

Pemrograman Dekstop

Laporan Akhir



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PROGRAM STUDI SISTEM INFORMASI

FAKULTAS ILMU KOMPUTER

UNIVERSITAS PEMBANGUNAN NASIONAL "VETERAN" JAWA TIMUR

SURABAYA

2022

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BAB I

PENDAHULUAN

A. Latar Belakang

Studi Kasus yang kami ambil dan kami terapkan untuk Final Project Pemrograman Desktop adalah Warung Kopi, dimana dalam warung ini pelanggan dapat melakukan pemesanan makanan dan minuman secara terus menerus tanpa mengganti nomor id pesanan atau antrian, dan admin dapat melihat riwayat dari penjualan makanan dan minuman yang ada pada warung makan serta dapat melihat stok barang yang dimiliki warung tersebut.

BAB 2

ISI

B. Data Flow Diagram

Diagram Konteks (Level 0)

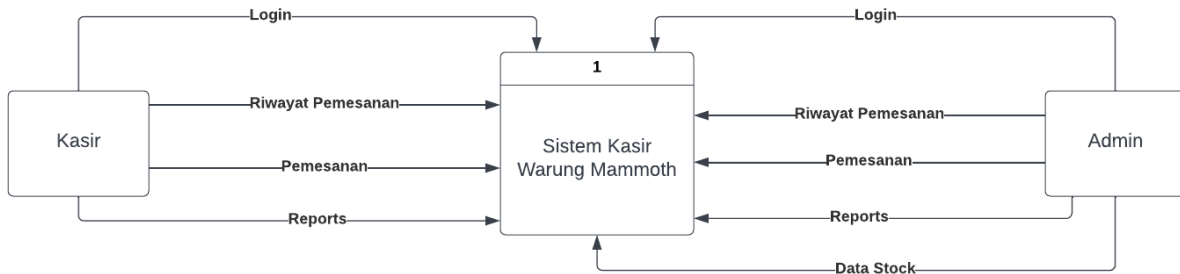
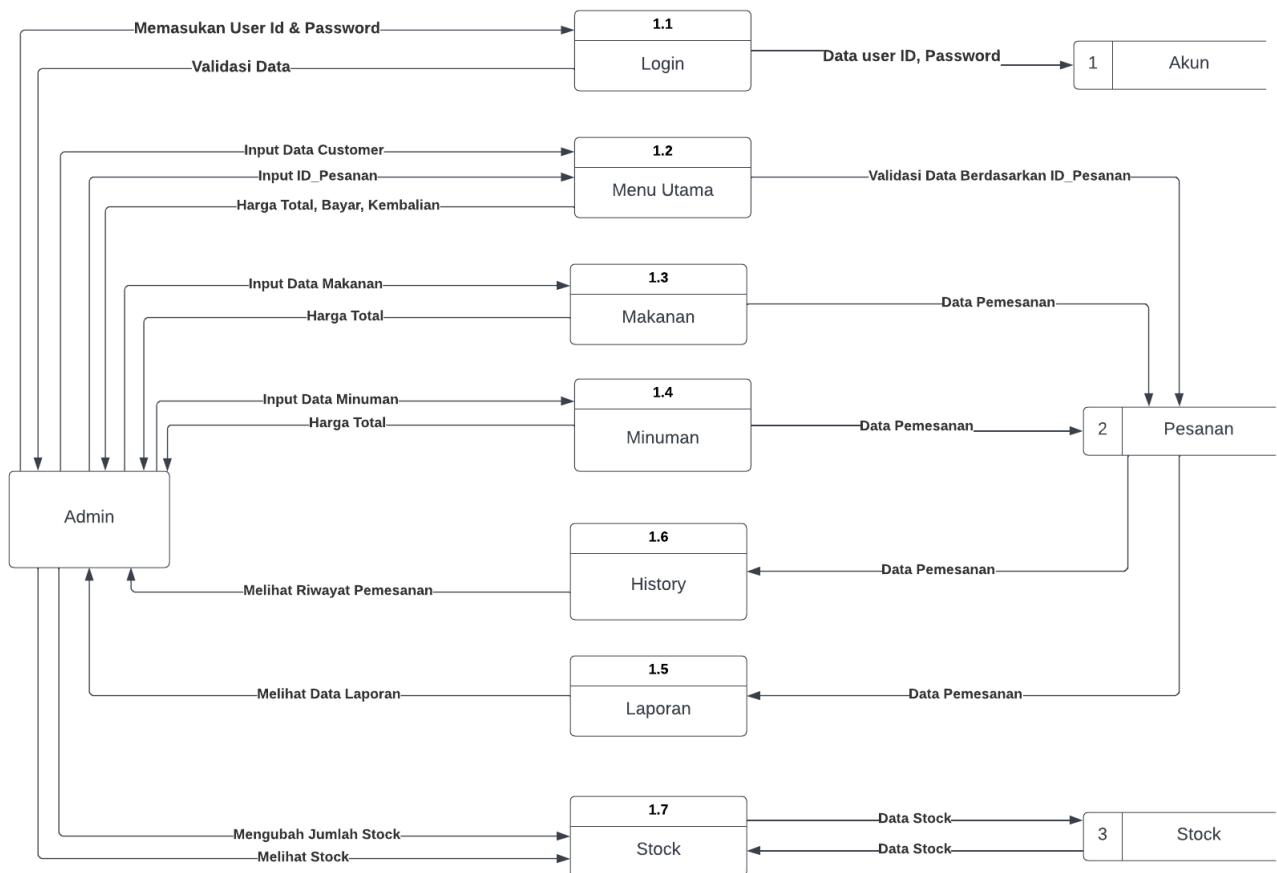
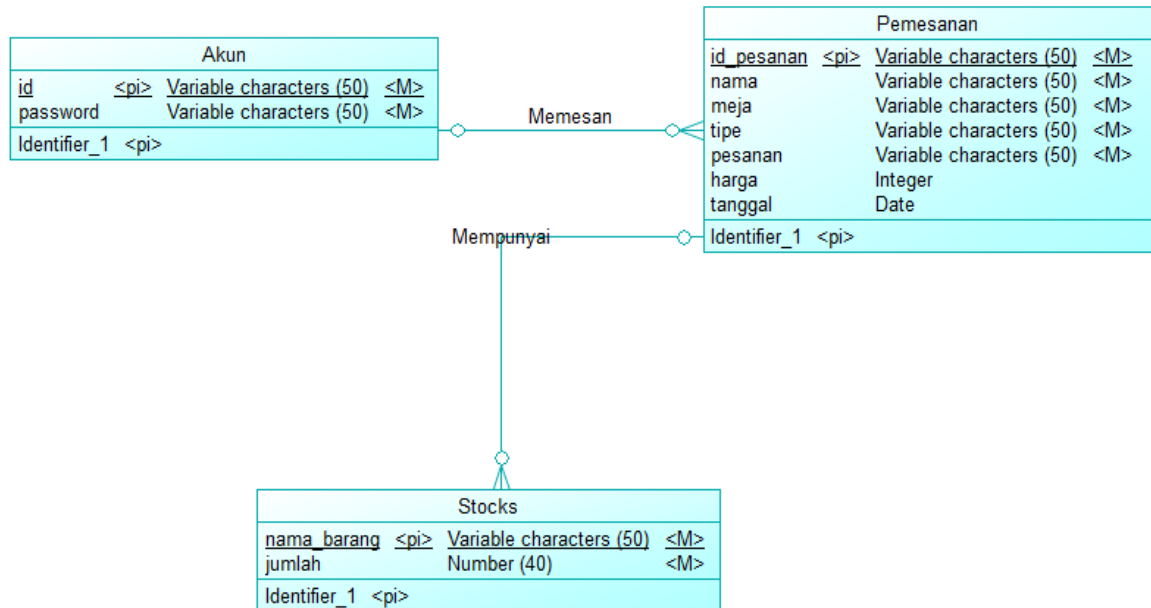


