

**Laporan Perancangan  
Sistem Pengolahan Pesanan Laundry Sepatu  
“SUCIO”**



**Mata Kuliah :  
PEMROGRAMAN DESKTOP**

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**Oleh : Kelompok 3 – Par A**

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**PROGRAM STUDI S1 SISTEM INFORMASI  
UPN “VETERAN” JAWA TIMUR  
SURABAYA  
2022**

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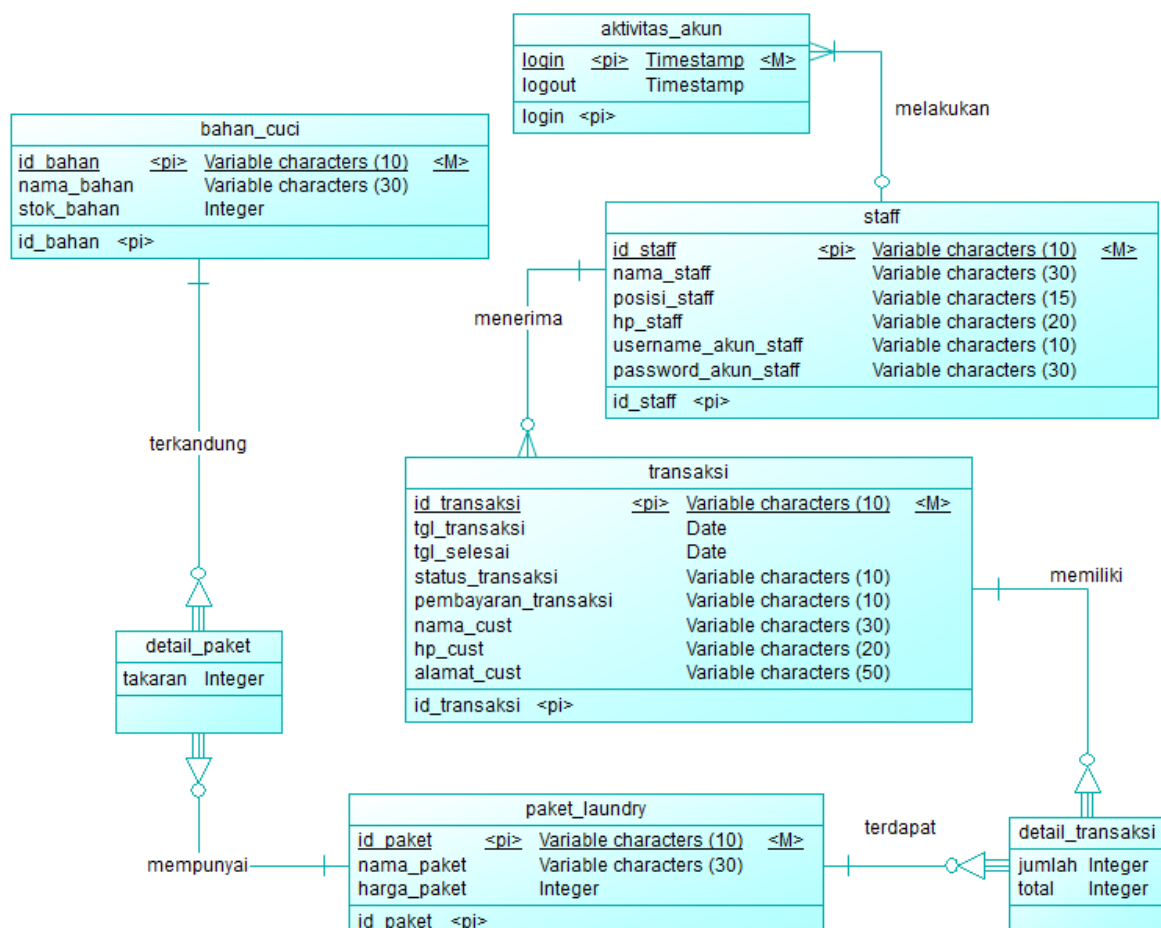
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## CDM & PDM

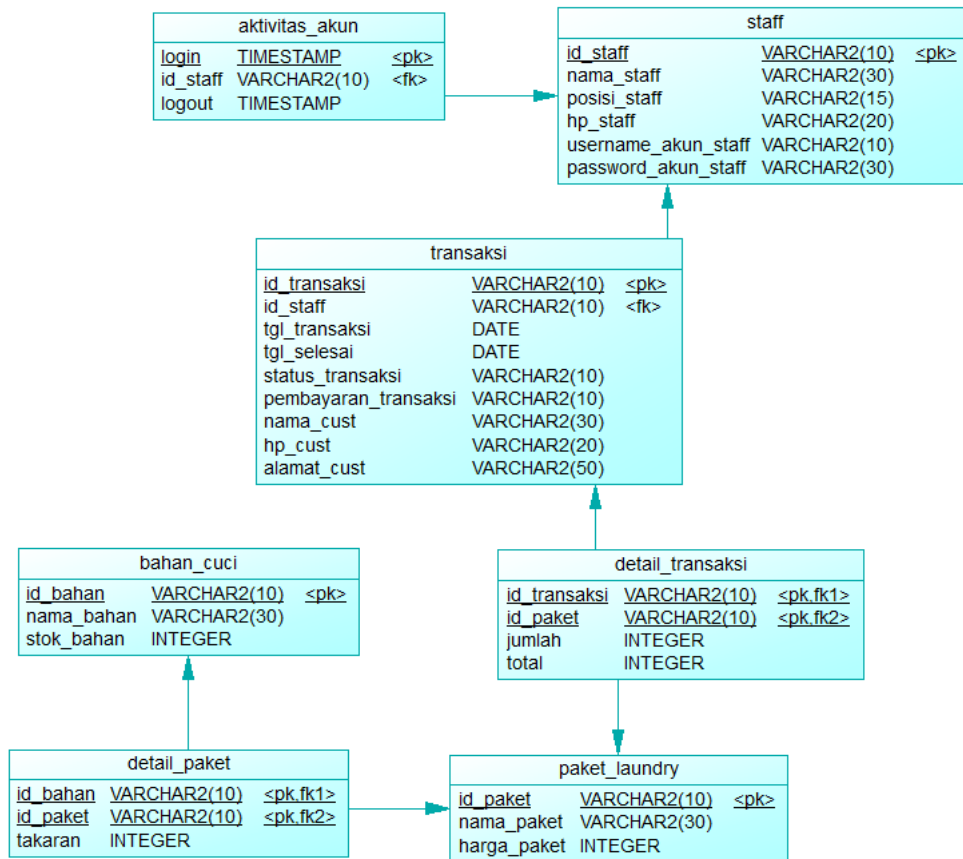
Berikut ini merupakan desain rancangan basis data yang akan digunakan untuk keperluan perangkat lunak yang akan dikembangkan. Secara garis besar, Sistem Pengolahan Pesanan Laundry Sepatu menggunakan 7 tabel, antara lain :

- Aktivitas Akun
- Staff
- Transaksi
- Detail Transaksi
- Paket Laundry
- Detail Paket Laundry
- Bahan Cuci

