

LAMPIRAN

Lampiran 1. Transkrip wawancara dengan kepala produksi

No	Pertanyaan Wawancara	Jawaban Wawancara
1.	Apa tantangan terbesar dalam proses produksi?	Adanya ketidak sesuaian jumlah material sehingga terkadang membuat target harian tidak tercapai
2.	Bagaimana hubungan komunikasi antar bagian gudang dan PPIC?	Cukup baik, namun terkadang informasi stok material aktual tidak sesuai dengan catatan
3.	Apa saja dampak yang terjadi saat material tidak sesuai dengan jumlah ataupun kualitasnya?	Membuat lembur pada beberapa departemen dan melakukan produksi pesanan dari pelanggan lain terlebih dahulu agar produksi tidak berhenti, namun juga menyebabkan keterlambatan pesanan ke pelanggan
4.	Apakah pernah terjadi kesalahan dalam pemotongan material kain dari satuan meter menjadi satuan per pcs sesuai dengan ukuran dan kebutuhan produksi?	Iya pernah terjadi karena ada perbedaan spesifikasi ukuran pola yang menyebabkan jumlah potongan tidak sesuai kebutuhan aktual. Hal ini dapat membuat material terbuang atau kekurangan material
5.	Sudah berapa lama anda bekerja di tempat ini?	Bekerja disini selama 2 tahun

Lampiran 2. Transkrip wawancara dengan kepala PPIC

No	Pertanyaan Wawancara	Jawaban Wawancara
1.	Apa kendala dalam melakukan kontrol material antar PPIC dan produksi	Tidak adanya sistem stok real-time dan juga peringatan apabila stok material akan habis
2.	Apakah sering terjadi perubahan mendadak dalam perencanaan produksi	Iya karena terkadang material tidak tersedia dan juga permintaan dari konsumen berubah
3.	Apakah sering terjadi ketidaksesuaian data material yang dicatat dengan aktual?	Iya sering terjadi karena ketidaksesuaian data sehingga jumlah kebutuhan material tidak sesuai
4.	Sudah berapa lama anda bekerja di tempat ini?	Bekerja disini selama 4 tahun

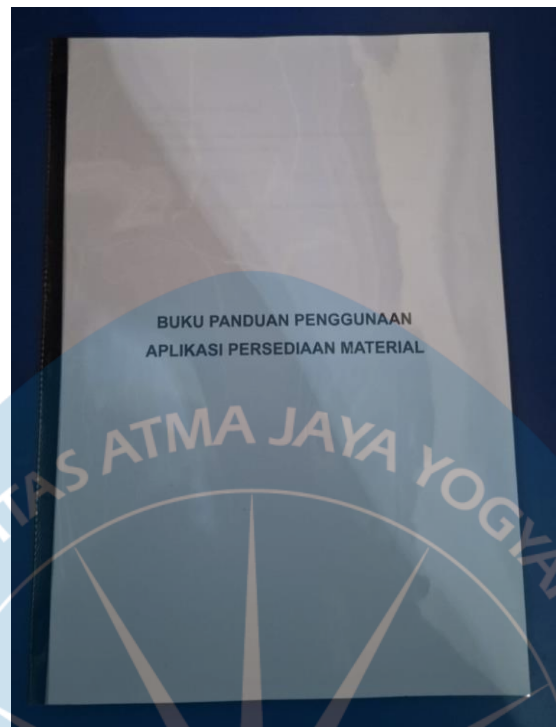
Lampiran 3. Transkrip Wawancara dengan *purchasing*

No	Pertanyaan Wawancara	Jawaban Wawancara
1.	Apa permasalahan yang sering dihadapi dalam proses pembelian	Adanya kebutuhan material yang mendadak seperti terjadinya <i>reject</i> saat proses produksi sehingga sulit untuk mencari <i>supplier</i>
2.	Apakah sering terjadi perubahan mendadak dalam perencanaan produksi	Iya karena terkadang material tidak tersedia dan juga permintaan dari konsumen berubah
3.	Apakah pernah mengalami kendala dalam negosiasi harga atau <i>lead time</i> dengan <i>supplier</i> ?	Iya apabila keadaan mendadak, karena terkadang <i>supplier</i> lain terkadang menaikkan harga dan tidak bisa memenuhi <i>lead time</i> yang diinginkan perusahaan
4.	Sudah berapa lama anda bekerja di tempat ini?	Bekerja disini selama 4 tahun

Lampiran 4. Transkrip wawancara dengan kepala gudang

No	Pertanyaan Wawancara	Jawaban Wawancara
1.	Apa permasalahan yang terjadi dalam mengelola stok material?	Adanya <i>human error</i> karena lupa mencatat material yang masuk dan keluar dan terdapat ketidaksesuaian stock opname per bulannya.
2.	Apakah sering terjadi adanya ketidaksesuaian jumlah material secara aktual dengan yang dicatat?	Iya sering terjadi dan menyebabkan kekurangan stok material secara aktual
3.	Apakah terdapat sistem pencatatan material keluar atau masuk?	Iya ada secara manual dan menggunakan <i>spreadsheet</i> . Tidak adanya sistem otomatis untuk melihat update data.
4.	Apakah sudah menerapkan sistem FIFO?	Sistem FIFO belum diterapkan
5.	Bagaimana proses pengecekan fisik stok material dan seberapa sering?	Pengecekan material atau <i>stock opname</i> dilakukan setiap empat bulan sekali, namun hasil sering berbeda dengan catatan
6.	Sudah berapa lama anda bekerja di tempat ini?	Bekerja disini selama 3 tahun

Lampiran 5. Buku panduan penggunaan aplikasi persediaan material



Lampiran 6. Data daftar nama barang dan kode barang

NO	Jenis	Kode Barang	Nama Barang	Satuan
1	Bahan Utama	OB-001	Orox Black	mtr
2	Bahan Utama	LB-001	Lyora Black	mtr
3	Bahan Utama	LW-001	Lyora White	mtr
4	Bahan Utama	SB-001	Spandex Black	mtr
5	Bahan Utama	SB-002	Spandex Bonding	mtr
6	Bahan Utama	SB-003	Spandex Black DP	mtr
7	Bahan Utama	SB-004	Spandex Bonding DP	mtr
8	Bahan Utama	AR-001	Araynd	mtr
9	Bahan Utama	N-001	Neoprane	mtr
10	Bahan Utama	NI-002	Neoprane Lapis	mtr
11	Bahan Utama	BE-001	Bembag Hitam	mtr
12	Bahan Utama	AB-001	Amara Bonding (0.6)	mtr
13	Bahan Utama	AI-002	Amara Import (0.6)	mtr
14	Bahan Utama	AI-003	Amara Import (0.8)	mtr
15	Bahan Utama	PB-001	PVC Rubber	mtr
16	Bahan Utama	KK-001	Kevlar Kasar	mtr
17	Bahan Utama	KH-001	Kevlar Halus	mtr
18	Bahan Utama	SB-001	Synthetic Black	mtr
19	Bahan Utama	SW-002	Synthetic White	mtr
20	Bahan Utama	T-001	Twomes	mtr
21	Bahan Utama	CB-001	Coolmesh Black	mtr
22	Bahan Utama	CR-002	Coolmesh Red	mtr
23	Bahan Utama	CG-003	Coolmesh Green	mtr
24	Bahan Utama	CB-004	Coolmesh Blue	mtr
25	Bahan Utama	CP-005	Coolmesh Pink	mtr
26	Bahan Utama	CP-006	Coolmesh Purple	mtr
27	Bahan Utama	CG-001	Coolmesh Grey 1	mtr
28	Bahan Utama	CG-002	Coolmesh Grey 2	mtr
29	Bahan Utama	CE-003	Coolmesh Grey 3	mtr
30	Bahan Utama	CPW-001	CT Pearl White	mtr
31	Bahan Utama	CW-002	CT White	mtr
32	Bahan Utama	BB-001	Busa Bonding	mtr
33	Bahan Utama	PM-001	Plastik Membran	pcs
34	Bahan Utama	GSBT-001	Goat Skin Blue Turkish/Electric	sf
35	Bahan Utama	GSRM-002	Goat Skin Blue Maya	sf
36	Bahan Utama	GSR-003	Goat Skin Red	sf
37	Bahan Utama	GSG-004	Goat Skin Green	sf
38	Bahan Utama	GSLG-005	Goat Skin Light Green	sf
39	Bahan Utama	GSY-006	Goat Skin Yellow	sf
40	Bahan Utama	GSW-007	Goat Skin White	sf

Lampiran 7. SOP penerimaan bahan baku ke gudang

		PT JOGJA GLOVE INDONESIA Jl. Candi Sambisari No.12 B, Kadirojo I, Purwomartani, Kalasan, Sleman, Daerah Istimewa Yogyakarta 55571	
Dibuat Oleh: Carolyn Christian		SOP Penerimaan Barang ke Gudang	Terbitan: 1
Diperiksa Oleh: Emma K.			Halaman: 1 dari 1
Disetujui Oleh: Niko Heri S.			Efektif: 21 Juli 2025

I. TUJUAN

Untuk memastikan proses penerimaan barang ke gudang berjalan sesuai prosedur, terkontrol, dan terdokumentasi dengan baik.

