
    Sub TampilTotalHarga()
```

```
        'menghitung dan menampilkan kolom TOTAL_HARGA pada tabel
```

```
        Dim Total As Double = 0
```

```
        For Each isi In Tampung.Select()
```

```
            Total = Total + isi.Item("TOTAL_HARGA")
```

```
        Next
```

```
        TotalPenjualan = Total
```

```
        txtTotal.Text = "Total Rp. " & Format(Total, "#,##0") & ", -"
```

```
        GridView1.BestFitColumns()
```

```
    End Sub
```

```
    Sub TampilPelanggan()
```

```
        Dim Pelanggan = EksekusiSQL("select * from pelanggan").Select()
```

```
        txtPelanggan.Properties.Items.Clear()
```

```
        For Each isi In Pelanggan
```

```

        txtPelanggan.Properties.Items.Add(isi.Item("NAMA_PELANGGAN") & ">" &
isi.Item("ID_PELANGGAN"))
    Next
End Sub

Sub TampilTabel()
    'menampilkan template dari tabel pembelian_detil
    Tampung = EksekusiSQL("select
JUMLAH,penjualan_detil.ID_BARANG,NAMA_BARANG,SATUAN,HARGA_SATUAN,TOTAL_HARGA from
penjualan_detil,barang where penjualan_detil.ID_BARANG=barang.ID_BARANG and
ID_PENJUALAN=''")
    GridControl1.DataSource = Tampung
End Sub

Sub Segarkan()
    TampilTabel() 'tampil ulang isi tabel
    txtCari.Text = ""
    txtTanggal.DateTime = Now
    TampilPelanggan() 'tampil ulang pilihan pemasok
    txtPelanggan.SelectedIndex = -1
    txtPotongan.Value = 0
    txtMetodePembayaran.SelectedIndex = 0
    txtKeterangan.Text = ""
    TotalPenjualan = 0
    TampilTotalHarga() 'tampil ulang label total
    txtCari.Focus()
End Sub

Sub TambahItemBarang()
    Dim CariBarang = EksekusiSQL("select * from barang where ID_BARANG='' &
txtCari.Text & "'or BARCODE='" & txtCari.Text & "'").Select()
    If CariBarang.Length > 0 Then 'pengecekan barang ada atau tidak
        'disini lanjut
        Dim CariDataTabel = Tampung.Select("ID_BARANG='" &
CariBarang(0).Item("ID_BARANG") & "'")
        If CariDataTabel.Length <= 0 Then
            'tambah ke tabel
            'pengecekan stok sebelum ditambahkan di tabel
            If CariBarang(0).Item("STOK") < 0 Then
                MessageBox.Show("Stok tidak ada.", "Validasi", MessageBoxButtons.OK,
MessageBoxIcon.Warning)
                Exit Sub 'membatalkan penambahan
            End If
            Dim DataBaru = Tampung.NewRow
            DataBaru.Item("JUMLAH") = 1
            DataBaru.Item("ID_BARANG") = CariBarang(0).Item("ID_BARANG")
            DataBaru.Item("NAMA_BARANG") = CariBarang(0).Item("NAMA_BARANG")
            DataBaru.Item("SATUAN") = CariBarang(0).Item("SATUAN")
            DataBaru.Item("HARGA_SATUAN") = CariBarang(0).Item("HARGA_BELI")
            DataBaru.Item("TOTAL_HARGA") = DataBaru.Item("JUMLAH") *
DataBaru.Item("HARGA_SATUAN")
            Tampung.Rows.Add(DataBaru) 'tambahkan isian baris baru pada tampung
            TampilTotalHarga()
            txtCari.Text = ""
            txtCari.Focus()

        Else
            'tambah jumlahnya dan hitung ulang TOTAL_HARGA

```

```

        'pengecekan stok sebelum diubah di tabel
        If CariBarang(0).Item("STOK") < CariDataTabel(0).Item("JUMLAH") + 1 Then
            MessageBox.Show("Stok tersedia " & CariBarang(0).Item("STOK") & ".",
"Validasi", MessageBoxButtons.OK, MessageBoxIcon.Warning)
            Exit Sub 'membatalkan penambahan
        End If
        CariDataTabel(0).Item("JUMLAH") = CariDataTabel(0).Item("JUMLAH") + 1
        CariDataTabel(0).Item("TOTAL_HARGA") = CariDataTabel(0).Item("JUMLAH") *
CariDataTabel(0).Item("HARGA_SATUAN")
        TampilTotalHarga()
        txtCari.Text = ""
        txtCari.Focus()