## 1.1 CDM

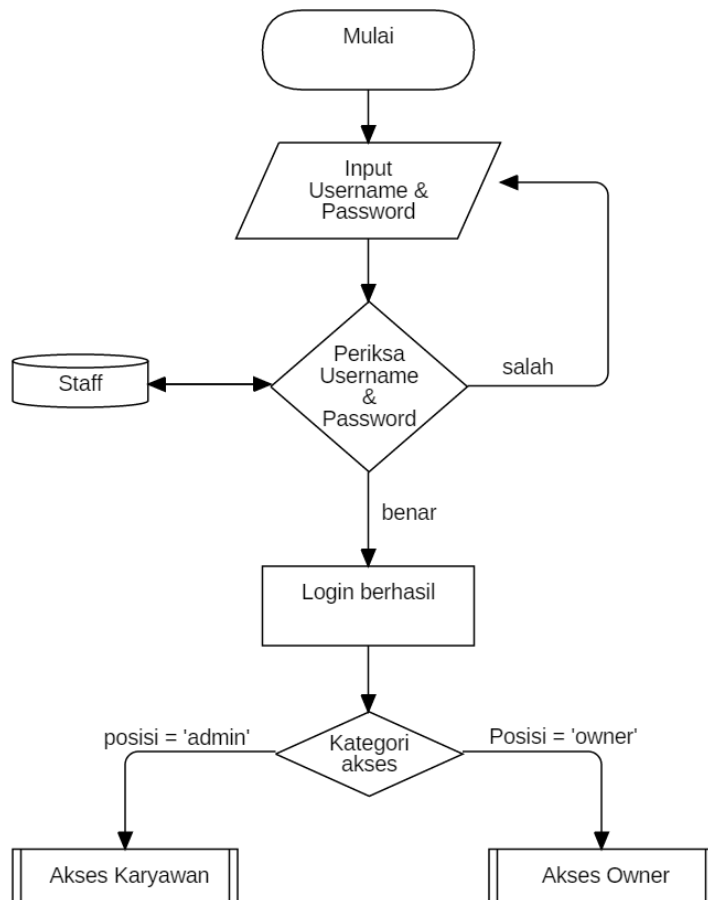


## 1.2 PDM

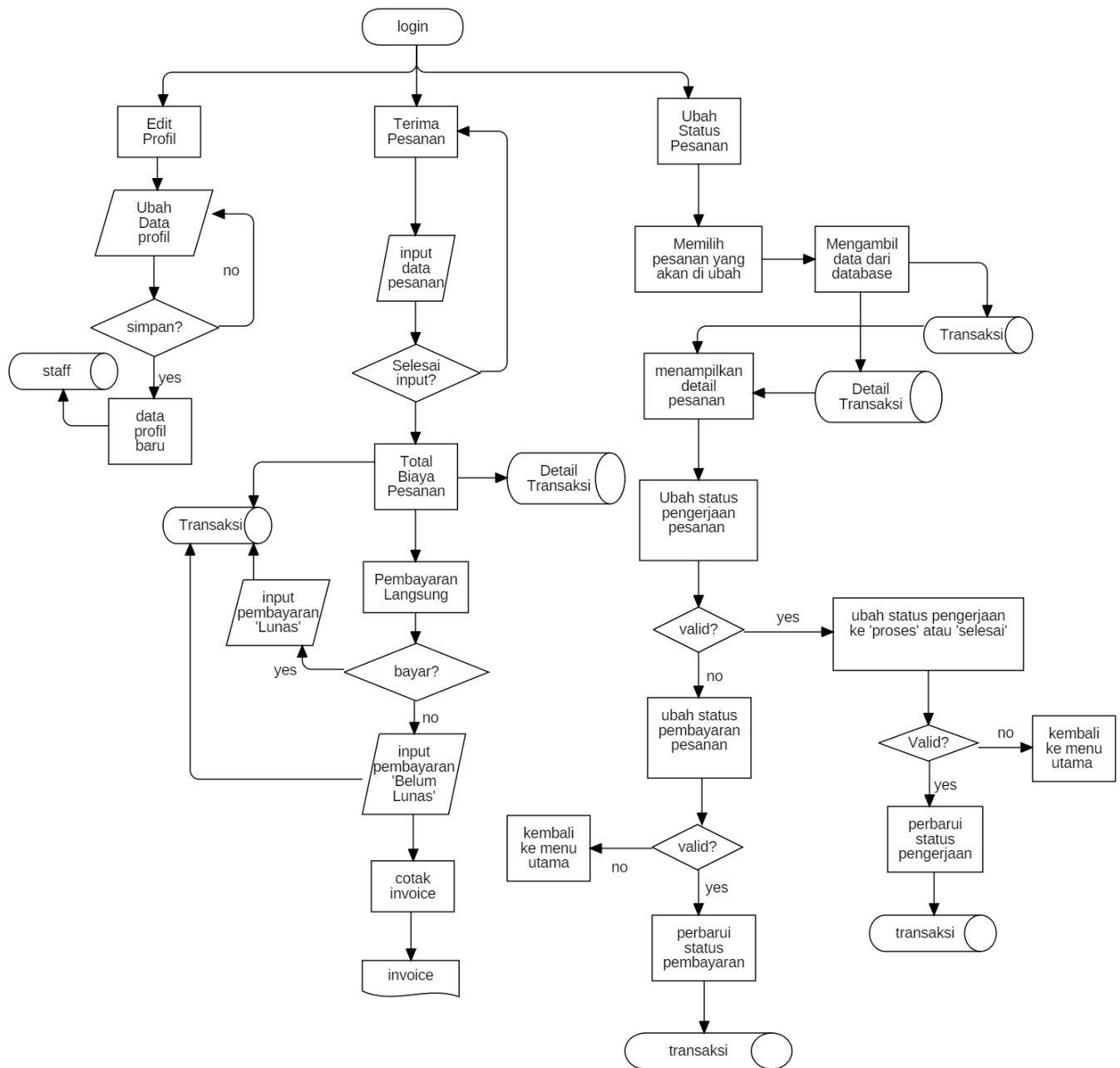


## BAB 2 FLOW SISTEM

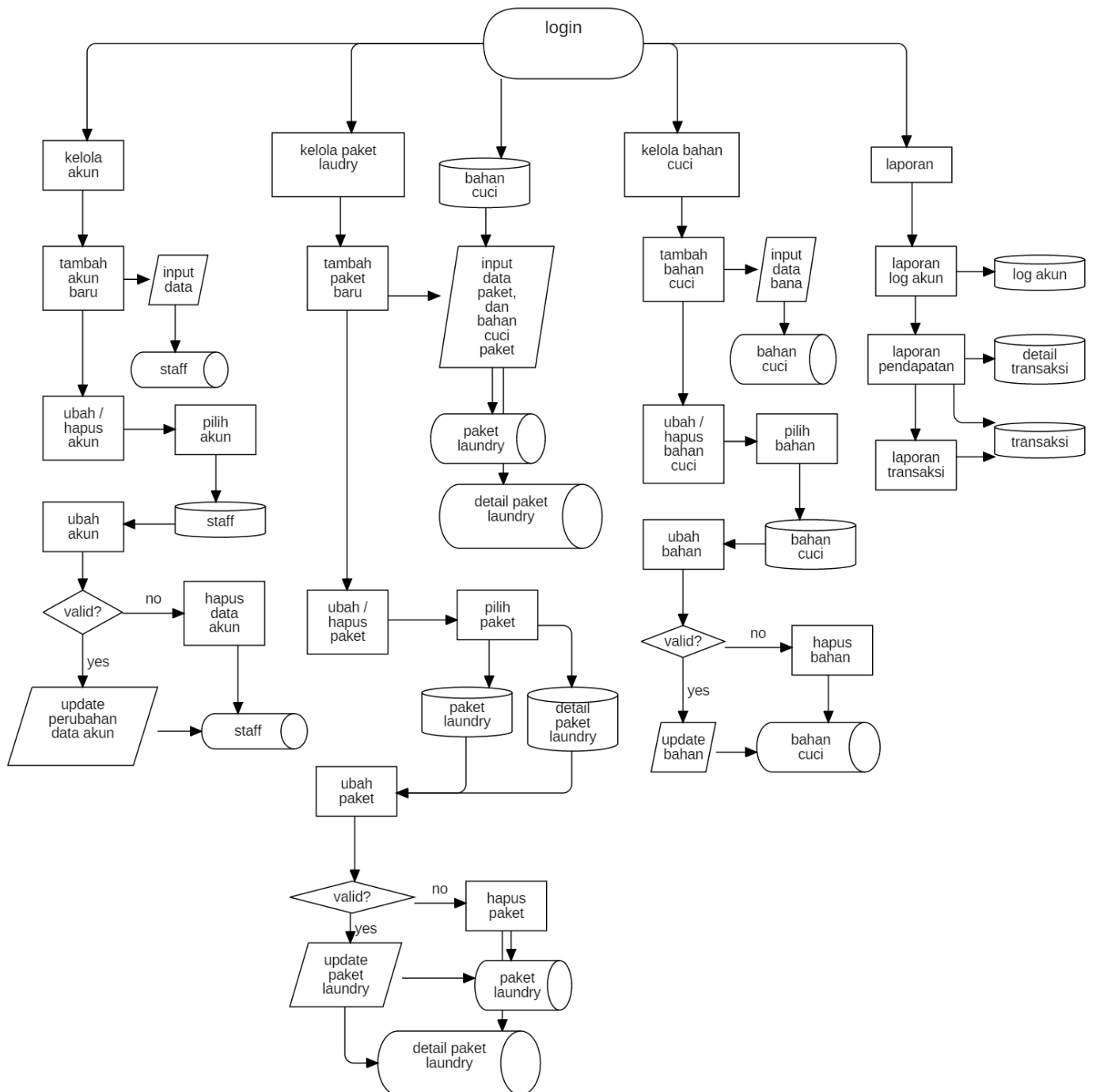
### 2.1 Flow Sistem Login



## 2.2 Flow Sistem Karyawan



## 2.3 Flow Sistem Owner



## BAB 3 PEMBAGIAN TUGAS

### 3.1 [21082010005]

#### 3.1.1 Form owner [owner akses]



Imports System.Data.OracleClient

Public Class Form\_owner

```
Private Sub Form_login_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    Koneksi()
    Label_namaLogin.Text = akun_login
    ConFormEnPanel(New Form_dashboard)
End Sub
```

```
Private Sub btn_close_Click(sender As Object, e As EventArgs) Handles
btn_close.Click
    logout = DateTime.Now.ToString()
    Me.Close()
    Form_login.Show()
    log_akun(id_login, login, logout)
End Sub
```

```
Private Sub btn_max_Click(sender As Object, e As EventArgs) Handles btn_max.Click
    If Me.WindowState = WindowState.Normal Then
        Me.WindowState = WindowState.Maximized
    Else
        Me.WindowState = WindowState.Normal
    End If
End Sub
```

```
Private Sub btn_min_Click(sender As Object, e As EventArgs) Handles btn_min.Click
    Me.WindowState = FormWindowState.Minimized
End Sub
```

```
Sub ConFormEnPanel(ByVal FormCon As Object)
```

```
    If Me.Panel_home.Controls.Count > 0 Then Me.Panel_home.Controls.RemoveAt(0)
    Dim fh As Form = TryCast(FormCon, Form)
    fh.TopLevel = False
```



```

        fh.FormBorderStyle = FormBorderStyle.None
        fh.Dock = DockStyle.Fill
        Me.Panel_home.Controls.Add(fh)
        Me.Panel_home.Tag = fh
        fh.Show()

    End Sub

    Private Sub btn_transaksi_Click(sender As Object, e As EventArgs) Handles
btn_transaksi.Click
        ConFormEnPanel(New Form_akun)
    End Sub

    Private Sub btn_dashboard_Click(sender As Object, e As EventArgs) Handles
btn_paket.Click
        ConFormEnPanel(New Form_Paket_Laundry)
    End Sub

    Private Sub btn_status_Click(sender As Object, e As EventArgs) Handles
btn_status.Click
        ConFormEnPanel(New Form_stokBahan)
    End Sub

    Private Sub btn_dashboard_Click_1(sender As Object, e As EventArgs) Handles
btn_dashboard.Click
        ConFormEnPanel(New Form_dashboard)
    End Sub

    Private Sub btn_rekap_Click(sender As Object, e As EventArgs) Handles
btn_rekap.Click
        ConFormEnPanel(New Form_Laporan)
    End Sub

    Private Sub btn_profil_Click(sender As Object, e As EventArgs) Handles
btn_profil.Click
        ConFormEnPanel(New Form_profil)
    End Sub
End Class

```

### 3.1.2 Form akun [owner akses]

**SELAMAT DATANG**  
Owner: Audy Fitri

**MANAJEMEN USER**

Tambah Akun

	ID STAFF	NAMA STAFF	POSISI STAFF	HP STAFF	USERNAME AKUN	PASSWORD AKUN	JENIS KELAMIN
▶	OWN001	Audy Fitri	Owner	081252233330	own_audy	12345	Perempuan
	KR001	Ody	Karyawan	0812312212220	kr_ody	12345	Perempuan
*							

**UBAH AKUN KARYAWAN**

ID Karyawan:  Username:

Nama Lengkap:  Password:

No. HP:  Jenis Kelamin:

Database : connected

Imports System.Data.OracleClient

```
Public Class Form_akun
    Dim Jk_staff As String
    Dim buka As Boolean
    Dim temp As String

    Sub cldata()
        txt_nama.Clear()
        txt_no.Clear()
        txt_pass.Clear()
        txt_user.Clear()
        Combo_jk.SelectedIndex = 0
    End Sub

    Sub id()
        temp = ""
        Dim query As String = "select case when max(to_number(substr(id_staff,4,6)))
is null then 1 else max(to_number(substr(id_staff,4,6)))+1 end as NO from staff"
        CMD = New OracleCommand(query, CONN)
        CMD.ExecuteNonQuery()
        DR = CMD.ExecuteReader()
        DR.Read()
        txt_id.Text = DR.Item(0)
        For i As Integer = 1 To 3 - txt_id.TextLength
            temp = temp & "0"
        Next
        txt_id.Text = "KR" & temp & txt_id.Text
        DR.Close()
    End Sub

    Sub simpan()
        If Combo_jk.Text = "Laki - Laki" Then
            Jk_staff = "Laki"
        ElseIf Combo_jk.Text = "Perempuan" Then
            Jk_staff = "Perempuan"
        End If
    End Sub
End Class
```

```

        Dim query As String = "insert into staff values('" & txt_id.Text & "', '" &
txt_nama.Text & "', 'Karyawan', '" & txt_no.Text & "', '" & txt_user.Text & "', '" &
txt_pass.Text & "', '" & Jk_staff & "')"

```

```

        CMD = New OracleCommand(query, CONN)

```

```

        CMD.ExecuteNonQuery()

```

```

    End Sub

```

```

Sub ubah()

```

```

    If Combo_jk.Text = "Laki - Laki" Then

```

```

        Jk_staff = "Laki"

```

```

    ElseIf Combo_jk.Text = "Perempuan" Then

```

```

        Jk_staff = "Perempuan"

```

```

    End If

```

```

    Dim query As String = "update staff set nama_staff='" & txt_nama.Text & "'
        , hp_staff='" & txt_no.Text & "'
        , username_akun_staff='" & txt_user.Text & "'
        , password_akun_staff='" & txt_pass.Text & "'
        , jk_staff='" & Jk_staff & "'
        where id_staff='" & txt_id.Text & "'"

```

```

    CMD = New OracleCommand(query, CONN)

```

```

    CMD.ExecuteNonQuery()

```

```

End Sub

```

```

Sub hapus()

```

```

    Dim query As String = "delete from staff where id_staff='" & txt_id.Text & "'"

```

```

    CMD = New OracleCommand(query, CONN)

```

```

    CMD.ExecuteNonQuery()

```

```

End Sub

```

```

Private Sub Form_akun_Load(sender As Object, e As EventArgs) Handles Me.Load

```

```

    'TODO: This line of code loads data into the 'DataSet11.STAFF' table. You can
move, or remove it, as needed.