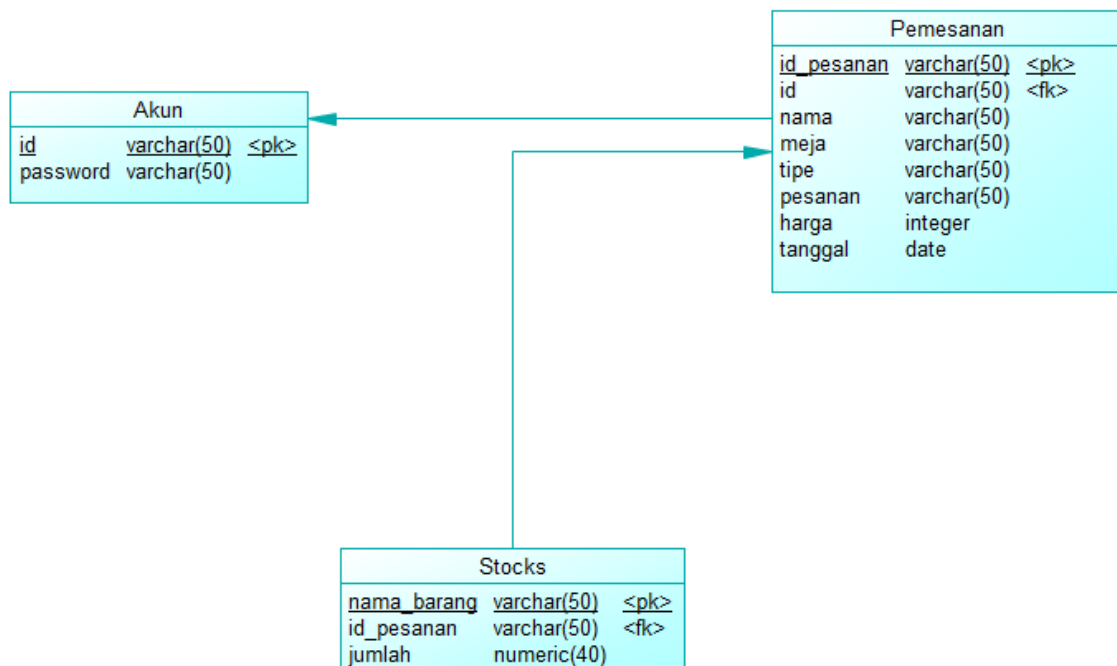
Diagram Level 1



C. CDM



D. PDM



E. Warung Makanan

1. Form Login (Mirza Khazim Nugraha_181)



LoginForm

WARUNG MAMMOTH

Silahkan Login

ID admin Login

Password ***** ☐ Show Password

CREATED BY KELOMPOK 9 [Shutdown](#)

Source Code:

```
Imports System.Data.OracleClient
Imports System.Data.SqlClient
Public Class LoginForm
```

```
    Public Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
        Dim conn As OracleConnection = New OracleConnection("data
source=(DESCRIPTION = " &
        "(ADDRESS = (PROTOCOL = TCP)(HOST = LAPTOP-FLAPCOIQ)(PORT =
1521)) " &
        "(CONNECT_DATA = " &
        "(SERVER = DEDICATED) " &
        "(SERVICE_NAME = XE) " &
        ") " &
        "); user id=hr; password=hr;")
        Dim cmd As OracleCommand = New OracleCommand("select * from akun where
ID = " & TextBox1.Text & " and password = " & TextBox2.Text & "", conn)
        Dim sda As OracleDataAdapter = New OracleDataAdapter(cmd)
```

```

Dim dt As DataTable = New DataTable()
sda.Fill(dt)
If (dt.Rows.Count > 0) Then
    MessageBox.Show("Login Success", "Information", MessageBoxButtons.OK,
    MessageBoxIcon.Information)

    MainForm.Show()
    Me.Hide()
    If TextBox1.Text = "kasir" Then
        MainForm.LinkLabel1.Enabled = False
        MainForm.LinkLabel1.Visible = False
    End If
    TextBox1.Text = ""
    TextBox2.Text = ""
Else
    MessageBox.Show("ID/Password Salah!!!", "Information",
    MessageBoxButtons.OK, MessageBoxIcon.Information)
End If

End Sub

Private Sub LinkLabel2_LinkClicked(sender As Object, e As
LinkLabelLinkClickedEventArgs) Handles LinkLabel2.LinkClicked
    Me.Close()
End Sub

Private Sub LoginForm_Load(sender As Object, e As EventArgs) Handles
MyBase.Load
    koneksi()
End Sub

Private Sub CheckBox1_CheckedChanged(sender As Object, e As EventArgs)
Handles CheckBox1.CheckedChanged
    If CheckBox1.Checked = True Then
        TextBox2.PasswordChar = ""
    Else TextBox2.PasswordChar = "*"
    End If
End Sub
End Class

```

2. Form Utama (Dewangga Nanda Arjuna_201)

Main Form

Nama: Dewangga Total: 49000

ID Pesan: PL0003 Bayar: 50000

Meja: Meja ke-1 Generate Kembali: 11000

Makanan

Minuman

[Stock Status ->](#)

Pesanan	Tipe Pesanan	Harga
Nasi Telor	Makanan	5000
Nasi Pecel	Makanan	6000
Nasi Campur	Makanan	8000
Mie Telor	Makanan	8000
Mie Goreng/Kuah	Makanan	5000
Mie Nasi	Makanan	7000
Es Kopi	Minuman	6000
Teh Hangat Jumbo	Minuman	4000

History Pesan Logout

Source Code :

```
Imports System.Data.OracleClient  
Public Class MainForm
```

```
    Dim conn As New OracleConnection  
    Dim cmd As New OracleCommand  
    Dim dtr As OracleDataReader
```

```
    Sub koneksi()  
        conn.Close()  
        conn = New OracleConnection("data source=(DESCRIPTION = " &  
        "(ADDRESS = (PROTOCOL = TCP)(HOST = LAPTOP-FLAPCOIQ)(PORT =  
1521)) " &  
        "(CONNECT_DATA = " &  
        "(SERVER = DEDICATED) " &  
        "(SERVICE_NAME = XE) " &  
        ") " &  
        "); user id=hr; password=hr;")  
        conn.Open()  
    End Sub
```

```
    Sub DisplayListViewPesanan()
```



```

    koneksi()
    cmd = New OracleCommand("Select * from pesanan where ID_PESANAN = '" &
idpesan.Text & "' order by tipe", conn)
    dtr = cmd.ExecuteReader()
    ListView1.Items.Clear()
    If dtr.HasRows Then
        While dtr.Read()
            ListView1.Items.Add(dtr.Item(4))
            ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(3))
            ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(5))
        End While
        dtr.Close()
    End If
    dtr.Close()
    cmd.Dispose()
End Sub