II. ALAT DAN BAHAN

1. Formulir Penerimaan Barang
2. Surat Jalan
3. Formulir Pengecekan Barang
4. Meteran
5. Thickness
6. Timbangan
7. Alat Tulis
8. Kalkulator

III. PIHAK TERKAIT

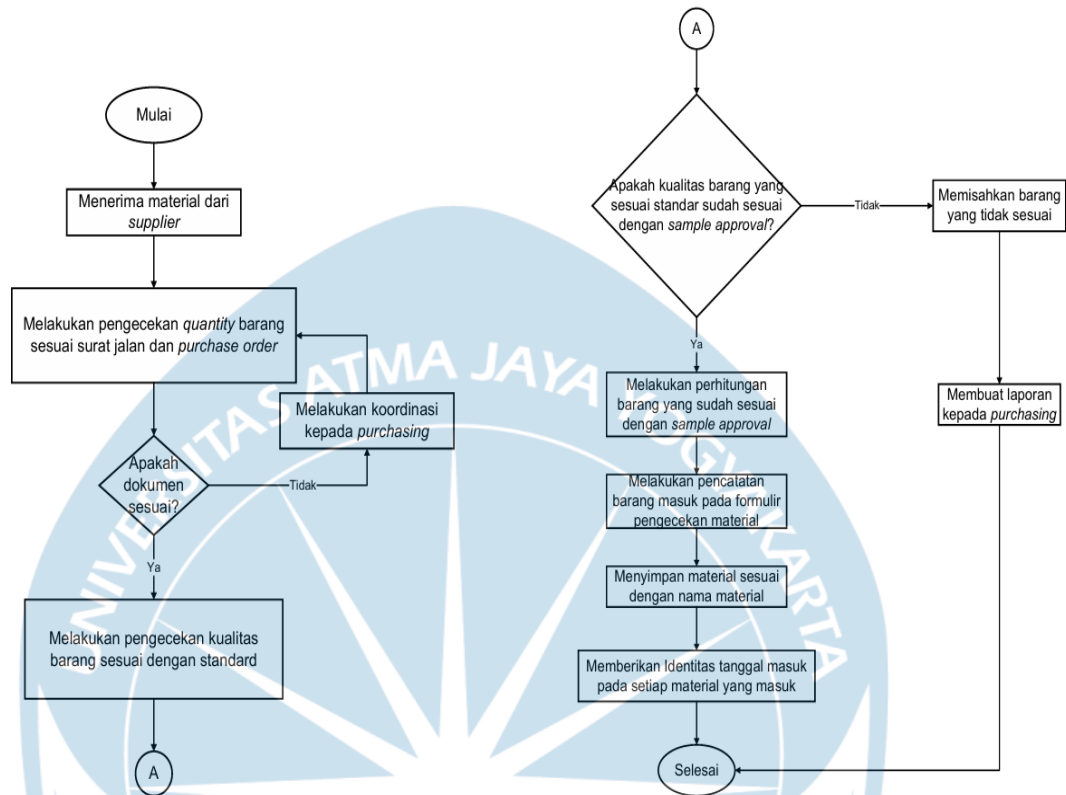
1. Kepala Gudang
2. Purchasing
3. Finance
4. Staff Gudang

IV. PROSEDUR

1. Karyawan menerima kedatangan material dari *supplier*.
2. Karyawan memeriksa *quantity* barang sesuai dengan surat jalan dan PO dari *purchasing*. Apabila dokumen tidak sesuai, maka segera melakukan koordinasi kepada *purchasing*.
3. Karyawan melakukan pengecekan kualitas barang sesuai dengan standard masing-masing material sesuai dengan *sample approval*.
4. Apabila tidak sesuai dengan *sample approval*, maka barang tersebut dipisahkan dan membuat laporan kepada *purchasing* untuk dilakukan retur barang.
5. Karyawan menghitung barang yang sudah sesuai maupun belum sesuai dengan *sample approval*.
6. Karyawan melakukan pencatatan pada formulir pengecekan material dan barang masuk.
7. Setelah melakukan *quality control*, simpan material sesuai dengan rak yang sudah dikelompokkan sesuai dengan nama material dan memberikan identitas tanggal masuk.

Lampiran 8. *Flowchart* penerimaan bahan baku ke gudang

Flowchart Penerimaan Barang ke Gudang



Lampiran 9. Kode program form *login*

```
Private Sub cmdLogin_Click()
```

```
If TxtKodeID = "" Then
```

```
    MsgBox "Kode ID belum di isi", vbCritical, "Kesalahan"
```

```
    TxtKodeID.SetFocus
```

```
    Exit Sub
```

```
Elseif txtPassword = "" Then
```

```
    MsgBox "Password belum di isi", vbCritical, "Kesalahan"
```

```
    txtPassword.SetFocus
```

```
    Exit Sub
```

```
End If
```

```
Dim xUser, xPass As String
```

```
xUser = Sheets("login").Range("A2").Value
```

```
xPass = Sheets("login").Range("B2").Value
```

```
If TxtKodeID.Value = "" Or txtPassword.Value = "" Then Exit Sub
```

If TxtKodeID.Value <> xUser Or txtPassword.Value <> xPass Then

 MsgBox "Kode ID atau Password Salah.", _

 vbCritical, "Terjadi kesalahan"

 txtPassword.SetFocus

Exit Sub

Else

MsgBox "Selamat Anda berhasil Login", _

 vbInformation + vbOKOnly, "Login berhasil!"

Unload Me

Worksheets("MENU").Select

End If

End Sub

Private Sub CmdKeluar_Click()

 Select Case MsgBox("Anda akan keluar dari Aplikasi." _

 & vbCrLf & "Apakah anda yakin ?" _

 , vbYesNo Or vbQuestion Or vbDefaultButton1, "Keluar")

 Case vbNo

 Exit Sub

 Case vbYes

 End Select

Unload Me

Application.Quit

End Sub

Private Sub CheckPASSWORD_Click()

 If Me.CheckPASSWORD.Value = True Then

 Me.txtPassword.PasswordChar = ""

 Else

 Me.txtPassword.PasswordChar = "*"

 End If

End Sub

Private Sub UserForm_QueryClose(Cancel As Integer, CloseMode As Integer)