```

```

    Me.STAFFTableAdapter.Fill(Me.DataSet11.STAFF)

```

```

    Tampil_tabel("staff", DataGrid_akun)

```

```

    buka = True

```

```

End Sub

```

```

Private Sub btn_tambah_Click(sender As Object, e As EventArgs) Handles

```

```

    btn_tambah.Click

```

```

        clldata()

```

```

        id()

```

```

        LABEL_AKUN.Text = "TAMBAH AKUN KARYAWAN"

```

```

        btn_hapus.Visible = False

```

```

        btn_simpan.Text = "Tambah"

```

```

End Sub

```

```

Private Sub DataGrid_akun_CellContentDoubleClick(sender As Object, e As
DataGridViewCellEventArgs) Handles DataGrid_akun.CellContentDoubleClick

```

```

    txt_id.Text = DataGrid_akun.Rows(e.RowIndex).Cells(0).Value

```

```

    txt_nama.Text = DataGrid_akun.Rows(e.RowIndex).Cells(1).Value

```

```

    txt_no.Text = DataGrid_akun.Rows(e.RowIndex).Cells(3).Value

```

```

    txt_user.Text = DataGrid_akun.Rows(e.RowIndex).Cells(4).Value

```

```

    txt_pass.Text = DataGrid_akun.Rows(e.RowIndex).Cells(5).Value

```

```

    If DataGrid_akun.Rows(e.RowIndex).Cells(6).Value = "Laki" Then

```

```

        Combo_jk.Text = "Laki - Laki"

```

```

    ElseIf DataGrid_akun.Rows(e.RowIndex).Cells(6).Value = "Perempuan" Then

```

```

        Combo_jk.Text = "Perempuan"

```

```

    End If

```

```

    LABEL_AKUN.Text = "UBAH AKUN KARYAWAN"

```

```

        btn_hapus.Visible = True
    End Sub

    Private Sub btn_simpan_Click(sender As Object, e As EventArgs) Handles
btn_simpan.Click
        If btn_simpan.Text = "Tambah" Then
            If txt_nama.Text = "" Or txt_no.Text = "" Or txt_pass.Text = "" Or
txt_user.Text = "" Then
                MsgBox("Masih Terdapat Data Kosong!")
            Else
                simpan()
                cldata()
                id()
                Tampil_tabel("staff", DataGrid_akun)
            End If
        ElseIf btn_simpan.Text = "Simpan" Then
            ubah()
            cldata()
            Tampil_tabel("staff", DataGrid_akun)
        End If
    End Sub

    Private Sub btn_hapus_Click(sender As Object, e As EventArgs) Handles
btn_hapus.Click
        hapus()
        cldata()
        Tampil_tabel("staff", DataGrid_akun)
    End Sub

    Private Sub btn_batal_Click(sender As Object, e As EventArgs) Handles
btn_batal.Click
        cldata()
    End Sub

End Class

```

### 3.1.1 Form dashboard [owner akses]

**SELAMAT DATANG**  
Owner : Audy Fitri

**NEW ORDER**  
5

**TOTAL ORDER**  
5

**TOTAL PENDAPATAN**  
Rp.1010000

**Transaksi Terbaru**

ID TRANSAKSI	TGL TRANSAKSI	NAMA CUST	PEMBAYARAN TRANSAKSI	STATUS TRANSAKSI
OR005	30/12/2022	lala	Belum Lunas	Baru
OR004	28/12/2022	haruto	Belum Lunas	Baru
OR001	19/12/2022	junghwan	Belum Lunas	Baru
OR002	23/11/2022	jenjen	Belum Lunas	Baru
OR003	23/12/2022	ody	Belum Lunas	Baru

**TOTAL CUSTOMER**  
5

**TOTAL KARYAWAN**  
2

Database : connected

Imports System.Data.OracleClient

Public Class Form\_dashboard

Private Sub Form\_dashboard\_Load(sender As Object, e As EventArgs) Handles Me.Load  
'TODO: This line of code loads data into the 'DataSet2.TRANSAKSI' table. You can move, or remove it, as needed.

Me.TRANSAKSITableAdapter.Fill(Me.DataSet2.TRANSAKSI)

'Untuk menghitung jumlah karywan

Dim query As String = "select count(id\_staff) from staff"

CMD = New OracleCommand(query, CONN)

CMD.ExecuteNonQuery()

DR = CMD.ExecuteReader()

DR.Read()

label\_karyawan.Text = DR.Item(0)

DataGridView\_transaksi.ReadOnly = True

DataGridView\_transaksi.AutoSizeColumnsMode =

DataGridView\_transaksi.AutoSizeColumnsMode.Fill

'jumlah transaksi baru

query = "select count(\*) from transaksi where status\_transaksi='Baru'"

CMD = New OracleCommand(query, CONN)

CMD.ExecuteNonQuery()

DR = CMD.ExecuteReader()

DR.Read()

Label14.Text = DR.Item(0)

'jumlah total transaksi

Dim query1 As String = "select count(\*) from transaksi"

CMD = New OracleCommand(query1, CONN)

CMD.ExecuteNonQuery()

DR = CMD.ExecuteReader()

DR.Read()

Label15.Text = DR.Item(0)

' untuk menghitung jumlah customer

query = "select count(distinct(HP\_CUST)) from transaksi"

CMD = New OracleCommand(query, CONN)

CMD.ExecuteNonQuery()

DR = CMD.ExecuteReader()

DR.Read()

Label12.Text = DR.Item(0)

```

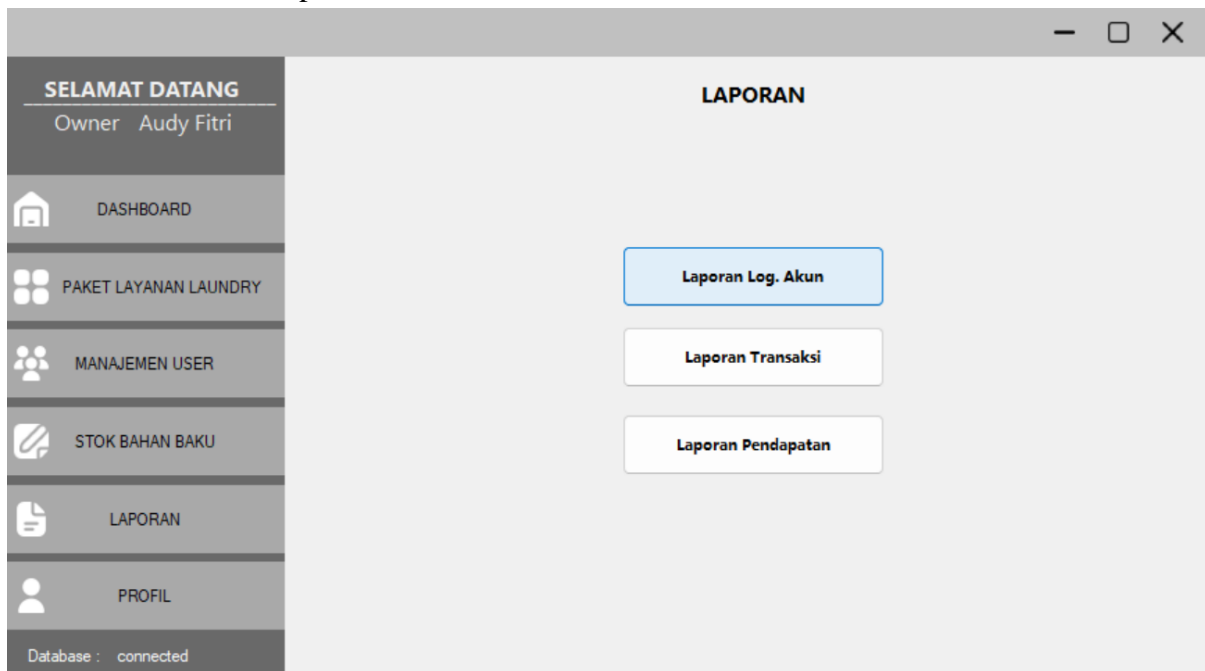
'total pendapatan
query = "select sum(total) from detail_transaksi"
CMD = New OracleCommand(query, CONN)
CMD.ExecuteNonQuery()
DR = CMD.ExecuteReader()
DR.Read()
Label1.Text = "Rp." + DR.Item(0).ToString

```

End Sub

End Class

### 3.1.2 Form laporan [owner akses]



Public Class Form\_Laporan

```

Private Sub Button3_Click(sender As Object, e As EventArgs) Handles Button3.Click
    Form_owner.ConFormEnPanel(New Form_Laporan_logAkun)
End Sub

```

```

Private Sub Button2_Click(sender As Object, e As EventArgs) Handles Button2.Click
    Form_owner.ConFormEnPanel(New Form_Laporan_Transaksi)
End Sub

```

```

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    Form_owner.ConFormEnPanel(New Form_Laporan_pendapatan)
End Sub

```

End Class

### 3.1.3 Form paket laundry [owner akses]

**PAKET LAUNDRY SEPATU**

ID PAKET	NAMA PAKET	HARGA PAKET
P001	deep clean shoes	60000
P002	deep clean boots	80000
P003	unyellowing sole	60000
P004	deep clean leather	80000
P005	deep clean kid s...	35000

**DETAIL PAKET LAUDRY**

Nama Paket: deep clean shoes      Harga Paket: 60000

**Bahan Cuci**

Nama Bahan:       Takaran (ml):

NAMA_BAHAN	TAKARAN
shoe cleaner	7
refresher	3

Imports System.Data.OracleClient

Public Class Form\_Paket\_Laundry

Dim bahan As String  
Dim temp As String  
Dim id\_baru As String  
Dim id\_panggil As String

Private Sub cldata()  
txt\_harga.Clear()  
txt\_nama.Clear()  
txt\_takaran.Clear()  
Combo\_bahan.Text = ""  
DataGrid\_detail.DataSource = False  
End Sub

Sub get\_data(ByVal id As String, ByVal grid As DataGridView)  
DA = New OracleDataAdapter("select nama\_bahan,takaran  
from bahan\_cuci join detail\_paket using(id\_bahan) join  
paket\_laundry  
using (id\_paket) where id\_paket='" & id & "'", CONN)  
DS = New DataSet  
DS.Clear()  
DA.Fill(DS, "select nama\_bahan,takaran  
from bahan\_cuci join detail\_paket using(id\_bahan) join  
paket\_laundry  
using (id\_paket) where id\_paket='" & id & "'")  
grid.DataSource = (DS.Tables("select nama\_bahan,takaran  
from bahan\_cuci join detail\_paket using(id\_bahan) join  
paket\_laundry  
using (id\_paket) where id\_paket='" & id & "'"))  
grid.ReadOnly = True  
grid.AutoSizeColumnsMode = grid.AutoSizeColumnsMode.Fill  
End Sub

```

Sub cariBahan(ByVal a As String)
    CMD = New OracleCommand("select id_bahan from bahan_cuci where nama_bahan='" &
a & "'", CONN)
    DR = CMD.ExecuteReader
    DR.Read()
    If DR.HasRows Then
        bahan = DR.Item("id_bahan")
    Else
        MsgBox("bahan TIDAK DITEMUKAN")
    End If
End Sub

Sub simpanBahan(ByVal a As String, ByVal b As String)
    cariBahan(a)
    Dim query As String = "insert into detail_paket values('" & bahan & "', '" & b
& "', " & CInt(txt_takaran.Text) & "')"
    CMD = New OracleCommand(query, CONN)
    CMD.ExecuteNonQuery()
End Sub

Sub ubahBahan(ByVal a As String, ByVal b As String)
    cariBahan(a)
    Dim query As String = "update detail_paket set takaran= '" &
CInt(txt_takaran.Text) & "'
                                where id_bahan='" & bahan & "' and id_paket='" & b & "'"
    CMD = New OracleCommand(query, CONN)
    CMD.ExecuteNonQuery()
End Sub

Sub hapusBahan(ByVal a As String, ByVal b As String)
    cariBahan(a)
    Dim query As String = "delete from detail_paket where id_bahan='" & bahan & "'
and id_paket='" & b & "'"
    CMD = New OracleCommand(query, CONN)
    CMD.ExecuteNonQuery()
End Sub

'METHOD UNTUK CRUD PAKET'
Sub simpanPaket(ByVal id As String, ByVal a As String, ByVal b As Integer)
    Dim query As String = "insert into paket_laundry values('" & id & "', '" & a &
"', " & b & "')"
    CMD = New OracleCommand(query, CONN)
    CMD.ExecuteNonQuery()
End Sub

Sub ubahPaket(ByVal id As String, ByVal a As String, ByVal b As Integer)
    Dim query As String = "update paket_laundry set nama_paket='" & a & "',
harga_paket=" & b & " where id_paket='" & id & "'"
    CMD = New OracleCommand(query, CONN)
    CMD.ExecuteNonQuery()
End Sub

Sub hapusPaket(ByVal a As String)
    Dim query As String = "delete from detail_paket where id_paket='" & a & "'"
    CMD = New OracleCommand(query, CONN)
    CMD.ExecuteNonQuery()
    Dim query2 As String = "delete from paket_laundry where id_paket='" & a & "'"
    CMD = New OracleCommand(query2, CONN)
    CMD.ExecuteNonQuery()
End Sub