```

```

Sub Total()
    Dim total As Integer
    For i As Integer = 0 To ListView1.Items.Count - 1
        total = total + ListView1.Items(i).SubItems(2).Text
    Next
    TextBox1.Text = total
End Sub

```

```

Dim temp As String

```

```

Sub Generate()
    koneksi()
    temp = ""
    cmd = New OracleCommand("select case when
max(to_number(substr(id_pesanan, 3, 4))) is null then 1 else
max(to_number(substr(id_pesanan, 3, 4))) + 1 END from pesanan", conn)
    dtr = cmd.ExecuteReader()
    dtr.Read()
    idpesan.Text = dtr.Item(0)
    For i As Integer = 1 To 4 - idpesan.TextLength
        temp = temp & "0"
    Next
    idpesan.Text = "PL" & temp & idpesan.Text
    dtr.Close()
    cmd.Dispose()
End Sub

```

```
Dim mejas() As String = {"Meja ke-1", "Meja ke-2", "Meja ke-3", "Meja ke-4", "Meja ke-5", "Meja ke-6"}
```

```
Private Sub MainForm_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    For i As Integer = 0 To mejas.GetUpperBound(i)
        meja.Items.Add(mejas(i))
    Next
End Sub
```

```
Private Sub makanan_Click(sender As Object, e As EventArgs) Handles makanan.Click
    MakananForm.Show()
    Me.Hide()
End Sub
```

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    LoginForm.Show()
    Me.Close()
End Sub
```

```
Private Sub minuman_Click(sender As Object, e As EventArgs) Handles minuman.Click
    MinumanForm.Show()
    Me.Hide()
End Sub
```

```
Dim _itm As ListViewItem
Private Sub pesan_Click(sender As Object, e As EventArgs) Handles pesan.Click
    If ListView1.Items.Count > 0 Then
        ListView1.Items.Clear()
        TextBox1.Text = "Sudah Terbayar"
        nama.Text = ""
        idpesan.Text = ""
        meja.SelectedIndex = -1
    Else MsgBox("Data Masih Kosong")
    End If
End Sub
```

```
Private Sub history_Click(sender As Object, e As EventArgs) Handles history.Click
    FormHistory.Show()
    Me.Hide()
End Sub
```

```

Private Sub LinkLabel1_LinkClicked(sender As Object, e As
LinkLabelLinkClickedEventArgs) Handles LinkLabel1.LinkClicked
    FormStock.Show()
    Me.Hide()
End Sub

```

```

Private Sub ListView1_SelectedIndexChanged(sender As Object, e As EventArgs)
Handles ListView1.SelectedIndexChanged
    koneksi()
    cmd = New OracleCommand("delete from pesanan where rowid in (select
MAX(rowid) from pesanan group by pesanan) and pesanan = '" &
ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text & "' and id_pesanan ="
& idpesan.Text & "'", conn)
    cmd.ExecuteNonQuery()
    cmd.Dispose()

```

```

    If ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Nasi Pecel"
Then
        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Nasi') + 1 where barang = 'Nasi'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()

```

```

        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Bahan Pecel') + 1 where barang = 'Bahan Pecel'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()

```

```

    ElseIf ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Nasi
Telor" Then
        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Nasi') + 1 where barang = 'Nasi'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()

```

```

        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Telor') + 1 where barang = 'Telor'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()

```

```

    ElseIf ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Nasi
Campur" Then
        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Nasi') + 1 where barang = 'Nasi'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()

```

```

        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Bahan Nasi Campur') + 1 where barang = 'Bahan Nasi
Campur'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()
    ElseIf ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Mie
Telor" Then
        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Mie Goreng/Kuah') + 1 where barang = 'Mie Goreng/Kuah'",
conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()

        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Telor') + 1 where barang = 'Telor'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()
    ElseIf ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Mie
Goreng/Kuah" Then
        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Mie Goreng/Kuah') + 1 where barang = 'Mie Goreng/Kuah'",
conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()
    ElseIf ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Mie Nasi"
Then
        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Mie Goreng/Kuah') + 1 where barang = 'Mie Goreng/Kuah'",
conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()

        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Nasi') + 1 where barang = 'Nasi'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()
    End If

    If ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Es Teh
Jumbo" Then

        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from
stocks where barang = 'Es Batu') + 1 where barang = 'Es Batu'", conn)

```

```
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Gula') + 1 where barang = 'Gula'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Teh Celup') + 1 where barang = 'Teh Celup'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
Elseif ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Es Kopi"  
Then
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Es Batu') + 1 where barang = 'Es Batu'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Kopi Sachet') + 1 where barang = 'Kopi Sachet'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
Elseif ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Es  
Nutrisari" Then
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Es Batu') + 1 where barang = 'Es Batu'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Nutrisari Sachet') + 1 where barang = 'Nutrisari Sachet'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
Elseif ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Es  
Coklat" Then
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Es Batu') + 1 where barang = 'Es Batu'", conn)
```

```
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Coklat Sachet') + 1 where barang = 'Coklat Sachet'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
Elseif ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Teh  
Hangat Jumbo" Then
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Gula') + 1 where barang = 'Gula'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Teh Celup') + 1 where barang = 'Teh Celup'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
Elseif ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Le  
Minerale" Then
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Le Minerale') + 1 where barang = 'Le Minerale'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
End If
```

```
DisplayListViewPesanan()  
Total()  
End Sub
```

```
Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click  
Generate()  
End Sub
```

```
Private Sub idpesan_TextChanged(sender As Object, e As EventArgs) Handles  
idpesan.TextChanged  
koneksi()  
cmd = New OracleCommand("Select * from pesanan where id_pesanan = '" &  
idpesan.Text & "' order by tipe", conn)  
dtr = cmd.ExecuteReader()
```

```

ListView1.Items.Clear()
nama.Text = ""
meja.SelectedIndex = -1
If dtr.HasRows Then
    While dtr.Read()
        nama.Text = dtr.Item(1)
        meja.Text = dtr.Item(2)
        ListView1.Items.Add(dtr.Item(4))
        ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(3))
        ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(5))
    End While
    dtr.Close()
End If
dtr.Close()
cmd.Dispose()

Total()
End Sub

```

```

Private Sub Bayar_TextChanged(sender As Object, e As EventArgs) Handles
Bayar.TextChanged
    If Bayar.TextLength > 0 Then
        Kembali.Text = Bayar.Text - TextBox1.Text
    End If
End Sub
End Class

```

3. Form Makanan (Dewangga Nanda Arjuna_201)

List Menu Makanan

[Nasi Pecel \(Rp6.000\)](#) [Mie Telor \(Rp8.000\)](#)

[Nasi Telor \(Rp5.000\)](#) [Mie Goreng/Kuah \(Rp5.000\)](#)

[Nasi Campur \(Rp8.000\)](#) [Mie Nasi \(Rp7.000\)](#)

Total
39000

Pesanan	Harga
Nasi Telor	5000
Nasi Pecel	6000
Nasi Campur	8000
Mie Telor	8000
Mie Goreng/Kuah	5000
Mie Nasi	7000

Konfirmasi Pesanan

Source Code :

```
Imports System.Data.OracleClient  
Public Class MakananForm
```

```
Dim conn As New OracleConnection  
Dim cmd As New OracleCommand  
Dim dtr As OracleDataReader  
Dim ctr As Control
```