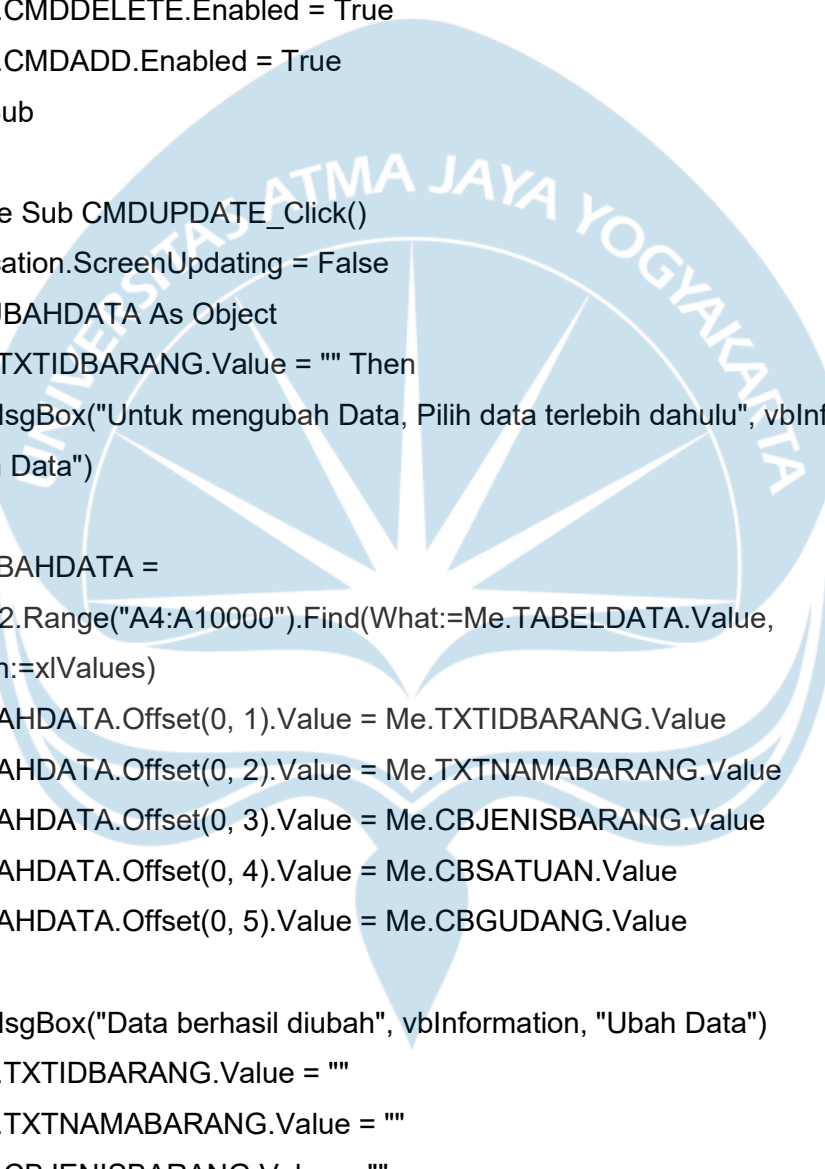
 If CloseMode = 0 Then

 Cancel = True

```
MsgBox "Untuk menutup Form silakan klik tombol BATAL", vbCritical, "Tutup"  
End If  
End Sub
```

Lampiran 10. Kode program form data barang

```
Private Sub CMDDELETE_Click()  
Application.ScreenUpdating = False  
Dim HapusData As Object  
    Me.TABELDATA.Value = ""  
If Me.TXTIDHAPUS.Value = "" Then  
Call MsgBox("Pilih data pada tabel data", vbInformation, "Hapus Data")  
Else  
Select Case MsgBox("Anda akan menghapus data" _  
& vbCrLf & "Apakah anda yakin?" _  
, vbYesNo Or vbQuestion Or vbDefaultButton1, "Hapus data")  
Case vbNo  
Exit Sub  
Case vbYes  
End Select  
Sheet2.Select  
Selection.EntireRow.Delete  
Call MsgBox("Data berhasil dihapus", vbInformation, "Hapus Data")  
    Me.TXTIDBARANG.Value = ""  
    Me.TXTNAMABARANG.Value = ""  
    Me.CBJENISBARANG.Value = ""  
    Me.CBSATUAN.Value = ""  
    Me.CBGUDANG.Value = ""  
    Me.TXTIDHAPUS.Value = ""  
Call UpdateTabel  
Sheet1.Select  
End If  
End Sub  
  
Private Sub CMDRESET_Click()  
    Me.TXTIDBARANG.Value = ""  
    Me.TXTNAMABARANG.Value = ""
```



```

Me.CBJENISBARANG.Value = ""
Me.CBSATUAN.Value = ""
Me.CBGUDANG.Value = ""
Me.TXTIDHAPUS.Value = ""
Me.TXTCARI.Value = ""
Call UpdateTabel
    Me.CMDDELETE.Enabled = True
    Me.CMDADD.Enabled = True
End Sub

Private Sub CMDUPDATE_Click()
Application.ScreenUpdating = False
Dim UBAHDATA As Object
If Me.TXTIDBARANG.Value = "" Then
Call MsgBox("Untuk mengubah Data, Pilih data terlebih dahulu", vbInformation,
"Ubah Data")
Else
Set UBAHDATA =
Sheet2.Range("A4:A10000").Find(What:=Me.TABELDATA.Value,
LookIn:=xlValues)
    UBAHDATA.Offset(0, 1).Value = Me.TXTIDBARANG.Value
    UBAHDATA.Offset(0, 2).Value = Me.TXTNAMABARANG.Value
    UBAHDATA.Offset(0, 3).Value = Me.CBJENISBARANG.Value
    UBAHDATA.Offset(0, 4).Value = Me.CBSATUAN.Value
    UBAHDATA.Offset(0, 5).Value = Me.CBGUDANG.Value

Call MsgBox("Data berhasil diubah", vbInformation, "Ubah Data")
    Me.TXTIDBARANG.Value = ""
    Me.TXTNAMABARANG.Value = ""
    Me.CBJENISBARANG.Value = ""
    Me.CBSATUAN.Value = ""
    Me.CBGUDANG.Value = ""
    Me.TXTIDHAPUS.Value = ""
    Me.CMDDELETE.Enabled = True
Sheet1.Select

```

End If
End Sub

```
Private Sub TABELDATA_Click()  
Dim SUMBERUBAH As String  
Dim CELLAKTIF As String  
Application.ScreenUpdating = False  
    Me.TXTIDHAPUS.Value = Me.TABELDATA.Column(1)  
Sheet2.Select  
    SUMBERUBAH = Sheets("DATABARANG").Cells(Rows.Count,  
"B").End(xlUp).Row  
    Sheets("DATABARANG").Range("B4:B" &  
SUMBERUBAH).Find(What:=Me.TXTIDHAPUS.Value, LookIn:=xlValues,  
LookAt:=xlWhole).Activate  
    CELLAKTIF = ActiveCell.Row  
    Me.CMDDELETE.Enabled = True  
    Me.CMDADD.Enabled = False  
Sheet1.Select  
End Sub
```

```
Private Sub TABELDATA_DbClick(ByVal Cancel As MSForms.ReturnBoolean)  
Dim SUMBERUBAH, CELLAKTIF As String  
Application.ScreenUpdating = False  
On Error GoTo EXCELVBA  
    Me.TXTIDBARANG.Value = Me.TABELDATA.Column(1)  
    Me.TXTNAMABARANG.Value = Me.TABELDATA.Column(2)  
    Me.CBJENISBARANG.Value = Me.TABELDATA.Column(3)  
    Me.CBSATUAN.Value = Me.TABELDATA.Column(4)  
    Me.CBGUDANG.Value = Me.TABELDATA.Column(5)
```

```
Sheet2.Select  
SUMBERUBAH = Sheets("DATABARANG").Cells(Rows.Count,  
"B").End(xlUp).Row
```

```

Sheets("DATABARANG").Range("B4:B" &
SUMBERUBAH).Find(What:=Me.TXTIDHAPUS.Value, LookIn:=xlValues,
LookAt:=xlWhole).Activate
CELLAKTIF = ActiveCell.Row
Sheets("DATABARANG").Range("A" & CELLAKTIF & ":G" & CELLAKTIF).Select
Sheet1.Select

    Me.CMDDELETE.Enabled = False
Exit Sub
EXCELVBA:
Call MsgBox("Klik 2x pada tabel data", vbInformation, "Pilih Data")
End Sub

Private Sub TXTCARI_Change()
On Error GoTo Salah
Dim iRow As Long
Dim CARI_DATA As Object
Set CARI_DATA = Sheet2
Sheet5.Range("I1").Value = "Nama Barang"
Sheet5.Range("I2").Value = "*" & Me.TXTCARI.Value & "*"
    Me.TABELDATA.Value = ""
CARI_DATA.Range("A5").CurrentRegion.AdvancedFilter Action:=xlFilterCopy,
CriteriaRange:= _
Sheet5.Range("I1:I2"), CopyToRange:=Sheet5.Range("A1:G1"), Unique:=False
iRow = Sheet5.Range("A" & Rows.Count).End(xlUp).Row
If iRow > 1 Then
    Me.TABELDATA.RowSource = "CARIBARANG!A2:G" & iRow
Else
Call MsgBox("Data tidak ditemukan", vbInformation, "Cari Data")
End If
    Me.TXTTOTALBARANG.Value = Me.TABELDATA.ListCount
Exit Sub
Salah:
Call MsgBox("Maaf Data tidak ditemukan", vbInformation, "Cari Data")
End Sub