```



```

Sub id()
    temp = ""
    Dim query As String = "select case when max(to_number(substr(id_paket,3,6)))
is null then 1 else max(to_number(substr(id_paket,3,6)))+1 end as NO from
paket_laundry"
    CMD = New OracleCommand(query, CONN)
    CMD.ExecuteNonQuery()
    DR = CMD.ExecuteReader()
    DR.Read()
    id_baru = DR.Item(0)
    For i As Integer = 1 To 3 - id_baru.Length
        temp = temp & "0"
    Next
    id_baru = "P" & temp & id_baru
    DR.Close()
End Sub

'=====
=====

Private Sub Form_Paket_Laundry_Load(sender As Object, e As EventArgs) Handles
Me.Load
    'TODO: This line of code loads data into the
'DataSet_paketLaundry.PAKET_LAUNDRY' table. You can move, or remove it, as needed.
    Me.PAKET_LAUNDRYTableAdapter.Fill(Me.DataSet_paketLaundry.PAKET_LAUNDRY)
    Tampil_tabel("paket_laundry", DataGrid_paket)
    DA = New OracleDataAdapter("select nama_bahan from bahan_cuci", CONN)
    DS = New DataSet()
    DS.Clear()
    DA.Fill(DS, "select nama_bahan from bahan_cuci")

    For i = 0 To DS.Tables(0).Rows.Count - 1
        Combo_bahan.Items.Add(DS.Tables(0).Rows(i).Item("nama_bahan"))
    Next
End Sub

Private Sub DataGrid_paket_CellContentDoubleClick(sender As Object, e As
DataGridViewCellEventArgs) Handles DataGrid_paket.CellContentDoubleClick
    id_panggil = DataGrid_paket.Rows(e.RowIndex).Cells(0).Value
    get_data(id_panggil, DataGrid_detail)
    txt_nama.Text = DataGrid_paket.Rows(e.RowIndex).Cells(1).Value
    txt_harga.Text = DataGrid_paket.Rows(e.RowIndex).Cells(2).Value
    btn_tambah.Text = "Simpan"
End Sub

Private Sub DataGrid_detail_CellContentDoubleClick(sender As Object, e As
DataGridViewCellEventArgs)
    Combo_bahan.Text = DataGrid_detail.Rows(e.RowIndex).Cells(0).Value
    txt_takaran.Text = DataGrid_detail.Rows(e.RowIndex).Cells(1).Value
    btn_tambahBahan.Text = "Simpan"
End Sub

Private Sub btn_tambahBahan_Click(sender As Object, e As EventArgs) Handles
btn_tambahBahan.Click
    If Combo_bahan.Text = "" Or txt_takaran.Text = "" Then
        MsgBox("Terdapat data kosong!")
    Else
        If btn_tambahBahan.Text = "Tambah" Then
            simpanBahan(Combo_bahan.Text, id_panggil)
            get_data(id_panggil, DataGrid_detail)
        End If
    End If
End Sub

```

```

        ElseIf btn_tambahBahan.Text = "Simpan" Then
            ubahBahan(Combo_bahan.Text, id_panggil)
            get_data(id_panggil, DataGrid_detail)
            btn_tambahBahan.Text = "Tambah"
        End If
    End If
    Combo_bahan.Text = ""
    txt_takaran.Text = ""
End Sub

Private Sub btn_hpsBahan_Click(sender As Object, e As EventArgs) Handles
    btn_hpsBahan.Click
        hapusBahan(Combo_bahan.Text, id_panggil)
        get_data(id_panggil, DataGrid_detail)
        Combo_bahan.Text = ""
        txt_takaran.Text = ""
        btn_tambahBahan.Text = "Tambah"
    End Sub

Private Sub btn_tambah_Click(sender As Object, e As EventArgs) Handles
    btn_tambah.Click
        If txt_nama.Text = "" Or txt_harga.Text = "" Then
            MsgBox("Terdapat data Kosong!")
        Else
            If btn_tambah.Text = "Tambah" Then
                id()
                simpanPaket(id_baru, txt_nama.Text, CInt(txt_harga.Text))
                Tampil_tabel("paket_laundry", DataGrid_paket)
            ElseIf btn_tambah.Text = "Simpan" Then
                ubahPaket(id_panggil, txt_nama.Text, CInt(txt_harga.Text))
                Tampil_tabel("paket_laundry", DataGrid_paket)
                btn_tambah.Text = "Tambah"
            End If
        End If
        cldata()
    End Sub

Private Sub btn_hapus_Click(sender As Object, e As EventArgs) Handles
    btn_hapus.Click
        hapusPaket(id_panggil)
        Tampil_tabel("paket_laundry", DataGrid_paket)
        cldata()
        btn_tambah.Text = "Tambah"
    End Sub

Private Sub btn_batal_Click(sender As Object, e As EventArgs) Handles
    btn_batal.Click
        cldata()
        btn_tambah.Text = "Tambah"
        btn_tambahBahan.Text = "Tambah"
    End Sub

'Private Sub btn_simpan_Click(sender As Object, e As EventArgs) Handles
    btn_simpan.Click
        ' If
        ' id()
        ' simpanPaket(id_baru, txt_nama.Text, CInt(txt_harga.Text))
        ' Tampil_tabel("paket_laundry", DataGrid_paket)
    'End Sub
End Class

```

### 3.1.4 Form stok bahan [owner akses]

ID BAHAN	NAMA BAHAN	STOK BAHAN
B001	unyellowing lotion	200
B002	refresher	149
B003	leather lotion	130
B004	shoe cleaner	178
B005	semir	150

Imports System.Data.OracleClient

Imports System.Drawing.Printing

Public Class Form\_stokBahan

```

    Dim temp As String
    Dim id_baru As String
    'method untuk membuat id otomatis
    Sub id()
        temp = ""
        Dim query As String = "select case when max(to_number(substr(id_bahan,3,6)))
                                is null then 1 else max(to_number(substr(id_bahan,3,6)))+1 end as NO from
bahan_cuci"
        CMD = New OracleCommand(query, CONN)
        CMD.ExecuteNonQuery()
        DR = CMD.ExecuteReader()
        DR.Read()
        id_baru = DR.Item(0)
        For i As Integer = 1 To 3 - id_baru.Length
            temp = temp & "0"
        Next
        id_baru = "B" & temp & id_baru
        DR.Close()
    End Sub

    'method untuk menambah data baru
    Sub simpan(ByVal id As String, ByVal a As String, ByVal b As Integer)
        Dim query As String = "insert into bahan_cuci values('" & id & "','" & a & "','" & b & "')"
        CMD = New OracleCommand(query, CONN)
        CMD.ExecuteNonQuery()
    End Sub

    'method untuk update data
    Sub ubah(ByVal id As String, ByVal b As Integer)
        Dim query As String = "update bahan_cuci set stok_bahan=(select stok_bahan + "
& b & " from bahan_cuci where id_bahan='" & id & "') where id_bahan='" & id & "'"
        CMD = New OracleCommand(query, CONN)
    
```

```

        CMD.ExecuteNonQuery()
    End Sub

    'method untuk hapus data
    'menghapus data ditabel relasi terlebih dahulu, baru ditabel induknya
    Sub hapus(ByVal a As String)
        Dim query As String = "delete from detail_paket where id_bahan='" & a & "'"
        CMD = New OracleCommand(query, CONN)
        CMD.ExecuteNonQuery()
        Dim query2 As String = "delete from bahan_cuci where id_bahan='" & a & "'"
        CMD = New OracleCommand(query2, CONN)
        CMD.ExecuteNonQuery()
    End Sub

    Sub cldata()
        txt_idBahan.Clear()
        txt_namaBahan.Text = ""
        txt_updateIsi.Clear()
    End Sub

    Private Sub btn_tBahan_Click(sender As Object, e As EventArgs) Handles
        btn_tBahan.Click
            label_judul.Text = "TAMBAH BAHAN"
            txt_namaBahan.Visible = True
            btn_simpan.Text = "Tambah"
            id()
            txt_idBahan.Text = id_baru
        End Sub

    Private Sub Form_stokBahan_Load(sender As Object, e As EventArgs) Handles Me.Load
        'TODO: This line of code loads data into the 'DataSet_BahanCuci.BAHAN_CUCI'
        table. You can move, or remove it, as needed.
        Me.BAHAN_CUCITableAdapter.Fill(Me.DataSet_BahanCuci.BAHAN_CUCI)
        Tampil_tabel("bahan_cuci", DataGridView_bahan)
    End Sub

    Private Sub DataGridView_bahan_CellContentDoubleClick(sender As Object, e As
        DataGridViewCellEventArgs) Handles DataGridView_bahan.CellContentDoubleClick
        txt_idBahan.Text = DataGridView_bahan.Rows(e.RowIndex).Cells(0).Value
        txt_namaBahan.Text = DataGridView_bahan.Rows(e.RowIndex).Cells(1).Value
        label_judul.Text = "UPDATE STOK BAHAN"
        btn_simpan.Text = "Simpan"
    End Sub

    Private Sub btn_simpan_Click(sender As Object, e As EventArgs) Handles
        btn_simpan.Click
            If txt_namaBahan.Text = "" Or txt_updateIsi.Text = "" Then
                MsgBox("Terdapat data kosong!")
            Else
                If btn_simpan.Text = "Simpan" Then
                    ubah(txt_idBahan.Text, CInt(txt_updateIsi.Text))
                ElseIf btn_simpan.Text = "Tambah" Then
                    simpan(id_baru, txt_namaBahan.Text, CInt(txt_updateIsi.Text))
                End If
                Tampil_tabel("bahan_cuci", DataGridView_bahan)
            End If
            cldata()
        End Sub

    Private Sub btn_hapusBahan_Click(sender As Object, e As EventArgs) Handles
        btn_hapusBahan.Click

```

```

        hapus(txt_idBahan.Text)
        Tampil_tabel("bahan_cuci", DataGridView_bahan)
        cldata()
    End Sub

    Private Sub btn_batal_Click(sender As Object, e As EventArgs) Handles
        btn_batal.Click
            cldata()
        End Sub
    End Sub

End Class