```
Sub koneksi()  
    conn.Close()  
    conn = New OracleConnection("data source=(DESCRIPTION = " &  
    "(ADDRESS = (PROTOCOL = TCP)(HOST = LAPTOP-FLAPCOIQ)(PORT = 1521)) " &  
    "(CONNECT_DATA = " &  
    "(SERVER = DEDICATED) " &  
    "(SERVICE_NAME = XE) " &  
    ") " &  
    "); user id=hr; password=hr;")  
    conn.Open()  
End Sub
```



```

Sub DisplayListViewPesanan()
    koneksi()
    cmd = New OracleCommand("Select * from pesanan where ID_PESANAN = " &
MainForm.idpesan.Text & " and tipe = 'Makanan'", conn)
    dtr = cmd.ExecuteReader()
    ListView1.Items.Clear()
    If dtr.HasRows Then
        While dtr.Read()
            ListView1.Items.Add(dtr.Item(4))
            ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(5))
        End While
        dtr.Close()
    End If
    dtr.Close()
    cmd.Dispose()
End Sub

Sub Total()
    If LinkLabel1.Enabled Or LinkLabel2.Enabled Or LinkLabel3.Enabled Or
LinkLabel4.Enabled Or LinkLabel5.Enabled Or LinkLabel6.Enabled Then
        Dim total As Integer
        For i As Integer = 0 To ListView1.Items.Count - 1
            total = total + ListView1.Items(i).SubItems(1).Text
        Next
        TextBox1.Text = total
    End If
End Sub

Private harga As Integer

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    cmd = New OracleCommand("Select * from pesanan where ID_PESANAN = " &
MainForm.idpesan.Text & "", conn)
    dtr = cmd.ExecuteReader()
    MainForm.ListView1.Items.Clear()
    If dtr.HasRows Then
        While dtr.Read()
            MainForm.ListView1.Items.Add(dtr.Item(4))
            MainForm.ListView1.Items(MainForm.ListView1.Items.Count -
1).SubItems.Add(dtr.Item(3))
            MainForm.ListView1.Items(MainForm.ListView1.Items.Count -
1).SubItems.Add(dtr.Item(5))
        End While
        dtr.Close()
    End If
End Sub

```



```
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Mie Goreng/Kuah') - 1 where barang = 'Mie Goreng/Kuah'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
DisplayListViewPesanan()  
Total()  
End Sub
```

```
Private Sub LinkLabel4_LinkClicked(sender As Object, e As LinkLabelLinkClickedEventArgs)  
Handles LinkLabel4.LinkClicked
```

```
cmd = New OracleCommand("Insert into pesanan values ('" & MainForm.idpesan.Text &  
", '" &  
MainForm.nama.Text & ", '" & MainForm.meja.Text & ", 'Makanan', 'Mie Telor', 8000, (Select  
To_Char(Sysdate, 'DD-MON-YY') from dual))", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Telor') - 1 where barang = 'Telor'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Mie Goreng/Kuah') - 1 where barang = 'Mie Goreng/Kuah'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
DisplayListViewPesanan()  
Total()  
End Sub
```

```
Private Sub LinkLabel3_LinkClicked(sender As Object, e As LinkLabelLinkClickedEventArgs)  
Handles LinkLabel3.LinkClicked
```

```
cmd = New OracleCommand("Insert into pesanan values ('" & MainForm.idpesan.Text &  
", '" &  
MainForm.nama.Text & ", '" & MainForm.meja.Text & ", 'Makanan', 'Nasi Campur', 8000, (Select  
To_Char(Sysdate, 'DD-MON-YY') from dual))", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Bahan Nasi Campur') - 1 where barang = 'Bahan Nasi Campur'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Nasi') - 1 where barang = 'Nasi'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
DisplayListViewPesanan()  
Total()  
End Sub
```

```
Private Sub LinkLabel2_LinkClicked(sender As Object, e As LinkLabelLinkClickedEventArgs)  
Handles LinkLabel2.LinkClicked
```

```
cmd = New OracleCommand("Insert into pesanan values ('" & MainForm.idpesan.Text &  
"', '" &  
MainForm.nama.Text & "', '" & MainForm.meja.Text & "', 'Makanan', 'Nasi Telor', 5000, (Select  
To_Char(Sysdate, 'DD-MON-YY') from dual))", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Telor') - 1 where barang = 'Telor'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Nasi') - 1 where barang = 'Nasi'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
DisplayListViewPesanan()  
Total()  
End Sub
```

```
Private Sub LinkLabel1_LinkClicked(sender As Object, e As LinkLabelLinkClickedEventArgs)  
Handles LinkLabel1.LinkClicked
```

```
cmd = New OracleCommand("Insert into pesanan values ('" & MainForm.idpesan.Text &  
"', '" &  
MainForm.nama.Text & "', '" & MainForm.meja.Text & "', 'Makanan', 'Nasi Pecel', 6000, (Select  
To_Char(Sysdate, 'DD-MON-YY') from dual))", conn)  
cmd.ExecuteNonQuery()
```

```
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Bahan Pecel') - 1 where barang = 'Bahan Pecel'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Nasi') - 1 where barang = 'Nasi'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
DisplayListViewPesanan()  
Total()  
End Sub
```

```
Private Sub ListView1_SelectedIndexChanged(sender As Object, e As EventArgs) Handles  
ListView1.SelectedIndexChanged  
cmd = New OracleCommand("delete from pesanan where rowid in (select MIN(rowid) from  
pesanan group by pesanan) and pesanan = '" &  
ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text & "' and id_pesanan ='" &  
MainForm.idpesan.Text & "'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
If ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Nasi Pecel" Then  
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Nasi') + 1 where barang = 'Nasi'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Bahan Pecel') + 1 where barang = 'Bahan Pecel'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
ElseIf ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Nasi Telor" Then  
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Nasi') + 1 where barang = 'Nasi'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks  
where barang = 'Telor') + 1 where barang = 'Telor'", conn)  
cmd.ExecuteNonQuery()
```

```

        cmd.Dispose()
    ElseIf ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Nasi Campur"
Then
        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks
where barang = 'Nasi') + 1 where barang = 'Nasi'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()

        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks
where barang = 'Bahan Nasi Campur') + 1 where barang = 'Bahan Nasi Campur'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()
    ElseIf ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Mie Telor" Then
        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks
where barang = 'Mie Goreng/Kuah') + 1 where barang = 'Mie Goreng/Kuah'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()

        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks
where barang = 'Telor') + 1 where barang = 'Telor'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()
    ElseIf ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Mie
Goreng/Kuah" Then
        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks
where barang = 'Mie Goreng/Kuah') + 1 where barang = 'Mie Goreng/Kuah'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()
    ElseIf ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Mie Nasi" Then
        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks
where barang = 'Mie Goreng/Kuah') + 1 where barang = 'Mie Goreng/Kuah'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()

        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks
where barang = 'Nasi') + 1 where barang = 'Nasi'", conn)
        cmd.ExecuteNonQuery()
        cmd.Dispose()
    End If

    DisplayListViewPesanan()
    Total()
End Sub
End Class

```

4. Form Minuman (Farrel Farhan_190)

MinumanForm

List Menu Minuman

[Es Teh Jumbo \(Rp5.000\)](#) [Es Nutrisari Jeruk \(Rp7.000\)](#)

[Teh Hangat Jumbo \(Rp4.000\)](#) [Es Coklat \(Rp8.000\)](#)

[Es Kopi \(Rp6.000\)](#) [Le Minerale \(Rp4.000\)](#)

Total

10000

Pesanan	Harga
Es Kopi	6000
Teh Hangat Jumbo	4000

Konfirmasi Pesanan

Source Code :