```

Private Sub UserForm_Initialize()

Call UpdateTabel

With CBJENISBARANG

.AddItem "Bahan Utama"

.AddItem "Benang"

.AddItem "Aksesoris"

End With

With CBSATUAN

.AddItem "Pcs"

.AddItem "Roll"

.AddItem "Meter"

.AddItem "Pairs"

.AddItem "Cone"

.AddItem "Kantong"

.AddItem "Sf"

.AddItem "Kaleng"

End With

With CBGUDANG

.AddItem "Gudang Material"

End With

End Sub

Private Sub UpdateTabel()

Dim TData As Long

Dim iRow As Long

iRow = Sheet2.Range("A" & Rows.Count).End(xlUp).Row

TData = Application.WorksheetFunction.CountA(Sheet2.Range("B4:B10000"))

If TData = 0 Then

Me.TABELDATA.RowSource = ""

Else

Me.TABELDATA.RowSource = "DATABARANG!A4:G" & iRow

End If

Me.TXTTOTALBARANG.Value = Me.TABELDATA.ListCount

End Sub

```

Private Sub CMDADD_Click()
Dim DBARANG As Object
Set DBARANG = Sheet2.Range("B10000").End(xlUp)
If Me.TXTIDBARANG.Value = "" _
Or Me.TXTNAMABARANG.Value = "" _
Or Me.CBJENISBARANG.Value = "" _
Or Me.CBSATUAN.Value = "" _
Or Me.CBGUDANG.Value = "" Then
Call MsgBox("Harap isi data dengan lengkap", vbInformation, "Data Barang")
Else
    DBARANG.Offset(1, -1).Value = "=ROW()-ROW(DATABARANG!$A$3)"
    DBARANG.Offset(1, 0).Value = Me.TXTIDBARANG.Value
    DBARANG.Offset(1, 1).Value = Me.TXTNAMABARANG.Value
    DBARANG.Offset(1, 2).Value = Me.CBJENISBARANG.Value
    DBARANG.Offset(1, 3).Value = Me.CBSATUAN.Value
    DBARANG.Offset(1, 4).Value = Me.CBGUDANG.Value
    DBARANG.Offset(1, 5).Value = 0
Call UpdateTabel
Call MsgBox("Data barang berhasil disimpan", vbInformation, "Data Barang")
    Me.TXTIDBARANG.Value = ""
    Me.TXTNAMABARANG.Value = ""
    Me.CBJENISBARANG.Value = ""
    Me.CBSATUAN.Value = ""
    Me.CBGUDANG.Value = ""
End If
End Sub

```

Lampiran 11. Kode program form barang masuk

```
Private Sub CBIDBARANG_Change()  
On Error GoTo EXCELVBA  
Dim CariBarang As Object  
Set CariBarang =  
Sheet2.Range("B4:B10000").Find(What:=Me.CBIDBARANG.Value,  
LookIn:=xlValues)  
    Me.TXTNAMABARANG.Value = CariBarang.Offset(0, 1).Value  
    Me.TXTSATUAN.Value = CariBarang.Offset(0, 3).Value  
    Me.TXTGUDANG.Value = CariBarang.Offset(0, 4).Value  
    Me.TXTSTOK.Value = CariBarang.Offset(0, 5).Value  
    Me.TXTSTOK.Enabled = False  
    Me.TXTTOTALSTOK.Enabled = False  
Exit Sub  
EXCELVBA:  
Call MsgBox("Maaf, Id barang belum terdaftar", vbInformation, "Data Barang")  
End Sub  
  
Private Sub CMDADD_Click()  
Dim DBMASUK As Object  
Dim UpdateStok As Object  
Dim wsBarang As Worksheet  
Dim namaSheet As String  
Dim sheetSudahAda As Boolean  
Dim wsCek As Worksheet  
Dim barisKosong As Long  
If Me.TXTIDTRANSAKSI.Value = "" _  
Or Me.TXTTANGGAL.Value = "" _  
Or Me.CBIDBARANG.Value = "" _  
Or Me.TXTMASUK.Value = "" Then  
    MsgBox "Isi data barang masuk dengan lengkap", vbInformation, "Barang  
Masuk"  
Exit Sub  
End If
```

```

Set DBMASUK = Sheet3.Range("B100000").End(xlUp)
    DBMASUK.Offset(1, -1).Value = "=ROW()-ROW(BARANGMASUK!$A$3)"
    DBMASUK.Offset(1, 0).Value = Me.TXTIDTRANSAKSI.Value
    DBMASUK.Offset(1, 1).Value = Format(Me.TXTTANGGAL.Value,
"MM/DD/YYYY")
    DBMASUK.Offset(1, 2).Value = Me.CBIDBARANG.Value
    DBMASUK.Offset(1, 3).Value = Me.TXTNAMABARANG.Value
    DBMASUK.Offset(1, 4).Value = Me.TXTSATUAN.Value
    DBMASUK.Offset(1, 5).Value = Me.TXTGUDANG.Value
    DBMASUK.Offset(1, 6).Value = Me.TXTMASUK.Value

Set UpdateStok =
Sheet2.Range("B4:B10000").Find(What:=Me.CBIDBARANG.Value,
LookIn:=xlValues)
If Not UpdateStok Is Nothing Then
    UpdateStok.Offset(0, 5).Value = Me.TXTTOTALSTOK.Value
End If

namaSheet = Left(WorksheetFunction.Clean(Me.TXTNAMABARANG.Value), 31)

sheetSudahAda = False
For Each wsCek In ThisWorkbook.Sheets
    If wsCek.Name = namaSheet Then
        sheetSudahAda = True
    Exit For
End If
Next wsCek

If Not sheetSudahAda Then
Set wsBarang = ThisWorkbook.Sheets.Add(After:=Sheets(Sheets.Count))
    wsBarang.Name = namaSheet
With wsBarang
        .Range("A1").Value = "ID Transaksi"
        .Range("B1").Value = "Tanggal"
        .Range("C1").Value = "ID Barang"