```

### 3.1.5 Form laporan log akun [owner akses]

ID_STAFF	NAMA_STAFF	LOGIN	LOGOUT
KR001	Ody	23/12/2022 6:16	23/12/2022 6:18
KR001	Ody	20/12/2022 11:47	20/12/2022 11:47
KR001	Ody	21/12/2022 0:37	21/12/2022 0:38
KR001	Ody	27/12/2022 19:34	27/12/2022 19:35
OWN001	Audy Fitri	29/12/2022 22:40	29/12/2022 22:40
OWN001	Audy Fitri	20/12/2022 11:47	20/12/2022 11:47
OWN001	Audy Fitri	20/12/2022 12:18	20/12/2022 12:19
OWN001	Audy Fitri	21/12/2022 0:41	21/12/2022 0:42
OWN001	Audy Fitri	29/12/2022 22:43	29/12/2022 22:43
OWN001	Audy Fitri	29/12/2022 22:46	29/12/2022 22:47

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

```

Public Class Form_Laporan_logAkun
    Sub TampilData()
        If rb_semua.Checked = True Then
            DA = New OracleDataAdapter("select id_staff,nama_staff,login,logout from
log_akun join staff using (id_staff)", CONN)
            DS = New DataSet
            DS.Clear()
            DA.Fill(DS, "XXX")
            DataGridView1.DataSource = (DS.Tables("XXX"))
            DataGridView1.ReadOnly = True
            DataGridView1.AutoSizeColumnsMode = DataGridView1.AutoSizeColumnsMode.Fill
            rb_custom.Checked = False
        ElseIf rb_custom.Checked = True Then
            DA = New OracleDataAdapter("SELECT id_staff,nama_staff,login,logout from
log_akun join staff using (id_staff) where login between TO_TIMESTAMP('" &
DateTimePicker_mulai.Text & "','DD Month YYYY')-1 and TO_TIMESTAMP('" &
DateTimePicker_sampai.Text & "','DD Month YYYY')+1", CONN)
            DS = New DataSet
            DS.Clear()
            DA.Fill(DS, "XX")
            DataGridView1.DataSource = (DS.Tables("XX"))
            DataGridView1.ReadOnly = True
            DataGridView1.AutoSizeColumnsMode = DataGridView1.AutoSizeColumnsMode.Fill
        End If
    End Sub
End Class

```

```

End Sub

Private Sub Label3_Click(sender As Object, e As EventArgs) Handles Label3.Click
    Form_owner.ConFormEnPanel(Form_Laporan)
End Sub

Private Sub Form_Laporan_logAkun_Load(sender As Object, e As EventArgs) Handles Me.Load
    rb_semua.Checked = True
    TampilData()
End Sub

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    TampilData()
End Sub
End Class

```

### 3.1.6 Form laporan pendapatan [owner akses]

TGL_TRANSAKSI	PEMASUKAN	TOTAL
19/12/2022	OR001	140000
23/11/2022	OR002	240000
23/12/2022	OR003	190000
28/12/2022	OR004	200000
30/12/2022	OR005	240000
<b>TOTAL</b>		<b>Rp.1010000</b>

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

```

Public Class Form_Laporan_pendapatan
    Sub TampilData()
        If rb_semua.Checked = True Then
            DA = New OracleDataAdapter("select tgl_transaksi ,id_transaksi AS
PEMASUKAN ,SUM(total) AS TOTAL from detail_transaksi join transaksi
                                using (id_transaksi) group by
id_transaksi,tgl_transaksi order by id_transaksi ", CONN)
            DS = New DataSet
            DS.Clear()
            DA.Fill(DS, "XXX")
            DataGridView1.DataSource = (DS.Tables("XXX"))
            DataGridView1.ReadOnly = True
            DataGridView1.AutoSizeColumnsMode = DataGridView1.AutoSizeColumnsMode.Fill
            Dim query As String = "select sum(total) from detail_transaksi"
            CMD = New OracleCommand(query, CONN)
            CMD.ExecuteNonQuery()
            DR = CMD.ExecuteReader()
            DR.Read()
            TextBox1.Text = "Rp." + DR.Item(0).ToString
        End If
    End Sub
End Class

```

```

        rb_bulanan.Checked = False
    ElseIf rb_bulanan.Checked = True Then
        DA = New OracleDataAdapter("select tgl_transaksi,id_transaksi AS PEMASUKAN
,SUM(total) AS TOTAL from detail_transaksi join transaksi
        using (id_transaksi)
        where extract(month from tgl_transaksi)= " &
CInt(cb_bulan.Text) & " and extract(year from tgl_transaksi)=" & CInt(cb_tahun.Text) &
"
        group by id_transaksi,tgl_transaksi order by
id_transaksi ", CONN)
        DS = New DataSet
        DS.Clear()
        DA.Fill(DS, "XX")
        DataGridView1.DataSource = (DS.Tables("XX"))
        DataGridView1.ReadOnly = True
        DataGridView1.AutoSizeColumnsMode = DataGridView1.AutoSizeColumnsMode.Fill
        Dim query As String = "select sum(total) from detail_transaksi join
transaksi
        using (id_transaksi)
        where extract(month from tgl_transaksi)= " &
CInt(cb_bulan.Text) & " and extract(year from tgl_transaksi)=" & CInt(cb_tahun.Text) &
"
        group by id_transaksi,tgl_transaksi order by
id_transaksi"
        CMD = New OracleCommand(query, CONN)
        CMD.ExecuteNonQuery()
        DR = CMD.ExecuteReader()
        DR.Read()
        TextBox1.Text = "Rp." + DR.Item(0).ToString
        rb_semua.Checked = False
    End If
End Sub

Private Sub Label3_Click(sender As Object, e As EventArgs) Handles Label3.Click
    Form_owner.ConFormEnPanel(Form_Laporan)
End Sub

Private Sub Form_Laporan_pendapatan_Load(sender As Object, e As EventArgs) Handles
Me.Load
    rb_semua.Checked = True
    TampilData()
    DA = New OracleDataAdapter("select distinct(extract(month from tgl_transaksi))
AS Bulan from transaksi", CONN)
    DS = New DataSet()
    DS.Clear()
    DA.Fill(DS, "select distinct(extract(month from tgl_transaksi)) AS Bulan from
transaksi")

    For i = 0 To DS.Tables(0).Rows.Count - 1
        cb_bulan.Items.Add(DS.Tables(0).Rows(i).Item("Bulan"))
    Next

    DA = New OracleDataAdapter("select distinct(extract(year from tgl_transaksi))
AS Year from transaksi", CONN)
    DS = New DataSet()
    DS.Clear()
    DA.Fill(DS, "select distinct(extract(year from tgl_transaksi)) As Year from
transaksi")

    For i = 0 To DS.Tables(0).Rows.Count - 1
        cb_tahun.Items.Add(DS.Tables(0).Rows(i).Item("Year"))
    Next

```

End Sub

```
Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    TampilData()
End Sub
```

End Class

### 3.1.7 Form laporan transaksi [owner akses]

ID_TRANSAKSI	TGL_TRANSAKSI	NAMA_CUST	STATUS_TRANSAKSI	PEMBAYARAN_TRAN
OR001	19/12/2022	junghwan	Baru	Belum Lunas
OR002	23/11/2022	jenjen	Baru	Belum Lunas
OR003	23/12/2022	ody	Baru	Belum Lunas
OR004	28/12/2022	haruto	Baru	Belum Lunas
OR005	30/12/2022	lala	Baru	Belum Lunas

Imports System.Data.OracleClient

```
Public Class Form_Laporan_Transaksi
```

```
    Sub TampilData()
```

```
        If rb_semua.Checked = True Then
```

```
            DA = New OracleDataAdapter("select id_transaksi, tgl_transaksi, nama_cust, status_transaksi, pembayaran_transaksi from transaksi order by id_transaksi", CONN)
```

```
            DS = New DataSet
```

```
            DS.Clear()
```

```
            DA.Fill(DS, "XXX")
```

```
            tabelTransaksi.DataSource = (DS.Tables("XXX"))
```

```
            tabelTransaksi.ReadOnly = True
```

```
            tabelTransaksi.AutoSizeColumnsMode =
```

```
            tabelTransaksi.AutoSizeColumnsMode.Fill
```

```
            rb_custom.Checked = False
```

```
        ElseIf rb_custom.Checked = True Then
```

```
            DA = New OracleDataAdapter("select id_transaksi, tgl_transaksi, nama_cust, status_transaksi, pembayaran_transaksi from transaksi where tgl_transaksi between TO_TIMESTAMP('" & DateTimePicker_mulai.Text & "','DD Month YYYY') and TO_TIMESTAMP('" & DateTimePicker_sampai.Text & "','DD Month YYYY')", CONN)
```

```
            DS = New DataSet
```

```
            DS.Clear()
```

```
            DA.Fill(DS, "XX")
```

```
            tabelTransaksi.DataSource = (DS.Tables("XX"))
```

```
            tabelTransaksi.ReadOnly = True
```

```
            tabelTransaksi.AutoSizeColumnsMode =
```

```
            tabelTransaksi.AutoSizeColumnsMode.Fill
```

```
        End If
```



```

End Sub

Private Sub Label3_Click(sender As Object, e As EventArgs) Handles Label3.Click
    Form_owner.ConFormEnPanel(Form_Laporan)
End Sub

Private Sub Form_Laporan_Transaksi_Load(sender As Object, e As EventArgs) Handles MyBase.Load
    'TODO: This line of code loads data into the 'DataSet3.TRANSAKSI' table. You
    can move, or remove it, as needed.
    'Me.TRANSAKSITableAdapter.Fill(Me.DataSet3.TRANSAKSI)
    rb_semua.Checked = True
    TampilData()
End Sub

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    TampilData()
End Sub

Private Sub DataGridView1_CellContentDoubleClick(sender As Object, e As
DataGridViewCellEventArgs) Handles tabelTransaksi.CellContentDoubleClick
    tampung = tabelTransaksi.Rows(e.RowIndex).Cells(0).Value
    Form_owner.ConFormEnPanel(New Form_laporan_transaksi_detail)
End Sub
End Class

```

### 3.1.8 Form profil [owner akses]

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

```
Public Class Form_profil
```

```

Private Sub Form_profil_Load(sender As Object, e As EventArgs) Handles Me.Load
    CMD = New OracleCommand("select * from staff where NAMA_STAFF='" & akun_login
& "'", CONN)
    DR = CMD.ExecuteReader
    DR.Read()
    If DR.HasRows Then
        txt_id.Text = DR.Item("ID_STAFF")
        txt_nama.Text = DR.Item("NAMA_STAFF")
    End If
End Sub

```

```

txt_hp.Text = DR.Item("HP_STAFF")
txt_posisi.Text = DR.Item("POSISI_STAFF")
txt_user.Text = DR.Item("USERNAME_AKUN_STAFF")
txt_pass.Text = DR.Item("PASSWORD_AKUN_STAFF")
If DR.Item("JK_STAFF") = "Perempuan" Then
    rb_perempuan.Checked = True
ElseIf DR.Item("JK_STAFF") = "Laki" Then
    rb_laki.Checked = True
End If
Else
    MsgBox("DATA GAGAL MEMUAT")
End If
End Sub

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    Dim jk_staff As String
    If rb_laki.Checked = True Then
        jk_staff = "Laki"
    ElseIf rb_perempuan.Checked = True Then
        jk_staff = "Perempuan"
    End If
    Dim query As String = "update staff set nama_staff='" & txt_nama.Text & "'
        , hp_staff='" & txt_hp.Text & "'
        , username_akun_staff='" & txt_user.Text & "'
        , password_akun_staff='" & txt_pass.Text & "'
        , jk_staff='" & Jk_staff & "'
        where id_staff='" & txt_id.Text & "'"
    CMD = New OracleCommand(query, CONN)
    CMD.ExecuteNonQuery()
End Sub
End Class

```

### 3.1.1 Form order [karyawan akses]

The screenshot shows a web application interface for a laundry service. The sidebar on the left contains a welcome message and navigation options. The main form area is titled 'FORM ORDER' and includes fields for transaction details, customer information, and order specifics. A table displays the selected laundry packages and their quantities.