```
Imports System.Data.OracleClient  
Public Class MinumanForm
```

```
    Dim conn As New OracleConnection  
    Dim cmd As New OracleCommand  
    Dim dtr As OracleDataReader  
    Dim ctr As Control
```

```
    Sub koneksi()  
        conn.Close()  
        conn = New OracleConnection("data source=(DESCRIPTION = " &  
        "(ADDRESS = (PROTOCOL = TCP)(HOST = LAPTOP-FLAPCOIQ)(PORT =  
1521)) " &  
        "(CONNECT_DATA = " &  
        "(SERVER = DEDICATED) " &  
        "(SERVICE_NAME = XE) " &  
        ") " &  
        "); user id=hr; password=hr;")  
        conn.Open()
```

End Sub

```
Sub DisplayListViewPesanan()  
    koneksi()  
    cmd = New OracleCommand("Select * from pesanan where ID_PESANAN = '" &  
MainForm.idpesan.Text & "' and tipe = 'Minuman'", conn)  
    dtr = cmd.ExecuteReader()  
    ListView1.Items.Clear()  
    If dtr.HasRows Then  
        While dtr.Read()  
            ListView1.Items.Add(dtr.Item(4))  
            ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(5))  
        End While  
        dtr.Close()  
    End If  
    dtr.Close()  
    cmd.Dispose()  
End Sub
```

```
Sub Total()  
    If LinkLabel1.Enabled Or LinkLabel2.Enabled Or LinkLabel3.Enabled Or  
LinkLabel4.Enabled Or LinkLabel5.Enabled Or LinkLabel6.Enabled Then  
        Dim total As Integer  
        For i As Integer = 0 To ListView1.Items.Count - 1  
            total = total + ListView1.Items(i).SubItems(1).Text  
        Next  
        TextBox1.Text = total  
    End If  
End Sub
```

```
Private Sub MinumanForm_Load(sender As Object, e As EventArgs) Handles  
MyBase.Load  
    koneksi()  
    ListView1.Items.Clear()  
    DisplayListViewPesanan()  
    Total()  
End Sub
```

```
Private Sub CheckBox1_CheckedChanged(sender As Object, e As EventArgs)
```

End Sub

```
Private Sub LinkLabel1_LinkClicked(sender As Object, e As  
LinkLabelLinkClickedEventArgs) Handles LinkLabel1.LinkClicked
```



```
DisplayListViewPesanan()  
Total()  
End Sub
```

```
Private Sub LinkLabel4_LinkClicked(sender As Object, e As  
LinkLabelLinkClickedEventArgs) Handles LinkLabel4.LinkClicked  
    cmd = New OracleCommand("Insert into pesanan values ('" &  
MainForm.idpesan.Text & "','" &  
MainForm.nama.Text & "','" & MainForm.meja.Text & "','" & MainForm.meja.Text & "', 'Minuman', 'Es Nutrisari', 7000,  
(Select To_Char(Sysdate, 'DD-MON-YY') from dual))", conn)  
    cmd.ExecuteNonQuery()  
    cmd.Dispose()
```

```
    cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Es Batu') - 1 where barang = 'Es Batu'", conn)  
    cmd.ExecuteNonQuery()  
    cmd.Dispose()
```

```
    cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Nutrisari Sachet') - 1 where barang = 'Nutrisari Sachet'", conn)  
    cmd.ExecuteNonQuery()  
    cmd.Dispose()
```

```
DisplayListViewPesanan()  
Total()  
End Sub
```

```
Private Sub LinkLabel6_LinkClicked(sender As Object, e As  
LinkLabelLinkClickedEventArgs) Handles LinkLabel6.LinkClicked  
    cmd = New OracleCommand("Insert into pesanan values ('" &  
MainForm.idpesan.Text & "','" &  
MainForm.nama.Text & "','" & MainForm.meja.Text & "','" & MainForm.meja.Text & "', 'Minuman', 'Es Coklat', 8000,  
(Select To_Char(Sysdate, 'DD-MON-YY') from dual))", conn)  
    cmd.ExecuteNonQuery()  
    cmd.Dispose()
```

```
    cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Es Batu') - 1 where barang = 'Es Batu'", conn)  
    cmd.ExecuteNonQuery()  
    cmd.Dispose()
```

```
    cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Coklat Sachet') - 1 where barang = 'Coklat Sachet'", conn)
```

```

    DisplayListViewPesanan()
    Total()
End Sub

```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Gula') - 1 where barang = 'Gula'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```

    DisplayListViewPesanan()
    Total()
End Sub

```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Le Minerale') - 1 where barang = 'Le Minerale'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
    DisplayListViewPesanan()  
    Total()  
End Sub
```

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click  
    cmd = New OracleCommand("Select * from pesanan where ID_PESANAN = " &  
MainForm.idpesan.Text & "", conn)  
    dtr = cmd.ExecuteReader()  
    MainForm.ListView1.Items.Clear()  
    If dtr.HasRows Then  
        While dtr.Read()  
            MainForm.ListView1.Items.Add(dtr.Item(4))  
            MainForm.ListView1.Items(MainForm.ListView1.Items.Count -  
1).SubItems.Add(dtr.Item(3))  
            MainForm.ListView1.Items(MainForm.ListView1.Items.Count -  
1).SubItems.Add(dtr.Item(5))  
        End While  
        dtr.Close()  
    End If  
    dtr.Close()  
    cmd.Dispose()  
    MainForm.Show()  
    MainForm.Total()  
    Me.Close()  
End Sub
```

```
Private Sub ListView1_SelectedIndexChanged(sender As Object, e As EventArgs)  
Handles ListView1.SelectedIndexChanged  
    cmd = New OracleCommand("delete from pesanan where rowid in (select  
MIN(rowid) from pesanan group by pesanan) and pesanan = " &  
ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text & " and id_pesanan ="  
& MainForm.idpesan.Text & "", conn)  
    cmd.ExecuteNonQuery()  
    cmd.Dispose()
```

```
    If ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Es Teh  
Jumbo" Then
```

```
        cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Es Batu') + 1 where barang = 'Es Batu'", conn)  
        cmd.ExecuteNonQuery()  
        cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Gula') + 1 where barang = 'Gula'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Teh Celup') + 1 where barang = 'Teh Celup'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
Elseif ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Es Kopi"  
Then
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Es Batu') + 1 where barang = 'Es Batu'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Kopi Sachet') + 1 where barang = 'Kopi Sachet'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
Elseif ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Es  
Nutrisari" Then
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Es Batu') + 1 where barang = 'Es Batu'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Nutrisari Sachet') + 1 where barang = 'Nutrisari Sachet'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
Elseif ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Es  
Coklat" Then
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Es Batu') + 1 where barang = 'Es Batu'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Coklat Sachet') + 1 where barang = 'Coklat Sachet'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
Elseif ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Teh  
Hangat Jumbo" Then
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Gula') + 1 where barang = 'Gula'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Teh Celup') + 1 where barang = 'Teh Celup'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()
```

```
Elseif ListView1.Items(ListView1.FocusedItem.Index).SubItems(0).Text = "Le  
Minerale" Then
```

```
cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from  
stocks where barang = 'Le Minerale') + 1 where barang = 'Le Minerale'", conn)  
cmd.ExecuteNonQuery()  
cmd.Dispose()  
End If
```

```
DisplayListViewPesanan()  
Total()  
End Sub  
End Class
```