```

```

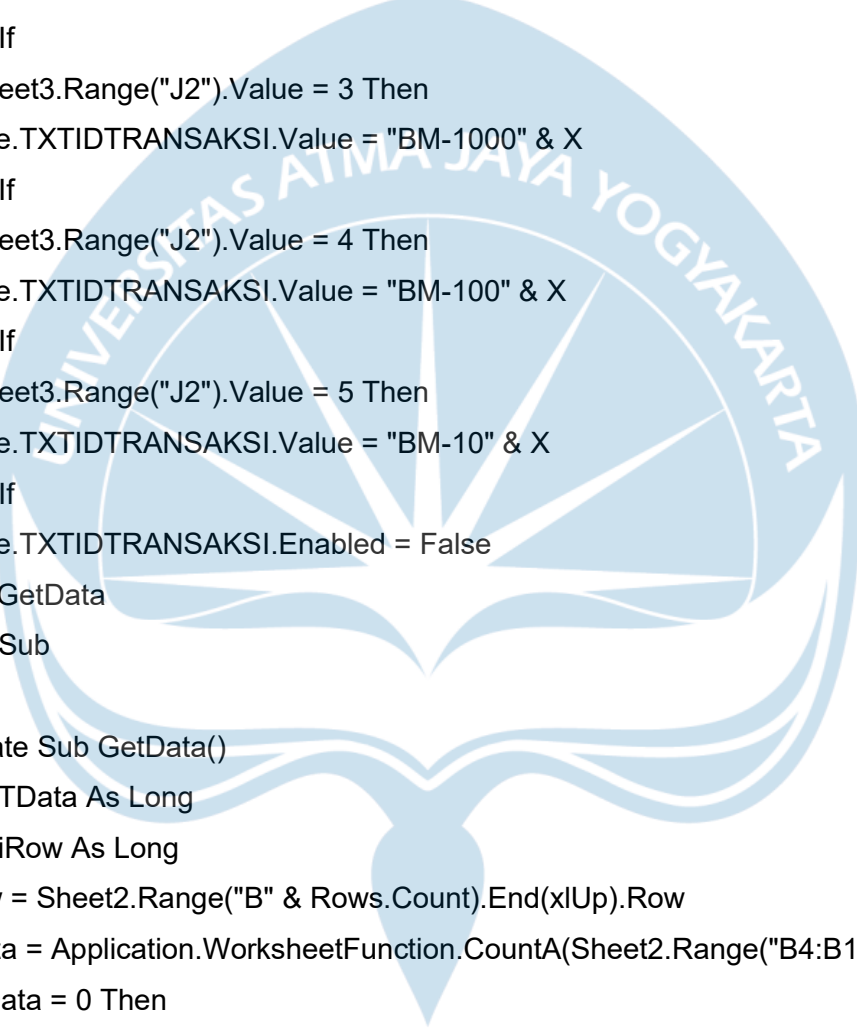
.Range("D1").Value = "Nama Barang"
.Range("E1").Value = "Satuan"
.Range("F1").Value = "Gudang"
.Range("G1").Value = "Jumlah Masuk"
End With
Else
Set wsBarang = ThisWorkbook.Sheets(namaSheet)
End If

barisKosong = wsBarang.Cells(wsBarang.Rows.Count, "A").End(xlUp).Row + 1
With wsBarang
    .Cells(barisKosong, 1).Value = Me.TXTIDTRANSAKSI.Value
    .Cells(barisKosong, 2).Value = Format(Me.TXTTANGGAL.Value,
"MM/DD/YYYY")
    .Cells(barisKosong, 3).Value = Me.CBIDBARANG.Value
    .Cells(barisKosong, 4).Value = Me.TXTNAMABARANG.Value
    .Cells(barisKosong, 5).Value = Me.TXTSATUAN.Value
    .Cells(barisKosong, 6).Value = Me.TXTGUDANG.Value
    .Cells(barisKosong, 7).Value = Me.TXTMASUK.Value
End With

Call AmbilData
MsgBox "Data barang masuk telah disimpan", vbInformation, "Barang Masuk"
Me.TXTIDTRANSAKSI.Value = ""
Me.TXTTANGGAL.Value = ""
Me.CBIDBARANG.Value = ""
Me.TXTNAMABARANG.Value = ""
Me.TXTSATUAN.Value = ""
Me.TXTSTOK.Value = ""
Me.TXTMASUK.Value = ""
Me.TXTTOTALSTOK.Value = ""
End Sub

Private Sub CMDBARU_Click()
Dim X As Long

```



```

X = Sheet3.Range("J3").Value + 1
Sheet3.Range("J3").Value = X
If Sheet3.Range("J2").Value = 1 Then
    Me.TXTIDTRANSAKSI.Value = "BM-100000" & X
End If
If Sheet3.Range("J2").Value = 2 Then
    Me.TXTIDTRANSAKSI.Value = "BM-10000" & X
End If
If Sheet3.Range("J2").Value = 3 Then
    Me.TXTIDTRANSAKSI.Value = "BM-1000" & X
End If
If Sheet3.Range("J2").Value = 4 Then
    Me.TXTIDTRANSAKSI.Value = "BM-100" & X
End If
If Sheet3.Range("J2").Value = 5 Then
    Me.TXTIDTRANSAKSI.Value = "BM-10" & X
End If
Me.TXTIDTRANSAKSI.Enabled = False
Call GetData
End Sub

Private Sub GetData()
Dim TData As Long
Dim iRow As Long
iRow = Sheet2.Range("B" & Rows.Count).End(xlUp).Row
TData = Application.WorksheetFunction.CountA(Sheet2.Range("B4:B10000"))
If TData = 0 Then
    Me.CBIDBARANG.RowSource = ""
Else
    Me.CBIDBARANG.RowSource = "DATABARANG!B4:C" & iRow
End If
End Sub

Private Sub CMDCARI_Click()
On Error GoTo Salah

```

```

Dim iRow As Long
Dim CARI_DATA As Object
Set CARI_DATA = Sheet3
Sheet6.Range("L2").Value = ">=" & Me.TANGGALAWAL.Value
Sheet6.Range("M2").Value = "<=" & Me.TANGGALAKHIR.Value
Me.TABELDATA.Value = ""
CARI_DATA.Range("A5").CurrentRegion.AdvancedFilter Action:=xlFilterCopy,
CriteriaRange:= _
Sheet6.Range("L1:M2"), CopyToRange:=Sheet6.Range("A1:H1"), Unique:=False
iRow = Sheet6.Range("A" & Rows.Count).End(xlUp).Row
If iRow > 1 Then
    Me.TABELDATA.RowSource = "CARIMASUK!A2:H" & iRow
Else
    Call MsgBox("Data tidak ditemukan", vbInformation, "Cari Data")
End If
Me.TXTTOTALBARANG.Value = Me.TABELDATA.ListCount
Exit Sub
Salah:
Call MsgBox("Maaf Data tidak ditemukan", vbInformation, "Cari Data")
End Sub

Private Sub CMDCETAK_Click()
Select Case MsgBox("Anda akan mencetak laporan barang masuk" _
& vbCrLf & "Apakah anda yakin?" _
, vbYesNo Or vbQuestion Or vbDefaultButton1, "Cetak data")
Case vbNo
Exit Sub
Case vbYes
End Select
Unload Me
Sheet6.PrintPreview
Sheet1.Select
End Sub

Private Sub CMDDELETE_Click()

```

```

Application.ScreenUpdating = False
Dim UpdateStok As Object
Set UpdateStok =
Sheet2.Range("B4:B10000").Find(What:=Me.TXTIDBARANG.Value,
LookIn:=xlValues)
    Me.TABELDATA.Value = ""
If Me.TXTIDHAPUS.Value = "" Then
Call MsgBox("Pilih data pada tabel data", vbInformation, "Hapus Data")
Else
Select Case MsgBox("Anda akan menghapus data" _
& vbCrLf & "Apakah anda yakin?" _
, vbYesNo Or vbQuestion Or vbDefaultButton1, "Hapus data")
Case vbNo
Exit Sub
Case vbYes
End Select
Sheet3.Select

UpdateStok.Offset(0, 5).Value = UpdateStok.Offset(0, 5).Value -
Me.STOKHAPUS.Value

Selection.EntireRow.Delete

Call MsgBox("Data berhasil dihapus", vbInformation, "Hapus Data")
    Me.TXTIDTRANSAKSI.Value = ""
    Me.TXTTANGGAL.Value = ""
    Me.CBIDBARANG.Value = ""
    Me.TXTNAMABARANG.Value = ""
    Me.TXTSATUAN.Value = ""
    Me.TXTSTOK.Value = ""
    Me.TXTMASUK.Value = ""
    Me.TXTTOTALSTOK.Value = ""
    Me.TXTIDHAPUS.Value = ""

Call AmbilData
Sheet1.Select

```

End If
End Sub

Private Sub CMDRESET_Click()
 Me.TABELDATA.Value = ""
 Me.TXTIDTRANSAKSI.Value = ""
 Me.TXTTANGGAL.Value = ""
 Me.CBIDBARANG.Value = ""
 Me.TXTNAMABARANG.Value = ""
 Me.TXTSATUAN.Value = ""
 Me.TXTSTOK.Value = ""
 Me.TXTMASUK.Value = ""
 Me.TXTTOTALSTOK.Value = ""
 Me.TXTIDHAPUS.Value = ""
 Me.TXTIDBARANG.Value = ""
 Me.STOKHAPUS.Value = ""
 Me.TANGGALAWAL.Value = ""
 Me.TANGGALAKHIR.Value = ""
 Call AmbilData
 Me.CMDDELETE.Enabled = True
 Me.CMDADD.Enabled = True
 Me.CMDBARU.Enabled = True
End Sub