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

```
Public Class Form_order
```

```
    Dim temp As String
```

```
    Sub isilv()
```

```
        Dim lst As New ListViewItem
```

```

        lst.Text = cb_Paket.Text
        lst.SubItems.Add(tb_Juml.Text)
        lv_paket.Items.Add(lst)
    End Sub

    Sub dtclear()
        tb_Alamat.Clear()
        tb_Juml.Clear()
        tb_NamaCust.Clear()
        tb_NoOrder.Clear()
        tb_Telp.Clear()
        cb_Paket.Text = ""
        cb_Pesanan.Text = ""
        cb_Status.Text = ""
        lv_paket.Clear()
    End Sub

    Sub id()
        temp = ""
        Dim query As String = "select case when
max(to_number(substr(ID_TRANSAKSI,3,6))) is null then 1 else
max(to_number(substr(ID_TRANSAKSI,3,6))+1 end as NO from transaksi"
        CMD = New OracleCommand(query, CONN)
        CMD.ExecuteNonQuery()
        DR = CMD.ExecuteReader()
        DR.Read()
        tb_NoOrder.Text = DR.Item(0)
        For i As Integer = 1 To 3 - tb_NoOrder.Text.Length
            temp = temp & "0"
        Next
        tb_NoOrder.Text = "OR" & temp & tb_NoOrder.Text
        DR.Close()
    End Sub

    Private Sub Form_order_Load(sender As Object, e As EventArgs) Handles Me.Load
        id()
        'menambahkan data nama paket laundry dari data base ke combo box
        DA = New OracleDataAdapter("select nama_paket from paket_laundry", CONN)
        DS = New DataSet()
        DS.Clear()
        DA.Fill(DS, "select nama_paket from paket_laundry")

        For i = 0 To DS.Tables(0).Rows.Count - 1
            cb_Paket.Items.Add(DS.Tables(0).Rows(i).Item("nama_paket"))
        Next
    End Sub

    Private Sub b_Add_Click(sender As Object, e As EventArgs) Handles b_Add.Click
        'menambahkan data transaksi terlebih dahulu
        Dim query As String = "insert into transaksi values ('" & tb_NoOrder.Text &
        "','" & id_login & "','" & TO_DATE("'" & dt_Tgl.Text & "','DD Month YYYY'),TO_DATE("'" &
        dt_Tgl.Text & "','" & TO_DATE("'" & dt_Tgl.Text & "','DD Month YYYY')+3,'Baru','" & cb_Status.Text & "','" &
        tb_NamaCust.Text & "','" & tb_Telp.Text & "','" & tb_Alamat.Text & "','" &
        cb_Pesanan.Text & "')"
        CMD = New OracleCommand(query, CONN)
        CMD.ExecuteNonQuery()
        'lalu memasukan detail dari transaksi
        For i As Integer = 0 To (lv_paket.Items.Count - 1)
            Dim query1 As String = "insert into detail_transaksi

```

```

values('' & tb_NoOrder.Text & ''',(select id_paket
from paket_laundry where nama_paket='' & lv_paket.Items(i).Text & '''), '' &
CInt(lv_paket.Items(i).SubItems(1).Text) & ''',
(select harga_paket*'' &
CInt(lv_paket.Items(i).SubItems(1).Text) & '' from paket_laundry where nama_paket='' &
lv_paket.Items(i).Text & '''))"
CMD = New OracleCommand(query1, CONN)
CMD.ExecuteNonQuery()
' PENGURANGAN BAHAN CUCI PER PAKET LAYANAN LAUNDRY DIKALI JUMLAH NYA

DA = New OracleDataAdapter("select id_bahan, takaran from detail_paket
where id_paket=(select id_paket from paket_laundry where nama_paket='' &
lv_paket.Items(i).Text & ''", CONN)
DS.Clear()
DA.Fill(DS, "XXX")

For a As Integer = 0 To (DS.Tables("XXX").Rows.Count - 1)
Dim id_bahan = DS.Tables("XXX").Rows(a).Item(0).ToString
Dim takaran = CInt(DS.Tables("XXX").Rows(a).Item(1))
Dim total As Integer = takaran *
CInt(lv_paket.Items(i).SubItems(1).Text) 'total adalah hasil jumlah dari takaran bahan
dikali quantity dari paket
Dim query2 As String = "update bahan_cuci set stok_bahan = (select
stok_bahan-" & total & " from bahan_cuci where id_bahan='' & id_bahan & '') where
id_bahan='' & id_bahan & ""
CMD = New OracleCommand(query2, CONN)
CMD.ExecuteNonQuery()
Next
Next

Form_Admin.ConFormEnPanel(New Form_transaksi)
End Sub

Private Sub Label14_Click(sender As Object, e As EventArgs) Handles Label14.Click
Form_Admin.ConFormEnPanel(New Form_transaksi)
End Sub

Private Sub b_hapus_Click(sender As Object, e As EventArgs) Handles b_hapus.Click
lv_paket.Items.Remove(lv_paket.SelectedItems(0))
End Sub

Private Sub b_Cancel_Click(sender As Object, e As EventArgs) Handles
b_Cancel.Click
dtclear()
Form_Admin.ConFormEnPanel(New Form_transaksi)
End Sub

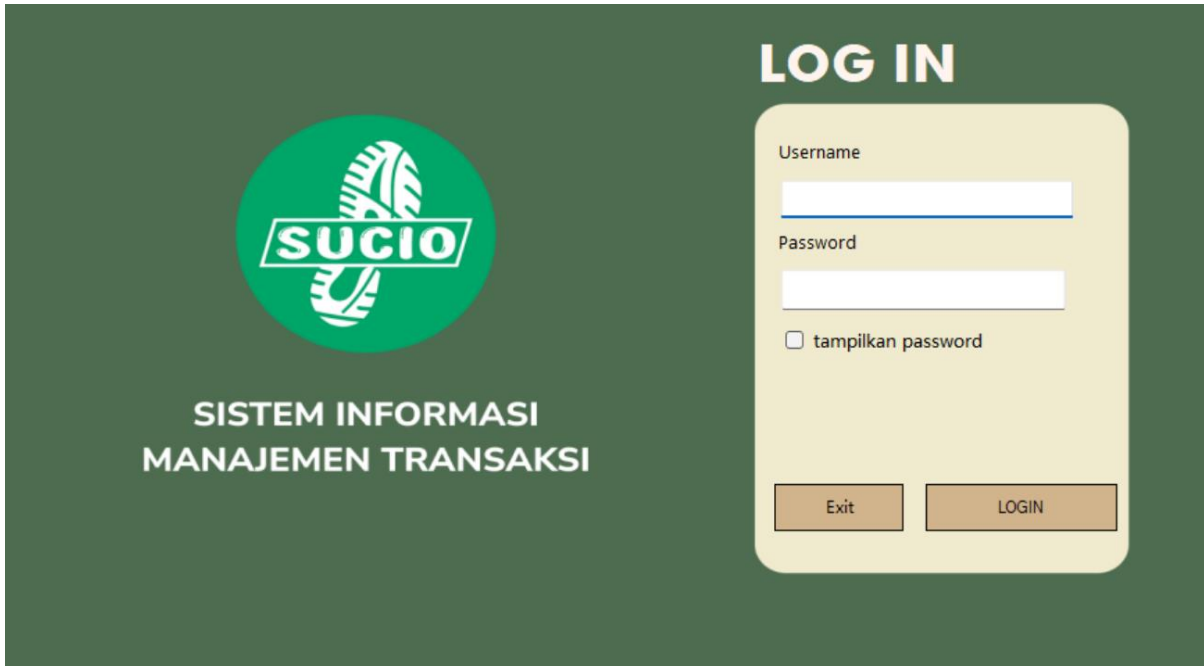
Private Sub b_tambah_Click(sender As Object, e As EventArgs) Handles
b_tambah.Click
isilv()
cb_Paket.Text = ""
tb_Juml.Clear()
End Sub

End Class

```

### 3.2 [21082010029]

#### 3.2.1 Form login



The image shows a login form titled "LOG IN" on a dark green background. On the left, there is a green circular logo with a white stylized 'S' and the word "SUCIO" in a white box. Below the logo, the text "SISTEM INFORMASI MANAJEMEN TRANSAKSI" is displayed in white. On the right, there is a light yellow rounded rectangle containing the login fields. It has a "Username" label above a text input field, a "Password" label above another text input field, and a checkbox labeled "tampilkan password". At the bottom of the yellow box are two buttons: "Exit" and "LOGIN".

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

```
Public Class Form_login
```

```
    Private Sub Form_login_Load(sender As Object, e As EventArgs) Handles Me.Load
        Call Koneksi()
    End Sub
```

```
    Private Sub btn_login_Click(sender As Object, e As EventArgs) Handles
btn_login.Click
        CMD = New OracleCommand("select * from staff where USERNAME_AKUN_STAFF='" &
txt_username.Text & "'and PASSWORD_AKUN_STAFF='" & txt_pass.Text & "'", CONN)
        DR = CMD.ExecuteReader
        DR.Read()
        If DR.HasRows Then
            id_login = DR.Item("ID_STAFF")
            akun_login = DR.Item("NAMA_STAFF")
            login = DateTime.Now.ToString()
            If DR.Item("POSISI_STAFF") = "Owner" Then
                Form_owner.Show()
                Me.Hide()
            ElseIf DR.Item("POSISI_STAFF") = "Karyawan" Then
                Form_Admin.Show()
                Me.Hide()
            End If
        Else
            MsgBox("AKUN TIDAK DITEMUKAN")
        End If
        txt_username.Text = ""
        txt_pass.Text = ""
    End Sub
```

```
    Private Sub btn_exit_Click(sender As Object, e As EventArgs) Handles
btn_exit.Click
        Me.Close()
    End Sub
```

```

Private Sub chkbox_pass_CheckedChanged(sender As Object, e As EventArgs) Handles
chkbox_pass.CheckedChanged
    If chkbox_pass.Checked = True Then
        txt_pass.UseSystemPasswordChar = True
    ElseIf chkbox_pass.Checked = False Then
        txt_pass.UseSystemPasswordChar = False
    End If
End Sub
End Class

```

### 3.2.2 Form transaksi [karyawan akses]

```

Public Class Form_transaksi
    Private Sub b_TambahTransaksi_Click(sender As Object, e As EventArgs) Handles
b_TambahTransaksi.Click
        Form_Admin.ConFormEnPanel(New Form_order)
    End Sub

    Private Sub b_Detail_Click(sender As Object, e As EventArgs) Handles
b_Detail.Click
        Form_Admin.ConFormEnPanel(New Form_detailTransaksi)
    End Sub

    Private Sub Form_transaksi_Load(sender As Object, e As EventArgs) Handles Me.Load
        'TODO: This line of code loads data into the 'DataSet2.TRANSAKSI' table. You
        can move, or remove it, as needed.
        Me.TRANSAKSITableAdapter.Fill(Me.DataSet2.TRANSAKSI)
        Tampil_tabel("transaksi", DataGridView1)
        b_Detail.Visible = False
    End Sub

    Private Sub DataGridView1_CellContentDoubleClick(sender As Object, e As
DataGridViewCellEventArgs) Handles DataGridView1.CellContentDoubleClick
        b_Detail.Visible = True
        tampung = DataGridView1.Rows(e.RowIndex).Cells(0).Value
    End Sub
End Class