5. Form History (Mirza Khazim Nugraha_181)

TGL Pemesanan	ID Pemesanan	Nama Pemesan	Meja Ke	Tipe Pesan...	Pesanan	Harga
27/12/2022	PL0001	Dewangga	Meja ke-1	Minuman	Es Coklat	8000
27/12/2022	PL0001	Dewangga	Meja ke-1	Makanan	Nasi Campur	8000
28/12/2022	PL0002	Bagus	Meja ke-2	Makanan	Nasi	3000
29/12/2022	PL0002	Bagus	Meja ke-2	Minuman	Es Teh Jumbo	5000
29/12/2022	PL0002	Bagus	Meja ke-2	Minuman	Teh Hangat Jumbo	4000
29/12/2022	PL0002	Bagus	Meja ke-2	Makanan	Mie Nasi	7000
29/12/2022	PL0002	Bagus	Meja ke-2	Makanan	Mie Goreng/Kuah	5000
29/12/2022	PL0002	Bagus	Meja ke-2	Makanan	Nasi Campur	8000
29/12/2022	PL0002	Bagus	Meja ke-2	Makanan	Nasi Telor	5000
29/12/2022	PL0002	Bagus	Meja ke-2	Makanan	Mie Telor	8000
29/12/2022	PL0002	Bagus	Meja ke-2	Makanan	Nasi Pecel	6000
29/12/2022	PL0002	Bagus	Meja ke-2	Minuman	Es Kopi	6000
29/12/2022	PL0002	Bagus	Meja ke-2	Minuman	Es Nutrisari	7000
29/12/2022	PL0002	Bagus	Meja ke-2	Minuman	Es Coklat	8000
29/12/2022	PL0002	Bagus	Meja ke-2	Minuman	Le Minerale	4000
30/12/2022	PL0003	Dewangga	Meja ke-1	Minuman	Es Kopi	6000
30/12/2022	PL0003	Dewangga	Meja ke-1	Makanan	Mie Nasi	7000
30/12/2022	PL0003	Dewangga	Meja ke-1	Makanan	Mie Goreng/Kuah	5000
30/12/2022	PL0003	Dewangga	Meja ke-1	Makanan	Mie Telor	8000
30/12/2022	PL0003	Dewangga	Meja ke-1	Makanan	Nasi Campur	8000
30/12/2022	PL0003	Dewangga	Meja ke-1	Makanan	Nasi Pecel	6000

Source Code :

```
Imports System.Data.OracleClient
Public Class FormHistory
```

```
Dim conn As New OracleConnection
Dim cmd As New OracleCommand
Dim dtr As OracleDataReader
```

```
Sub koneksi()
    conn.Close()
    conn = New OracleConnection("data source=(DESCRIPTION = " &
        "(ADDRESS = (PROTOCOL = TCP)(HOST = LAPTOP-FLAPCOIQ)(PORT = 1521)) " &
        "(CONNECT_DATA = " &
        "(SERVER = DEDICATED) " &
        "(SERVICE_NAME = XE) " &
        ") " &
        "); user id=hr; password=hr;")
    conn.Open()
End Sub
```

```
Private Sub FormHistory_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    koneksi()
```

```

        cmd = New OracleCommand("Select * from pesanan where tanggal not in ('01-JAN-00')
order by TANGGAL, id_pesanan", conn)
        dtr = cmd.ExecuteReader()
        ListView1.Items.Clear()
        If dtr.HasRows Then
            While dtr.Read()
                ListView1.Items.Add(dtr.Item(6))
                ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(0))
                ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(1))
                ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(2))
                ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(3))
                ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(4))
                ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(5))
            End While
            dtr.Close()
        End If
        dtr.Close()
        cmd.Dispose()
    End Sub

```

```

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    MainForm.Show()
    Me.Close()
End Sub

```

```

Private Sub DateTimePicker1_ValueChanged(sender As Object, e As EventArgs) Handles
DateTimePicker1.ValueChanged
    DateTimePicker1.Format = DateTimePickerFormat.Custom
    cmd = New OracleCommand("select * from pesanan where tanggal = '" &
DateTimePicker1.Value.ToString("dd-MMM-yy").ToUpper & "' and tanggal not in ('01-JAN-00')",
conn)
    dtr = cmd.ExecuteReader()
    ListView1.Items.Clear()
    If dtr.HasRows Then
        While dtr.Read()
            ListView1.Items.Add(dtr.Item(6))
            ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(0))
            ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(1))
            ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(2))
            ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(3))
            ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(4))
            ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(5))
        End While
        dtr.Close()
    End If
End Sub

```



```

End If
dtr.Close()
cmd.Dispose()
End Sub

```

```

Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
    Reports.Show()
    Reports.ShowReports()
    Me.Hide()
End Sub

```

```

Private Sub Button3_Click(sender As Object, e As EventArgs) Handles Button3.Click
    Reports.Show()
    Reports.ShowReportsAll()
    Me.Hide()
End Sub
End Class

```

6. Form Stok Barang (M. Ilyasa Mahardhika_180)

Nama Barang	Jumlah Stock
Gula	22
Es Batu	32
Teh Celup	32
Kopi Sachet	28
Nutrisari Sachet	50
Coklat Sachet	49
Le Minerale	17
Telor	26
Bahan Nasi Campur	45
Bahan Pecel	76
Nasi	149
Mie Goreng/Kuah	46

Source Code:

```
Imports System.Data.OracleClient
```

Public Class FormStock

```
Dim stocks() As String = {"Nasi", "Bahan Pecel", "Telor", "Bahan Nasi Campur", "Mie Goreng/Kuah", "Gula", "Es Batu", "Teh Celup", "Kopi Sachet", "Nutrisari Sachet", "Coklat Sachet", "Le Minerale"}
```

```
Dim conn As New OracleConnection  
Dim cmd As New OracleCommand  
Dim dtr As OracleDataReader
```

```
Sub koneksi()  
    conn.Close()  
    conn = New OracleConnection("data source=(DESCRIPTION = " &  
    "(ADDRESS = (PROTOCOL = TCP)(HOST = LAPTOP-FLAPCOIQ)(PORT = 1521)) " &  
    "(CONNECT_DATA = " &  
    "(SERVER = DEDICATED) " &  
    "(SERVICE_NAME = XE) " &  
    ") " &  
    "); user id=hr; password=hr;")  
    conn.Open()  
End Sub
```

```
Sub DisplayAll()  
    koneksi()  
    cmd = New OracleCommand("Select * from stocks", conn)  
    dtr = cmd.ExecuteReader()  
    ListView1.Items.Clear()  
    If dtr.HasRows Then  
        While dtr.Read()  
            ListView1.Items.Add(dtr.Item(0))  
            ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(1))  
        End While  
        dtr.Close()  
    End If  
    dtr.Close()  
    cmd.Dispose()  
End Sub
```

```
Sub DisplaySpesifik()  
    koneksi()  
    cmd = New OracleCommand("Select * from stocks where barang = '" & ComboBox1.Text &  
    "'", conn)  
    dtr = cmd.ExecuteReader()  
    ListView1.Items.Clear()
```

```

If dtr.HasRows Then
    While dtr.Read()
        ListView1.Items.Add(dtr.Item(0))
        ListView1.Items(ListView1.Items.Count - 1).SubItems.Add(dtr.Item(1))
    End While
    dtr.Close()
End If
dtr.Close()
cmd.Dispose()
End Sub