Private Sub CMDUPDATE_Click()
 Application.ScreenUpdating = False
 Dim UBAHDATA As Object
 Dim UpdateStok As Object
 Dim wsBarang As Worksheet
 Dim namaSheet As String
 Dim barisBarang As Range
 Dim barisID As Range

```
Set UBAHDATA =  
Sheet3.Range("A4:A10000").Find(What:=Me.TABELDATA.Value,LookIn:=xlValues)  
Set UpdateStok =  
Sheet2.Range("B4:B10000").Find(What:=Me.CBIDBARANG.Value,LookIn:=xlValues)
```

```
If Me.TXTIDTRANSAKSI.Value = "" Then  
MsgBox "Untuk mengubah Data, pilih data terlebih dahulu", vbInformation, "Ubah  
Data"  
Exit Sub  
End If
```

```
If Not UBAHDATA Is Nothing Then  
    UBAHDATA.Offset(0, 2).Value = Format(Me.TXTTANGGAL.Value,  
    "MM/dd/yyyy")  
    UBAHDATA.Offset(0, 7).Value = Me.TXTMASUK.Value  
End If
```

```
If Not UpdateStok Is Nothing Then  
    UpdateStok.Offset(0, 5).Value = Me.TXTTOTALSTOK.Value  
End If
```

```
namaSheet = Left(WorksheetFunction.Clean(Me.TXTNAMABARANG.Value), 31)  
On Error Resume Next  
Set wsBarang = ThisWorkbook.Sheets(namaSheet)  
On Error GoTo 0
```

```
If Not wsBarang Is Nothing Then  
Set barisID =  
wsBarang.Range("A2:A10000").Find(What:=Me.TXTIDTRANSAKSI.Value,  
LookIn:=xlValues)  
If Not barisID Is Nothing Then  
With wsBarang  
    barisID.Offset(0, 1).Value = Format(Me.TXTTANGGAL.Value, "MM/dd/yyyy")
```

```

barisID.Offset(0, 6).Value = Me.TXTMASUK.Value
End With
End If
End If

MsgBox "Data berhasil diubah", vbInformation, "Ubah Data"
    Me.TXTIDTRANSAKSI.Value = ""
    Me.TXTTANGGAL.Value = ""
    Me.CBIDBARANG.Value = ""
    Me.TXTNAMABARANG.Value = ""
    Me.TXTSATUAN.Value = ""
    Me.TXTSTOK.Value = ""
    Me.TXTMASUK.Value = ""
    Me.TXTTOTALSTOK.Value = ""
    Me.TXTIDHAPUS.Value = ""

Call AmbilData
Sheet1.Select
End Sub

Private Sub TABELDATA_Click()
Dim SUMBERUBAH As String
Dim CELLAKTIF As String
Application.ScreenUpdating = False
    Me.TXTIDHAPUS.Value = Me.TABELDATA.Column(1)
    Me.STOKHAPUS.Value = Me.TABELDATA.Column(7)
    Me.TXTIDBARANG.Value = Me.TABELDATA.Column(3)

Sheet3.Select
SUMBERUBAH = Sheets("BARANGMASUK").Cells(Rows.Count,
"B").End(xlUp).Row
Sheets("BARANGMASUK").Range("B4:B" &
SUMBERUBAH).Find(What:=Me.TXTIDHAPUS.Value, LookIn:=xlValues,
LookAt:=xlWhole).Activate
CELLAKTIF = ActiveCell.Row
    Me.CMDDELETE.Enabled = True

```

```

Me.CMDADD.Enabled = False
Me.TXTIDTRANSAKSI.Enabled = False
Me.CMDBARU.Enabled = False
Me.TXTIDHAPUS.Enabled = False
Me.STOKHAPUS.Enabled = False
Me.TXTIDBARANG.Enabled = False

Sheet1.Select
End Sub

Private Sub TABELDATA_DbClick(ByVal Cancel As MSForms.ReturnBoolean)
Dim SUMBERUBAH, CELLAKTIF As String
Application.ScreenUpdating = False
On Error GoTo EXCELVBA
    Me.TXTIDTRANSAKSI.Value = Me.TABELDATA.Column(1)
    Me.TXTTANGGAL.Value = Format(Me.TABELDATA.Column(2),
"dd/mm/yyyy")

    Me.CBIDBARANG.Value = Me.TABELDATA.Column(3)
    Me.TXTNAMABARANG.Value = Me.TABELDATA.Column(4)
    Me.TXTSATUAN.Value = Me.TABELDATA.Column(5)
    Me.TXTMASUK.Value = Me.TABELDATA.Column(7)
    Me.TXTTOTALSTOK.Value = Me.TXTSTOK.Value

Sheet3.Select
SUMBERUBAH = Sheets("BARANGMASUK").Cells(Rows.Count,
"B").End(xlUp).Row
Sheets("BARANGMASUK").Range("B4:B" &
SUMBERUBAH).Find(What:=Me.TXTIDHAPUS.Value, LookIn:=xlValues,
LookAt:=xlWhole).Activate
CELLAKTIF = ActiveCell.Row
Sheets("BARANGMASUK").Range("A" & CELLAKTIF & ":H" &
CELLAKTIF).Select
Sheet1.Select
    Me.CMDDELETE.Enabled = False
Exit Sub

```

EXCELVBA:

Call MsgBox("Klik 2x pada tabel data", vbInformation, "Pilih Data")

End Sub

Private Sub TXTCARIBARANG_Change()

On Error GoTo Salah

Dim iRow As Long

Dim CARI_DATA As Object

Set CARI_DATA = Sheet3

Sheet6.Range("J1").Value = "Nama Barang"

Sheet6.Range("J2").Value = "*" & Me.TXTCARIBARANG.Value & "*" & "

Me.TABELDATA.Value = ""

CARI_DATA.Range("A5").CurrentRegion.AdvancedFilter Action:=xlFilterCopy,

CriteriaRange:= _

Sheet6.Range("J1:J2"), CopyToRange:=Sheet6.Range("A1:H1"), Unique:=False

iRow = Sheet6.Range("A" & Rows.Count).End(xlUp).Row

If iRow > 1 Then

Me.TABELDATA.RowSource = "CARIMASUK!A2:H" & iRow

Else

Call MsgBox("Data tidak ditemukan", vbInformation, "Cari Data")

End If

Me.TXTTOTALBARANG.Value = Me.TABELDATA.ListCount

Exit Sub

Salah:

Call MsgBox("Maaf Data tidak ditemukan", vbInformation, "Cari Data")

End Sub

Private Sub TXTMASUK_Change()

On Error Resume Next

Dim stokAwal As Double

Dim STOKHAPUS As Double

Dim stokMasuk As Double

stokAwal = KonversiDesimal(Me.TXTSTOK.Value)

STOKHAPUS = KonversiDesimal(Me.STOKHAPUS.Value)

stokMasuk = KonversiDesimal(Me.TXTMASUK.Value)

```
Me.TXTTOTALSTOK.Value = Format(stokAwal - STOKHAPUS + stokMasuk,  
"0.00")  
End Sub
```

```
Private Function KonversiDesimal(strValue As String) As Double  
If Trim(strValue) = "" Then  
    KonversiDesimal = 0  
Else  
    strValue = Replace(strValue, ",", ".")  
    KonversiDesimal = Val(strValue)  
End If  
End Function
```

```
Private Sub UserForm_Initialize()  
    Call AmbilData  
End Sub  
Private Sub AmbilData()  
    Dim TData As Long  
    Dim iRow As Long  
    iRow = Sheet3.Range("A" & Rows.Count).End(xlUp).Row  
    TData = Application.WorksheetFunction.CountA(Sheet3.Range("B4:B10000"))  
    If TData = 0 Then  
        Me.TABELDATA.RowSource = ""  
    Else  
        Me.TABELDATA.RowSource = "BARANGMASUK!A4:H" & iRow  
    End If  
    Me.TXTTOTALBARANG.Value = Me.TABELDATA.ListCount  
End Sub
```