```

### 3.2.3 Form detail transaksi [karyawan akses]

**DETAIL TRANSAKSI** Transaksi / Detail Transaksi

SELAMAT DATANG Karyawan Ody

PROFILE

DASHBOARD

TRANSAKSI

Database : -

No. Order: OR005  
 Nama Lengkap: Iala  
 Alamat: sukasuka  
 Telepon: 0912312312212312

Status Pembayaran: Belum Lunas  
 Status Order: Baru  
 Tanggal Order: 30/12/2022  
 Pesanan: Ambil

Total Pesanan

	NAMA_PAKET	HARGA_PAKET	JUMLAH	TOTAL
▶	deep clean boots	80000	1	80000
	deep clean leather	80000	2	160000
*				
<b>Total Pesanan</b>				<b>Rp.240000</b>

Proses Order Cetak Invoice

Imports System.Drawing.Printing 'untuk form dokumen print invoice

Imports System.Data.OracleClient

Public Class Form\_detailTransaksi

Dim WithEvents PD As New PrintDocument 'variabel-variabel untuk print

Dim PPD As New PrintPreviewDialog

Private Sub Form\_detailTransaksi\_Load(sender As Object, e As EventArgs) Handles Me.Load

CMD = New OracleCommand("select \* from TRANSAKSI where ID\_TRANSAKSI='" & tampung & "'", CONN)

DR = CMD.ExecuteReader

DR.Read()

Try

If DR.HasRows Then

No\_Order.Text = DR.Item("ID\_TRANSAKSI")

Nama.Text = DR.Item("NAMA\_CUST")

Alamat.Text = DR.Item("ALAMAT\_CUST")

Telp.Text = DR.Item("HP\_CUST")

cb\_pembayaran.Text = DR.Item("PEMBAYARAN\_TRANSAKSI")

TglOrder.Text = DR.Item("TGL\_TRANSAKSI")

tb\_pesanan.Text = DR.Item("OPSI\_KIRIM")

cb\_status.Text = DR.Item("STATUS\_TRANSAKSI")

End If

Catch ex As Exception

MessageBox.Show("input data Gagal " & ex.Message)

End Try

DA = New OracleDataAdapter("select nama\_paket,harga\_paket,jumlah,total from detail\_transaksi join paket\_laundry using (id\_paket) where id\_transaksi='" & tampung & "'", CONN)

DS = New DataSet

DS.Clear()

DA.Fill(DS, "select nama\_paket,harga\_paket,jumlah,total from detail\_transaksi join paket\_laundry using (id\_paket) where id\_transaksi='" & tampung & "'")

DataGrid\_pesanan.DataSource = (DS.Tables("select nama\_paket,harga\_paket,jumlah,total from detail\_transaksi join paket\_laundry using (id\_paket) where id\_transaksi='" & tampung & "'"))

DataGrid\_pesanan.ReadOnly = True

```

        DataGrid_pesanan.AutoSizeColumnsMode =
DataGrid_pesanan.AutoSizeColumnsMode.Fill
        CMD = New OracleCommand("select SUM(total) AS Total from detail_transaksi
where ID_TRANSAKSI='" & tampung & "'", CONN)
        DR = CMD.ExecuteReader
        DR.Read()
        If DR.HasRows Then
            tb_total.Text = "Rp." + DR.Item("total").ToString
        End If
    End Sub

    Private Sub Label14_Click(sender As Object, e As EventArgs) Handles Label14.Click
        Form_Admin.ConFormEnPanel(New Form_transaksi)
    End Sub

    Private Sub b_ProsesOrder_Click(sender As Object, e As EventArgs) Handles
b_ProsesOrder.Click
        Dim query As String = "update transaksi set PEMBAYARAN_TRANSAKSI='" &
cb_pembayaran.Text & "',STATUS_TRANSAKSI='" & cb_status.Text & "'"
        CMD = New OracleCommand(query, CONN)
        CMD.ExecuteNonQuery()
        Form_Admin.ConFormEnPanel(New Form_transaksi)
    End Sub

```

### 3.2.4 Form laporan transaksi detail [owner akses]

**DETAIL TRANSAKSI**

ID Staff: KR001  
 No. Order: OR001  
 Nama Lengkap: junghwan  
 Alamat: koryah  
 Telepon: 12312312

Status Pembayaran: Belum Lunas  
 Status Order: Baru  
 Tanggal Order: 19/12/2022  
 Pesanan: Antar

Total Pesanan

	NAMA_PAKET	HARGA_PAKET	JUMLAH	TOTAL
▶	deep clean boots	80000	1	80000
	unyellowing sole	60000	1	60000
*				
<b>Total Pesanan</b>				<b>Rp.140000</b>

Imports System.Data.OracleClient

```

Public Class Form_laporan_transaksi_detail
    Private Sub Label14_Click(sender As Object, e As EventArgs) Handles Label14.Click
        Form_owner.ConFormEnPanel(New Form_Laporan_Transaksi)
    End Sub

    Private Sub Form_laporan_transaksi_detail_Load(sender As Object, e As EventArgs)
Handles Me.Load
        CMD = New OracleCommand("select * from TRANSAKSI where ID_TRANSAKSI='" &
tampung & "'", CONN)
        DR = CMD.ExecuteReader
        DR.Read()

```



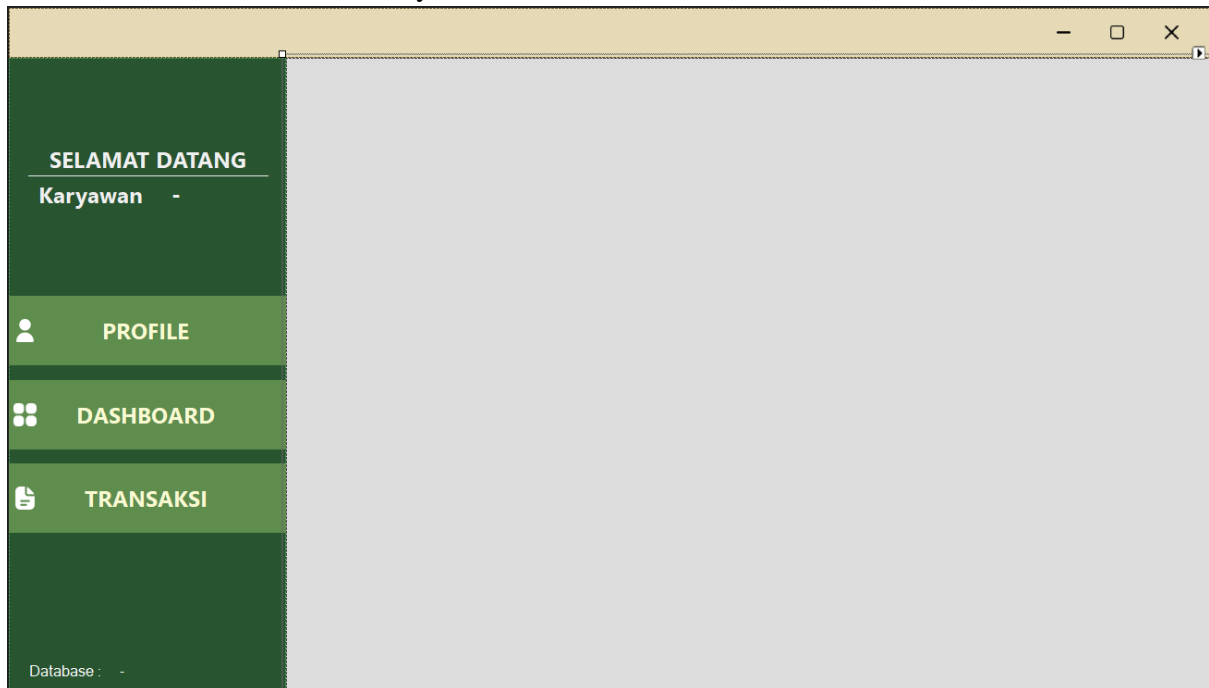
```

Try
    If DR.HasRows Then
        txt_idStaff.Text = DR.Item("ID_STAFF")
        No_Order.Text = DR.Item("ID_TRANSAKSI")
        Nama.Text = DR.Item("NAMA_CUST")
        Alamat.Text = DR.Item("ALAMAT_CUST")
        Telp.Text = DR.Item("HP_CUST")
        cb_pembayaran.Text = DR.Item("PEMBAYARAN_TRANSAKSI")
        TglOrder.Text = DR.Item("TGL_TRANSAKSI")
        tb_pesanan.Text = DR.Item("OPSI_KIRIM")
        cb_status.Text = DR.Item("STATUS_TRANSAKSI")
    End If
Catch ex As Exception
    MessageBox.Show("input data Gagal " & ex.Message)
End Try
DA = New OracleDataAdapter("select nama_paket,harga_paket,jumlah,total from
detail_transaksi join paket_laundry using (id_paket) where id_transaksi='" & tampung &
"'", CONN)
DS = New DataSet
DS.Clear()
DA.Fill(DS, "select nama_paket,harga_paket,jumlah,total from detail_transaksi
join paket_laundry using (id_paket) where id_transaksi='" & tampung & "'")
DataGrid_pesanan.DataSource = (DS.Tables("select
nama_paket,harga_paket,jumlah,total from detail_transaksi join paket_laundry using
(id_paket) where id_transaksi='" & tampung & "'"))
DataGrid_pesanan.ReadOnly = True
DataGrid_pesanan.AutoSizeColumnsMode =
DataGrid_pesanan.AutoSizeColumnsMode.Fill
CMD = New OracleCommand("select SUM(total) AS Total from detail_transaksi
where ID_TRANSAKSI='" & tampung & "'", CONN)
DR = CMD.ExecuteReader
DR.Read()
If DR.HasRows Then
    tb_total.Text = "Rp." + DR.Item("total").ToString
End If
End Sub
End Class

```

### 3.3 [21082010041]

#### 3.3.1 Form admin [karyawan akses]



```
Public Class Form_Admin
    Sub ConFormEnPanel(ByVal FormCon As Object)

        If Me.Panel_home.Controls.Count > 0 Then Me.Panel_home.Controls.RemoveAt(0)
        Dim fh As Form = TryCast(FormCon, Form)
        fh.TopLevel = False
        fh.FormBorderStyle = FormBorderStyle.None
        fh.Dock = DockStyle.Fill
        Me.Panel_home.Controls.Add(fh)
        Me.Panel_home.Tag = fh
        fh.Show()

    End Sub

    Private Sub btn_profil_Click(sender As Object, e As EventArgs) Handles
btn_profil.Click
        ConFormEnPanel(New Form_profile)
    End Sub

    Private Sub btn_dashboard_Click(sender As Object, e As EventArgs) Handles
btn_dashboard.Click
        ConFormEnPanel(New Form_home)
    End Sub

    Private Sub btn_transaksi_Click(sender As Object, e As EventArgs) Handles
btn_transaksi.Click
        ConFormEnPanel(New Form_transaksi)
    End Sub

    Private Sub Form_Admin_Load(sender As Object, e As EventArgs) Handles Me.Load
        Koneksi()
        Label_namaLogin.Text = akun_login
        ConFormEnPanel(New Form_home)

    End Sub
```

```

Private Sub btn_close_Click(sender As Object, e As EventArgs) Handles
btn_close.Click
    Me.Close()
    Form_login.Show()
End Sub

Private Sub btn_max_Click(sender As Object, e As EventArgs) Handles btn_max.Click
    If Me.WindowState = WindowState.Normal Then
        Me.WindowState = WindowState.Maximized
    Else
        Me.WindowState = WindowState.Normal
    End If
End Sub

Private Sub btn_min_Click(sender As Object, e As EventArgs) Handles btn_min.Click
    Me.WindowState = FormWindowState.Minimized
End Sub

End Class

```

### 3.3.2 Form profile [karyawan akses]

The screenshot shows a web application interface for a staff profile. The main content area is titled 'PROFIL' and contains a 'DETAIL DATA' section. This section has several input fields: 'ID Staff' with the value 'KR001', 'Nama Lengkap' with 'Ody', 'No. Handphone' with '0812312212220', 'Jabatan' with 'Karyawan', 'Username Akun' with 'kr\_ody', 'Password' with '12345', and 'Jenis Kelamin' with radio buttons for 'Perempuan' (selected) and 'Laki - Laki'. A 'SIMPAN' button is located at the bottom right of the form. On the left side, there is a sidebar with a green header 'SELAMAT DATANG Karyawan Ody' and three menu items: 'PROFILE' (selected), 'DASHBOARD', and 'TRANSAKSI'. At the bottom left of the sidebar, it says 'Database : -'.