```

```

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    MainForm.Show()
    Me.Close()
End Sub

```

```

Private Sub FormStock_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    For i As Integer = 0 To stocks.GetUpperBound(i)
        ComboBox1.Items.Add(stocks(i))
    Next

```

```

    DisplayAll()
End Sub

```

```

Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
    cmd = New OracleCommand("Update stocks set jumlah = (select jumlah from stocks
where barang = '" & ComboBox1.Text & "') + " & NumericUpDown1.Value & " where barang = '"
& ComboBox1.Text & "'", conn)
    cmd.ExecuteNonQuery()
    cmd.Dispose()

```

```

    DisplaySpesifik()
End Sub

```

```

Private Sub Button3_Click(sender As Object, e As EventArgs)

End Sub

```

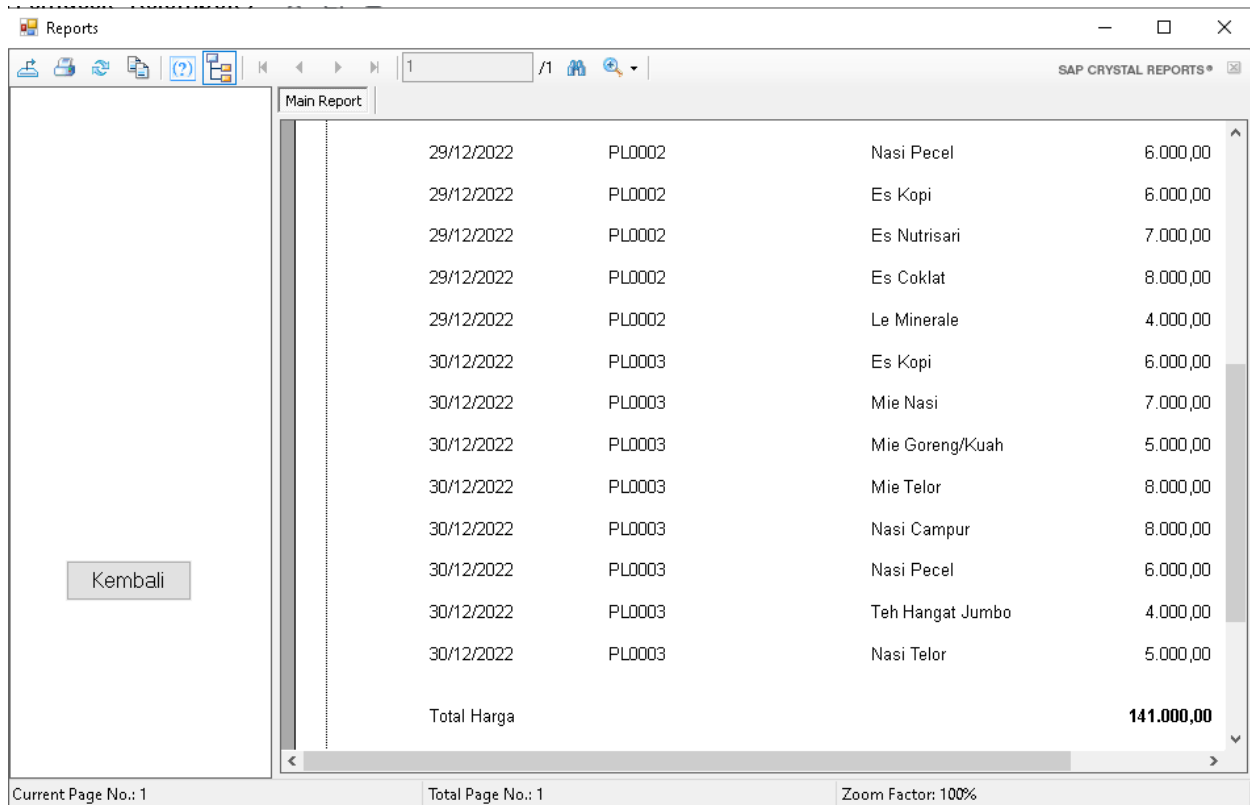
```

Private Sub ComboBox1_SelectedIndexChanged(sender As Object, e As EventArgs)
Handles ComboBox1.SelectedIndexChanged
    DisplaySpesifik()
End Sub
End Class

```

7. Form Laporan (Farrel Farhan_190)

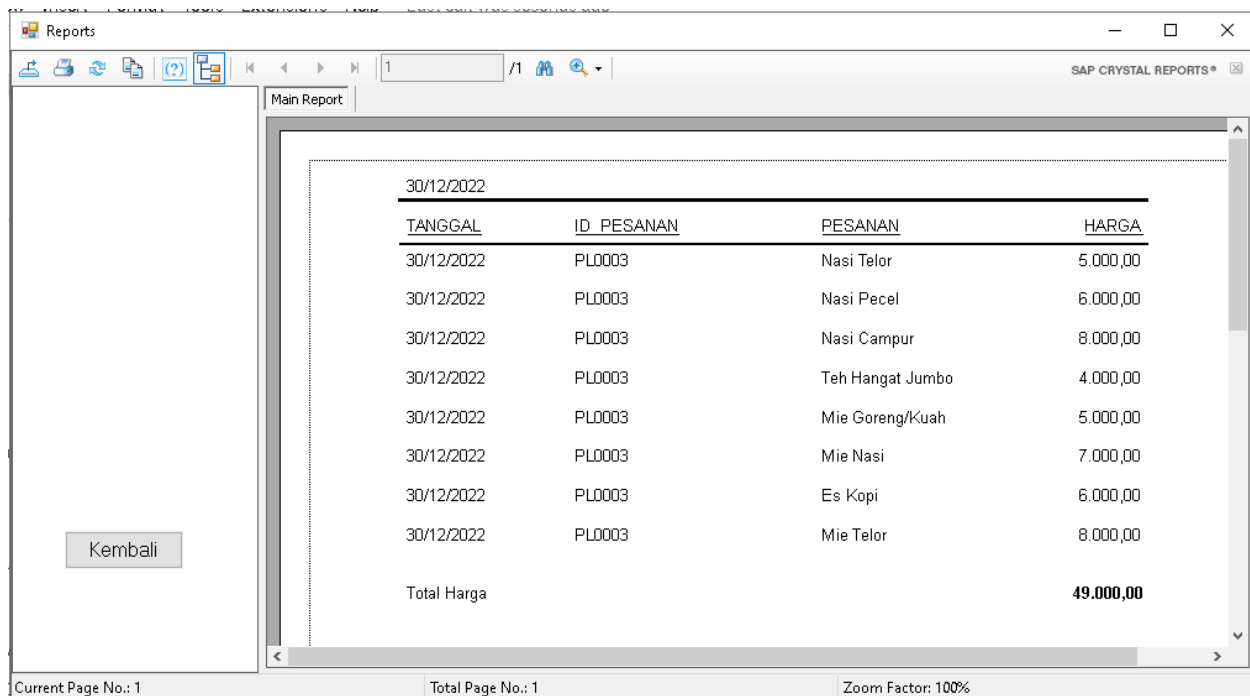
a. Report All



Current Page No.: 1 Total Page No.: 1 Zoom Factor: 100%

Main Report			
29/12/2022	PL0002	Nasi Pecel	6.000,00
29/12/2022	PL0002	Es Kopi	6.000,00
29/12/2022	PL0002	Es Nutrisari	7.000,00
29/12/2022	PL0002	Es Coklat	8.000,00
29/12/2022	PL0002	Le Minerale	4.000,00
30/12/2022	PL0003	Es Kopi	6.000,00
30/12/2022	PL0003	Mie Nasi	7.000,00
30/12/2022	PL0003	Mie Goreng/Kuah	5.000,00
30/12/2022	PL0003	Mie Telor	8.000,00
30/12/2022	PL0003	Nasi Campur	8.000,00
30/12/2022	PL0003	Nasi Pecel	6.000,00
30/12/2022	PL0003	Teh Hangat Jumbo	4.000,00
30/12/2022	PL0003	Nasi Telor	5.000,00
Total Harga			141.000,00

b. Reports (harian)