Lampiran 12. Kode program form barang keluar

```
Private Sub CBIDBARANG_Change()  
On Error GoTo EXCELVBA  
Dim CariBarang As Object  
Set CariBarang =  
Sheet2.Range("B4:B10000").Find(What:=Me.CBIDBARANG.Value,  
LookIn:=xlValues)  
    Me.TXTNAMABARANG.Value = CariBarang.Offset(0, 1).Value  
    Me.TXTSATUAN.Value = CariBarang.Offset(0, 3).Value  
    Me.TXTGUDANG.Value = CariBarang.Offset(0, 4).Value  
    Me.TXTSTOK.Value = CariBarang.Offset(0, 5).Value  
    Me.TXTSTOK.Enabled = False  
    Me.TXTTOTALSTOK.Enabled = False  
Exit Sub  
EXCELVBA:  
Call MsgBox("Maaf, Id barang belum terdaftar", vbInformation, "Data Barang")  
End Sub  
  
Private Sub CMDADD_Click()  
Dim DBMASUK As Range  
Dim UpdateStok As Range  
Dim wsBarang As Worksheet  
Dim namaSheetBaru As String  
Dim kolomAwal As Integer  
Dim lastRow As Long  
kolomAwal = 11  
If Me.TXTIDTRANSAKSI.Value = "" Or _  
    Me.TXTTANGGAL.Value = "" Or _  
    Me.CBIDBARANG.Value = "" Or _  
    Me.TXTKELUAR.Value = "" Then  
MsgBox "Isi data barang keluar dengan lengkap", vbInformation, "Barang Keluar"  
Exit Sub  
End If  
  
Set DBMASUK = Sheet4.Range("B100000").End(xlUp)
```

```

DBMASUK.Offset(1, -1).Value = "=ROW()-ROW(BARANGMASUK!$A$3)"
DBMASUK.Offset(1, 0).Value = Me.TXTIDTRANSAKSI.Value
DBMASUK.Offset(1, 1).Value = Format(Me.TXTTANGGAL.Value,
"MM/DD/YYYY")
DBMASUK.Offset(1, 2).Value = Me.CBIDBARANG.Value
DBMASUK.Offset(1, 3).Value = Me.TXTNAMABARANG.Value
DBMASUK.Offset(1, 4).Value = Me.TXTSATUAN.Value
DBMASUK.Offset(1, 5).Value = Me.TXTGUDANG.Value
DBMASUK.Offset(1, 6).Value = Me.TXTKELUAR.Value

Set UpdateStok =
Sheet2.Range("B4:B10000").Find(What:=Me.CBIDBARANG.Value,
LookIn:=xlValues)
If Not UpdateStok Is Nothing Then
UpdateStok.Offset(0, 5).Value = Me.TXTTOTALSTOK.Value
End If

namaSheetBaru =
Left(WorksheetFunction.Clean(Me.TXTNAMABARANG.Value), 31) ' Pastikan
tidak melebihi 31 karakter
On Error Resume Next
Set wsBarang = Worksheets(namaSheetBaru)
On Error GoTo 0

If wsBarang Is Nothing Then
Set wsBarang = ThisWorkbook.Sheets.Add(After:=Sheets(Sheets.Count))
wsBarang.Name = namaSheetBaru

With wsBarang
.Cells(1, kolomAwal + 0).Value = "ID Transaksi"
.Cells(1, kolomAwal + 1).Value = "Tanggal"
.Cells(1, kolomAwal + 2).Value = "ID Barang"
.Cells(1, kolomAwal + 3).Value = "Nama Barang"
.Cells(1, kolomAwal + 4).Value = "Satuan"
.Cells(1, kolomAwal + 5).Value = "Gudang"

```

```

.Cells(1, kolomAwal + 6).Value = "Jumlah Keluar"

.Activate
.Cells(1, kolomAwal).Select
End With
End If
With wsBarang
lastRow = .Cells(.Rows.Count, kolomAwal).End(xlUp).Row
If lastRow < 2 Then lastRow = 1

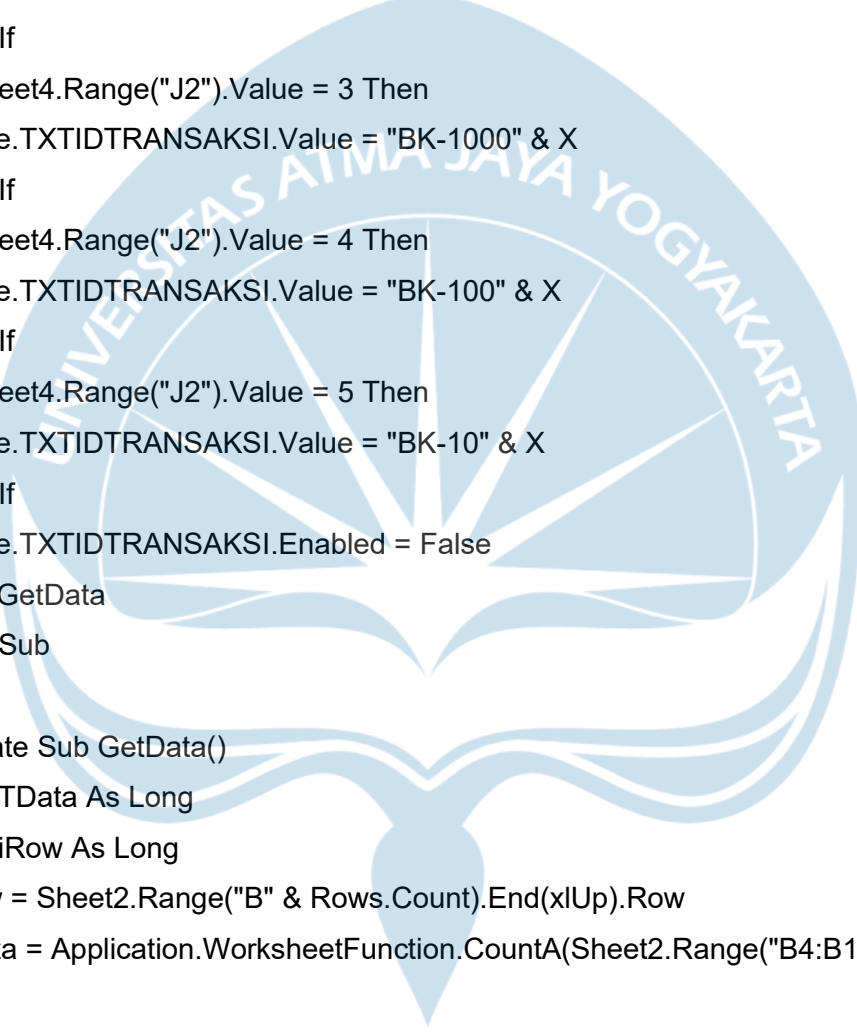
.Cells(lastRow + 1, kolomAwal + 0).Value = Me.TXTIDTRANSAKSI.Value
.Cells(lastRow + 1, kolomAwal + 1).Value = Format(Me.TXTTANGGAL.Value,
"MM/DD/YYYY")
.Cells(lastRow + 1, kolomAwal + 2).Value = Me.CBIDBARANG.Value
.Cells(lastRow + 1, kolomAwal + 3).Value = Me.TXTNAMABARANG.Value
.Cells(lastRow + 1, kolomAwal + 4).Value = Me.TXTSATUAN.Value
.Cells(lastRow + 1, kolomAwal + 5).Value = Me.TXTGUDANG.Value
.Cells(lastRow + 1, kolomAwal + 6).Value = Me.TXTKELUAR.Value
End With

Call AmbilData
MsgBox "Data barang keluar telah disimpan", vbInformation, "Barang Keluar"

Me.TXTIDTRANSAKSI.Value = ""
Me.TXTTANGGAL.Value = ""
Me.CBIDBARANG.Value = ""
Me.TXTNAMABARANG.Value = ""
Me.TXTSATUAN.Value = ""
Me.TXTSTOK.Value = ""
Me.TXTKELUAR.Value = ""
Me.TXTTOTALSTOK.Value = ""
End Sub

Private Sub CMDBARU_Click()
Dim X As Long