    End If
Else
    MessageBox.Show("Barang tidak ditemukan.", "Validasi", MessageBoxButtons.OK,
MessageBoxIcon.Warning)
    txtCari.Text = ""
    txtCari.Focus()
End If
End Sub

Sub HapusItemBarang()
    If GridView1.RowCount <= 0 Then
        MessageBox.Show("Item barang belum ditambahkan.", "Validasi",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        Exit Sub
    End If
    If MessageBox.Show("Item barang akan dihapus. Lanjutkan?", "Validasi",
MessageBoxButtons.YesNo, MessageBoxIcon.Question) = Windows.Forms.DialogResult.Yes Then
        GridView1.DeleteSelectedRows()
        TampilTotalHarga()
        txtCari.Text = ""
        txtCari.Focus()
    End If
End Sub

Sub ListBarang()
    frmListBarang.NilaiKiriman = 2
    frmListBarang.WindowState = FormWindowState.Maximized
    frmListBarang.ShowDialog()
End Sub

Sub Simpan()
    'pengecekan data
    If txtTanggal.Text = "" Or txtPelanggan.Text = "" Or txtMetodePembayaran.Text =
"" Then
        MessageBox.Show("Tanggal, Pelanggan, dan Metode Pembayaran wajib diisi.",
"Validasi", MessageBoxButtons.OK, MessageBoxIcon.Warning)
        Exit Sub
    End If
    If GridView1.RowCount <= 0 Then
        MessageBox.Show("Data item belum ditambahkan.", "Validasi",
MessageBoxButtons.OK, MessageBoxIcon.Warning)
        Exit Sub
    End If
    'pembuatan kode otomatis (auto increment)
    Dim NomorTransaksi As Integer

```

```

Try
    NomorTransaksi = EksekusiSQL("select max(ID_PENJUALAN) as ID_PENJUALAN from
penjualan").Select()(0).Item("ID_PENJUALAN") + 1
Catch ex As Exception
    NomorTransaksi = 1
End Try
'mengisi tabel penjualan
EksekusiSQL("insert into
penjualan(ID_PENJUALAN,TANGGAL,ID_PELANGGAN,TOTAL_PENJUALAN,POTONGAN,METODE PEMBAYARAN,KE
TERANGAN,ID_PENGGUNA) values('" & NomorTransaksi & "','" & Format(txtTanggal.DateTime,
"yyyy-MM-dd") & "','" & txtPelanggan.Text.Split(">")(1) & "','" & TotalPenjualan & "','"
& txtPotongan.Value & "','" & txtMetodePembayaran.Text & "','" & txtKeterangan.Text &
 "','" & My.Settings.lgnID & "')")
'mengisi tabel penjualan detail
For Each isi In Tampung.Select()
    EksekusiSQL("insert into
penjualan_detil(ID_PENJUALAN,ID_BARANG,JUMLAH,HARGA_SATUAN,TOTAL_HARGA) values('" &
NomorTransaksi & "','" & isi.Item("ID_BARANG") & "','" & isi.Item("JUMLAH") & "','" &
isi.Item("HARGA_SATUAN") & "','" & isi.Item("TOTAL_HARGA") & "')")
    'koding ngojek untuk merubah/menambah stok pada barang
    'ambil data stok pada barang
    'Dim Stok = EksekusiSQL("select STOK from barang where ID_BARANG='" &
isi.Item("ID_BARANG") & "'").Select()(0).Item("STOK")
    'Dim StokBaru = Stok - isi.Item("JUMLAH")
    'mengubah data stok dengan stok baru
    'EksekusiSQL("update barang set STOK='" & StokBaru & "' where ID_BARANG='" &
isi.Item("ID_BARANG") & "'")
Next
'pembersihan ulang
Segarkan()
MessageBox.Show("Transaksi Berhasil.", "Informasi", MessageBoxButtons.OK,
MessageBoxIcon.Information)
'akan ada koding cetak di sini lain waktu
End Sub