Current Page No.: 1 Total Page No.: 1 Zoom Factor: 100%

Main Report			
30/12/2022			
TANGGAL	ID PESANAN	PESANAN	HARGA
30/12/2022	PL0003	Nasi Telor	5.000,00
30/12/2022	PL0003	Nasi Pecel	6.000,00
30/12/2022	PL0003	Nasi Campur	8.000,00
30/12/2022	PL0003	Teh Hangat Jumbo	4.000,00
30/12/2022	PL0003	Mie Goreng/Kuah	5.000,00
30/12/2022	PL0003	Mie Nasi	7.000,00
30/12/2022	PL0003	Es Kopi	6.000,00
30/12/2022	PL0003	Mie Telor	8.000,00
Total Harga			49.000,00

Source Code :

Imports System.Data.OracleClient

Public Class Reports

```
    Dim conn As New OracleConnection("data source=(DESCRIPTION = " &
        "(ADDRESS = (PROTOCOL = TCP)(HOST = LAPTOP-FLAPCOIQ)(PORT =
1521)) " &
        "(CONNECT_DATA = " &
        "(SERVER = DEDICATED) " &
        "(SERVICE_NAME = XE) " &
        ") " &
        "); user id=hr; password=hr;")
    Dim cmd As OracleCommand
    Dim dta As New OracleDataAdapter
    Dim dt As New DataSet

    Sub ShowReportsAll()
        Try
            conn.Open()
            FormHistory.DateTimePicker1.Format = DateTimePickerFormat.Custom
            cmd = New OracleCommand("Select tanggal, id_pesanan, pesanan, harga from
pesanan order by Tanggal, id_pesanan", conn)
            dta.SelectCommand = cmd
            dta.Fill(dt, "Pesanan")
            Dim report As New CrystalReport1
            report.SetDataSource(dt)
            CrystalReportViewer1.ReportSource = report
            CrystalReportViewer1.Refresh()
            cmd.Dispose()
            dta.Dispose()
```

```

        dt.Dispose()
        conn.Close()
    Catch ex As Exception
        MsgBox(ex.Message)
        conn.Close()
    End Try
    conn.Close()
End Sub

Sub ShowReports()
    Try
        conn.Open()
        FormHistory.DateTimePicker1.Format = DateTimePickerFormat.Custom
        cmd = New OracleCommand("Select tanggal, id_pesanan, pesanan, harga from
pesanan          where          Tanggal          =          '"          &
FormHistory.DateTimePicker1.Value.ToString("dd-MMM-yy").ToUpper & "' order by Tanggal,
id_pesanan", conn)
        dta.SelectCommand = cmd
        dta.Fill(dt, "Pesanan")
        Dim report As New CrystalReport1
        report.SetDataSource(dt)
        CrystalReportViewer1.ReportSource = report
        CrystalReportViewer1.Refresh()
        cmd.Dispose()
        dta.Dispose()
        dt.Dispose()
        conn.Close()
    Catch ex As Exception
        MsgBox(ex.Message)
        conn.Close()
    End Try
End Sub

```

```
        conn.Close()  
    End Sub  
  
    Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click  
        FormHistory.Show()  
        Me.Close()  
    End Sub  
  
    Private Sub Reports_Load(sender As Object, e As EventArgs) Handles MyBase.Load  
  
    End Sub  
End Class
```

BAB 3

KESIMPULAN DAN SARAN

A. Kesimpulan

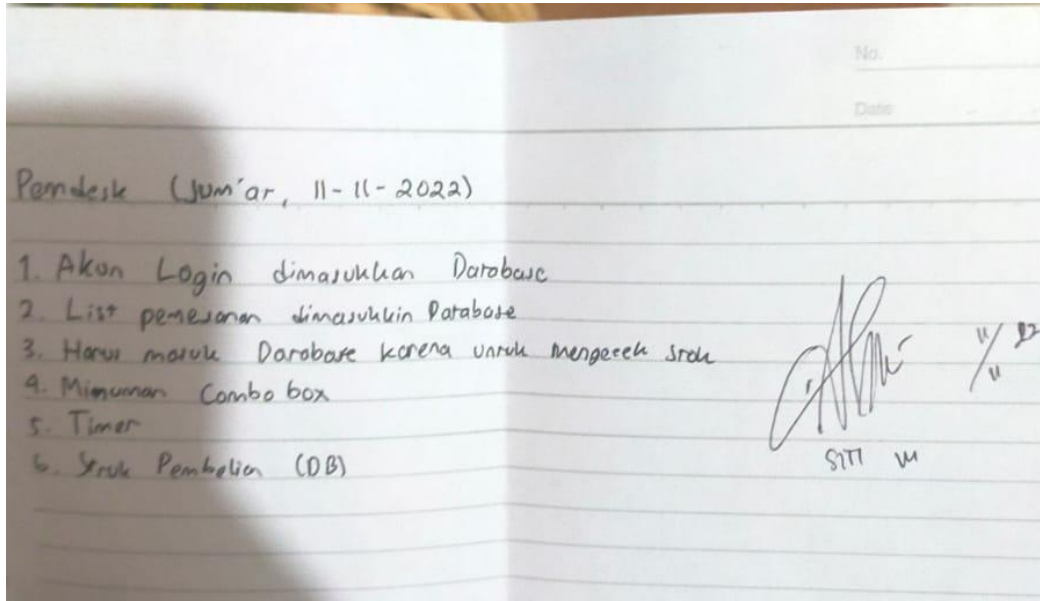
Berdasarkan pembahasan diatas dapat disimpulkan bahwa warung ini dapat menyajikan layanan pemesanan makanan dan minuman secara terus menerus tanpa mengganti nomor id pesanan atau antrian yang dapat mempermudah pelanggan untuk memesan menu yang diinginkan.

B. Saran

Secara fungsi pemesanan makanan pada sistem ini sudah berjalan dengan baik, namun pada saat pelanggan melakukan pemesanan sistem ini belum terdapat fungsi notifikasi untuk memberitahu admin bila ada pemesanan. Maka disarankan untuk pengembangan selanjutnya bisa ditambah notifikasi melalui laman yang tersedia agar memudahkan admin untuk mendapatkan informasi pemesanan secara realtime.

Lampiran Konsultasi

Konsultasi Pertama (11-NOV-2022)



Konsultasi Kedua Online (17-NOV-2022)