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

```
Public Class Form_profile
```

```

Private Sub Form_profile_Load(sender As Object, e As EventArgs) Handles
MyBase.Load
    CMD = New OracleCommand("select * from staff where NAMA_STAFF='" & akun_login
& "'", CONN)
    DR = CMD.ExecuteReader
    DR.Read()
    If DR.HasRows Then
        txt_id.Text = DR.Item("ID_STAFF")
        txt_nama.Text = DR.Item("NAMA_STAFF")
        txt_hp.Text = DR.Item("HP_STAFF")
        txt_posisi.Text = DR.Item("POSISI_STAFF")
        txt_user.Text = DR.Item("USERNAME_AKUN_STAFF")
        txt_pass.Text = DR.Item("PASSWORD_AKUN_STAFF")
        If DR.Item("JK_STAFF") = "Perempuan" Then
            rb_perempuan.Checked = True

```

```

        ElseIf DR.Item("JK_STAFF") = "Laki" Then
            rb_laki.Checked = True
        End If
    Else
        MsgBox("DATA GAGAL MEMUAT")
    End If
End Sub

Private Sub Button1_Click(sender As Object, e As EventArgs) Handles Button1.Click
    Dim jk_staff As String
    If rb_laki.Checked = True Then
        jk_staff = "Laki"
    ElseIf rb_perempuan.Checked = True Then
        jk_staff = "Perempuan"
    End If
    Dim query As String = "update staff set nama_staff='" & txt_nama.Text & "'
        , hp_staff='" & txt_hp.Text & "'
        , username_akun_staff='" & txt_user.Text & "'
        , password_akun_staff='" & txt_pass.Text & "'
        , jk_staff='" & jk_staff & "'
        where id_staff='" & txt_id.Text & "'"
    CMD = New OracleCommand(query, CONN)
    CMD.ExecuteNonQuery()
End Sub

Private Sub Label7_Click(sender As Object, e As EventArgs)

End Sub
End Class

```

### 3.3.3 Form home admin [karyawan akses]

The screenshot shows a web application interface for a staff member named Ody. The interface has a green sidebar with navigation options: PROFILE, DASHBOARD (selected), and TRANSAKSI. The main content area is titled 'DASHBOARD' and displays two summary cards: 'NEW ORDER' and 'TOTAL ORDER', both showing a count of 5. Below these cards is a table with 6 columns: ID TRANSAKSI, TGL TRANSAKSI, NAMA CUST, PEMBAYARAN TRANSAKSI, and STATUS TRANSAKSI. The table contains 6 rows of data, with the first row (OR005) highlighted in blue. The status of all transactions is 'Baru'.

ID TRANSAKSI	TGL TRANSAKSI	NAMA CUST	PEMBAYARAN TRANSAKSI	STATUS TRANSAKSI
OR005	30/12/2022	lala	Belum Lunas	Baru
OR004	28/12/2022	haruto	Belum Lunas	Baru
OR001	19/12/2022	junghwan	Belum Lunas	Baru
OR002	23/11/2022	jenjen	Belum Lunas	Baru
OR003	23/12/2022	ody	Belum Lunas	Baru
*				

```

Imports System.Data.OracleClient
Public Class Form_home
    Private Sub Form_home_Load(sender As Object, e As EventArgs) Handles MyBase.Load
        'TODO: This line of code loads data into the 'DataSet2.TRANSAKSI' table. You
        can move, or remove it, as needed.
        Me.TRANSAKSITableAdapter.Fill(Me.DataSet2.TRANSAKSI)
        Dim query As String = "select count(*) from transaksi where
        status_transaksi='Baru'"
    End Sub
End Class

```

```

CMD = New OracleCommand(query, CONN)
CMD.ExecuteNonQuery()
DR = CMD.ExecuteReader()
DR.Read()
Label4.Text = DR.Item(0)
Dim query1 As String = "select count(*) from transaksi"
CMD = New OracleCommand(query1, CONN)
CMD.ExecuteNonQuery()
DR = CMD.ExecuteReader()
DR.Read()
Label5.Text = DR.Item(0)
End Sub
End Class

```

### 3.3.4 Cetak Invoice [karyawan akses] – form detail transaksi

**SUCIO SHOES & APPAREL CARE**

Jl. Sunan Ampel Barat II Pasuruan  
(+62) 81249292928  
suciocompany@gmail.com

---

**Customer** Iela  
sukasuka  
0912312312212312

**ID Transaksi** OR005  
**Tgl Transaksi** 30/12/2022  
**Tgl Ambil** 02/01/2023  
**Pesanan** Ambil

QTY	NAMA LAYANAN	HARGA
1	deep clean boots	80000
2	deep clean leather	80000

**TOTAL** Rp.240000

Terima Kasih telah mempercayakan sepatumu di SUCIO, TEMANSUCI!

```

Private Sub b_CetakInvoice_Click(sender As Object, e As EventArgs) Handles
b_CetakInvoice.Click
    PPD.Document = PD
    PPD.ShowDialog()
End Sub

'Custom paper size
Private Sub PD_BeginPrint(sender As Object, e As PrintEventArgs) Handles
PD.BeginPrint
    Dim pagesetup As New PageSettings
    pagesetup.PaperSize = New PaperSize("Custom", 800, 700)
    PD.DefaultPageSettings = pagesetup
End Sub

'Setting dan isi dokumen invoice
Private Sub PD_PrintPage(sender As Object, e As PrintPageEventArgs) Handles
PD.PrintPage
    'untuk font
    Dim f24 As New Font("Poppins", 24, FontStyle.Bold)
    Dim f11 As New Font("Poppins", 11, FontStyle.Bold)
    Dim f11a As New Font("Poppins", 11, FontStyle.Regular)
    'untuk margin
    Dim leftmargin As Integer = PD.DefaultPageSettings.Margins.Left
    Dim centermargin As Integer = PD.DefaultPageSettings.PaperSize.Width / 2

```

```

Dim rightmargin As Integer = PD.DefaultPageSettings.PaperSize.Width - 15
'untuk variabel
Dim kanan As New StringFormat
Dim tengah As New StringFormat
kanan.Alignment = StringAlignment.Far
tengah.Alignment = StringAlignment.Center
Dim garis As String
garis =
"=====
=====

'Header informasi SUCIO
e.Graphics.DrawString("INVOICE", f24, Brushes.Black, rightmargin, 20, kanan)

e.Graphics.DrawString("SUCIO SHOES & APPAREL CARE", f11, Brushes.Black, 20,
30)
e.Graphics.DrawString("Jl. Sunan Ampel Barat II Pasuruan", f11a,
Brushes.Black, 20, 80)
e.Graphics.DrawString("(+62) 81249292928", f11a, Brushes.Black, 20, 100)
e.Graphics.DrawString("suciocompany@gmail.com", f11a, Brushes.Black, 20, 120)

e.Graphics.DrawString(garis, f11a, Brushes.Black, 0, 160) 'pembatas garis

'untuk informasi data customer
e.Graphics.DrawString("Customer", f11, Brushes.Black, 20, 200)
'e.Graphics.DrawString("(nama cust)", f11a, Brushes.Black, 110, 200)
'e.Graphics.DrawString("(nama cust)", f11a, Brushes.Black, 110, 220)
'e.Graphics.DrawString("(nama cust)", f11a, Brushes.Black, 110, 240)

'untuk informasi transaksi customer
e.Graphics.DrawString("ID Transaksi", f11, Brushes.Black, 650, 200, kanan)
e.Graphics.DrawString("Tgl Transaksi", f11, Brushes.Black, 650, 220, kanan)
e.Graphics.DrawString("Tgl Ambil", f11, Brushes.Black, 650, 240, kanan)
e.Graphics.DrawString("Pesanan", f11, Brushes.Black, 650, 260, kanan)

'Informasi data customer dari id transaksi yang ditampung setelah diklik di
form sebelumnya
CMD = New OracleCommand("select * from TRANSAKSI where ID_TRANSAKSI= '" &
tampung & "'", CONN)
DR = CMD.ExecuteReader
DR.Read()
Try
    If DR.HasRows Then
        e.Graphics.DrawString(DR.Item("NAMA_CUST"), f11a, Brushes.Black, 110,
200) 'penataan data
        e.Graphics.DrawString(DR.Item("ALAMAT_CUST"), f11a, Brushes.Black,
110, 220)
        e.Graphics.DrawString(DR.Item("HP_CUST"), f11a, Brushes.Black, 110,
240)

        e.Graphics.DrawString(DR.Item("ID_TRANSAKSI"), f11a, Brushes.Black,
660, 200)
        e.Graphics.DrawString(DR.Item("TGL_TRANSAKSI"), f11a, Brushes.Black,
660, 220)
        e.Graphics.DrawString(DR.Item("TGL_SELESAI"), f11a, Brushes.Black,
660, 240)
        e.Graphics.DrawString(DR.Item("OPSI_KIRIM"), f11a, Brushes.Black, 660,
260)

    Else
        MsgBox("GAGAL MEMUAT DATA!", MsgBoxStyle.Exclamation, "Warning")
    End If
Catch
    MsgBox("GAGAL MEMUAT DATA!", MsgBoxStyle.Exclamation, "Warning")
End Try

```

```

        End If
    Catch ex As Exception

    End Try

    'Salam terimakasih
    e.Graphics.DrawString("Terima Kasih telah mempercayakan sepatumu di SUCIO,
    TEMANSUCI!", f11, Brushes.Black, 150, 620)

    DataGrid_pesanan.AllowUserToAddRows = False 'menghilangkan row sisa
    Dim i As Long
    Dim tinggi As Integer
    For baris As Integer = 0 To DataGrid_pesanan.RowCount - 1
        tinggi += 25
        'label judul invoice
        e.Graphics.DrawString("QTY", f11, Brushes.Black, 40, 350)
        e.Graphics.DrawString("NAMA LAYANAN", f11, Brushes.Black, 150, 350)
        e.Graphics.DrawString("HARGA", f11, Brushes.Black, 650, 350)

        'menampilkan data totalan dari datagridtotal per cells

        e.Graphics.DrawString(DataGrid_pesanan.Rows(baris).Cells(2).Value.ToString, f11a,
        Brushes.Black, 50, 375 + tinggi)

        e.Graphics.DrawString(DataGrid_pesanan.Rows(baris).Cells(0).Value.ToString, f11a,
        Brushes.Black, 150, 375 + tinggi)

        e.Graphics.DrawString(DataGrid_pesanan.Rows(baris).Cells(1).Value.ToString, f11a,
        Brushes.Black, 660, 375 + tinggi)

    Next
    e.Graphics.DrawString("TOTAL", f11, Brushes.Black, 580, 480 + tinggi)
    e.Graphics.DrawString(tb_total.Text, f11, Brushes.Black, 660, 480 + tinggi)
End Sub

```