Sub Tutup()
    If GridView1.RowCount > 0 Then
        If MessageBox.Show("Transaksi akan ditutup. Lanjutkan?", "Validasi",
MessageBoxButtons.YesNo, MessageBoxIcon.Question) = Windows.Forms.DialogResult.Yes Then
            Me.Close()
        End If
    Else
        Me.Close()
    End If
End Sub

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

Private Sub frmTransaksiPenjualan_KeyDown(sender As Object, e As KeyEventArgs)
Handles Me.KeyDown
    Select Case e.KeyCode
        Case Keys.Enter
            TambahItemBarang()
        Case e.Control And Keys.S
            Simpan()

```

```

        Case Keys.F5
            Segarkan()
        Case e.Control And Keys.D
            HapusItemBarang()
        Case Keys.F1
            ListBarang()
        Case Keys.Escape
            Tutup()
    End Select
End Sub

Private Sub frmTransaksiPenjualan_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    Me.KeyPreview = True
    GridView1.OptionsView.ColumnAutoWidth = False 'supaya kolom tidak mengikuti ukuran tabel
    GridView1.OptionsView.ShowGroupPanel = False 'menghilangkan group panel
    txtPelanggan.Properties.TextEditMode =
DevExpress.XtraEditors.Controls.TextEditStyles.DisableTextEditor
    txtMetodePembayaran.Properties.TextEditMode =
DevExpress.XtraEditors.Controls.TextEditStyles.DisableTextEditor
    Segarkan()
    GridView1.Columns("ID_BARANG").OptionsColumn.AllowEdit = False
    GridView1.Columns("NAMA_BARANG").OptionsColumn.AllowEdit = False
    GridView1.Columns("TOTAL_HARGA").OptionsColumn.AllowEdit = False
End Sub

Private Sub BarButtonItem1_ItemClick(sender As Object, e As
DevExpress.XtraBars.ItemClickEventArgs) Handles BarButtonItem1.ItemClick
    Simpan()
End Sub

Private Sub BarButtonItem2_ItemClick(sender As Object, e As
DevExpress.XtraBars.ItemClickEventArgs) Handles BarButtonItem2.ItemClick
    Segarkan()
End Sub

Private Sub BarButtonItem3_ItemClick(sender As Object, e As
DevExpress.XtraBars.ItemClickEventArgs) Handles BarButtonItem3.ItemClick
    HapusItemBarang()
End Sub

Private Sub BarButtonItem4_ItemClick(sender As Object, e As
DevExpress.XtraBars.ItemClickEventArgs) Handles BarButtonItem4.ItemClick
    ListBarang()
End Sub

Private Sub BarButtonItem5_ItemClick(sender As Object, e As
DevExpress.XtraBars.ItemClickEventArgs) Handles BarButtonItem5.ItemClick
    Tutup()
End Sub

Private Sub GridView1_CellValueChanged(sender As Object, e As
DevExpress.XtraGrid.Views.Base.CellValueChangedEventArgs) Handles
GridView1.CellValueChanged
    'pengecekan kolom yang di rubah
    Select Case e.Column.GetTextCaption
        Case "JUMLAH"

```

```

        'pengecekan stok sebelum diubah di tabel
        Dim Barang = EksekusiSQL("select * from barang where ID_BARANG='" &
GridView1.GetFocusedRowCellValue("ID_BARANG") & "'").Select()
        If Barang(0).Item("STOK") < GridView1.GetFocusedRowCellValue("JUMLAH")
Then
            MessageBox.Show("Stok tersedia " & Barang(0).Item("STOK") & ".",
"Validasi", MessageBoxButtons.OK, MessageBoxIcon.Warning)
            GridView1.SetFocusedRowCellValue("JUMLAH", Barang(0).Item("STOK"))
            Exit Sub 'membatalkan penambahan
        End If
        'hitung total harga
        Dim TotalHarga = GridView1.GetFocusedRowCellValue("JUMLAH") *
GridView1.GetFocusedRowCellValue("HARGA_SATUAN")
        GridView1.SetFocusedRowCellValue("TOTAL_HARGA", TotalHarga)
        Case "HARGA_SATUAN"
            'hitung total harga
            Dim TotalHarga = GridView1.GetFocusedRowCellValue("JUMLAH") *
GridView1.GetFocusedRowCellValue("HARGA_SATUAN")
            GridView1.SetFocusedRowCellValue("TOTAL_HARGA", TotalHarga)
        End Select
        TampilTotalHarga()
    End Sub
End Class

```