```



```

X = Sheet4.Range("J3").Value + 1
Sheet4.Range("J3").Value = X
If Sheet4.Range("J2").Value = 1 Then
    Me.TXTIDTRANSAKSI.Value = "BK-100000" & X
End If
If Sheet4.Range("J2").Value = 2 Then
    Me.TXTIDTRANSAKSI.Value = "BK-10000" & X
End If
If Sheet4.Range("J2").Value = 3 Then
    Me.TXTIDTRANSAKSI.Value = "BK-1000" & X
End If
If Sheet4.Range("J2").Value = 4 Then
    Me.TXTIDTRANSAKSI.Value = "BK-100" & X
End If
If Sheet4.Range("J2").Value = 5 Then
    Me.TXTIDTRANSAKSI.Value = "BK-10" & X
End If
Me.TXTIDTRANSAKSI.Enabled = False
Call GetData
End Sub

Private Sub GetData()
Dim TData As Long
Dim iRow As Long
iRow = Sheet2.Range("B" & Rows.Count).End(xlUp).Row
TData = Application.WorksheetFunction.CountA(Sheet2.Range("B4:B10000"))

If TData = 0 Then
    Me.CBIDBARANG.RowSource = ""
Else
    Me.CBIDBARANG.RowSource = "DATABARANG!B4:C" & iRow
End If
End Sub

Private Sub AmbilData()

```

```

Dim TData As Long
Dim iRow As Long
iRow = Sheet4.Range("A" & Rows.Count).End(xlUp).Row
TData = Application.WorksheetFunction.CountA(Sheet3.Range("B4:B10000"))

If TData = 0 Then
    Me.TABELDATA.RowSource = ""
Else
    Me.TABELDATA.RowSource = "BARANGKELUAR!A4:H" & iRow
End If
Me.TXTTOTALBARANG.Value = Me.TABELDATA.ListCount
End Sub

Private Sub CMDCARI_Click()
On Error GoTo Salah
Dim iRow As Long
Dim CARI_DATA As Object
Set CARI_DATA = Sheet4
Sheet7.Range("L2").Value = ">=" & Me.TANGGALAWAL.Value
Sheet7.Range("M2").Value = "<=" & Me.TANGGALAKHIR.Value
    Me.TABELDATA.Value = ""
CARI_DATA.Range("A5").CurrentRegion.AdvancedFilter Action:=xlFilterCopy,
CriteriaRange:= _
Sheet7.Range("L1:M2"), CopyToRange:=Sheet7.Range("A1:H1"), Unique:=False
iRow = Sheet7.Range("A" & Rows.Count).End(xlUp).Row
If iRow > 1 Then
    Me.TABELDATA.RowSource = "CARIKELUAR!A2:H" & iRow
Else
    Call MsgBox("Data tidak ditemukan", vbInformation, "Cari Data")
End If
    Me.TXTTOTALBARANG.Value = Me.TABELDATA.ListCount
Exit Sub
Salah:
Call MsgBox("Maaf Data tidak ditemukan", vbInformation, "Cari Data")

```

End Sub

Private Sub CMDCETAK_Click()

Select Case MsgBox("Anda akan mencetak laporan barang keluar" _
& vbCrLf & "Apakah anda yakin?" _
, vbYesNo Or vbQuestion Or vbDefaultButton1, "Cetak data")

Case vbNo

Exit Sub

Case vbYes

End Select

Unload Me

Sheet7.PrintPreview

Sheet1.Select

End Sub

Private Sub CMDDELETE_Click()

Application.ScreenUpdating = False

Dim UpdateStok As Object

Set UpdateStok =

Sheet2.Range("B4:B10000").Find(What:=Me.TXTIDBARANG.Value,
LookIn:=xlValues)

Me.TABELDATA.Value = ""

If Me.TXTIDHAPUS.Value = "" Then

Call MsgBox("Pilih data pada tabel data", vbInformation, "Hapus Data")

Else

Select Case MsgBox("Anda akan menghapus data" _

& vbCrLf & "Apakah anda yakin?" _

, vbYesNo Or vbQuestion Or vbDefaultButton1, "Hapus data")

Case vbNo

Exit Sub

Case vbYes

End Select

Sheet4.Select

```
UpdateStok.Offset(0, 5).Value = UpdateStok.Offset(0, 5).Value + 0 +  
Me.STOKHAPUS.Value
```

```
Selection.EntireRow.Delete
```

```
Call MsgBox("Data berhasil dihapus", vbInformation, "Hapus Data")
```

```
Me.TXTIDTRANSAKSI.Value = ""
```

```
Me.TXTTANGGAL.Value = ""
```

```
Me.CBIDBARANG.Value = ""
```

```
Me.TXTNAMABARANG.Value = ""
```

```
Me.TXTSATUAN.Value = ""
```

```
Me.TXTSTOK.Value = ""
```

```
Me.TXTKELUAR.Value = ""
```

```
Me.TXTTOTALSTOK.Value = ""
```

```
Me.TXTIDHAPUS.Value = ""
```

```
Call AmbilData
```

```
Sheet1.Select
```

```
End If
```

```
End Sub
```

```
Private Sub CMDRESET_Click()
```

```
Me.TABELDATA.Value = ""
```

```
Me.TXTIDTRANSAKSI.Value = ""
```

```
Me.TXTTANGGAL.Value = ""
```

```
Me.CBIDBARANG.Value = ""
```

```
Me.TXTNAMABARANG.Value = ""
```

```
Me.TXTSATUAN.Value = ""
```

```
Me.TXTSTOK.Value = ""
```

```
Me.TXTKELUAR.Value = ""
```

```
Me.TXTTOTALSTOK.Value = ""
```

```
Me.TXTIDHAPUS.Value = ""
```

```
Me.TXTIDBARANG.Value = ""
```

```
Me.STOKHAPUS.Value = ""
```

```
Call AmbilData
```

```

Me.CMDDELETE.Enabled = True
Me.CMDADD.Enabled = True
Me.CMDBARU.Enabled = True
End Sub

Private Sub CMDUPDATE_Click()
Application.ScreenUpdating = False

Dim UBAHDATA As Range
Dim UpdateStok As Range
Dim wsBarang As Worksheet
Dim namaSheet As String
Dim barisID As Range
Dim kolomAwal As Integer
kolomAwal = 11
If Me.TXTIDTRANSAKSI.Value = "" Then
MsgBox "Untuk mengubah data, pilih data terlebih dahulu", vbInformation, "Ubah
Data"
Exit Sub
End If

Set UBAHDATA =
Sheet4.Range("B4:B10000").Find(What:=Me.TXTIDTRANSAKSI.Value,
LookIn:=xlValues)
If Not UBAHDATA Is Nothing Then
UBAHDATA.Offset(0, 1).Value = Format(Me.TXTTANGGAL.Value,
"MM/dd/yyyy")
UBAHDATA.Offset(0, 6).Value = Me.TXTKELUAR.Value
End If

Set UpdateStok =
Sheet2.Range("B4:B10000").Find(What:=Me.CBIDBARANG.Value,
LookIn:=xlValues)
If Not UpdateStok Is Nothing Then
UpdateStok.Offset(0, 5).Value = Me.TXTTOTALSTOK.Value

```

End If

namaSheet = Left(WorksheetFunction.Clean(Me.TXTNAMABARANG.Value), 31)

On Error Resume Next

Set wsBarang = ThisWorkbook.Sheets(namaSheet)

On Error GoTo 0

If Not wsBarang Is Nothing Then

Set barisID = wsBarang.Range(wsBarang.Cells(2, kolomAwal),
wsBarang.Cells(10000, kolomAwal)) _

.Find(What:=Me.TXTIDTRANSAKSI.Value,
LookIn:=xlValues)

If Not barisID Is Nothing Then

With barisID

.Offset(0, 1).Value = Format(Me.TXTTANGGAL.Value, "MM/dd/yyyy")

.Offset(0, 6).Value = Me.TXTKELUAR.Value

End With

End If

End If

MsgBox "Data barang keluar berhasil diubah", vbInformation, "Ubah Data"

Me.TXTIDTRANSAKSI.Value = ""

Me.TXTTANGGAL.Value = ""

Me.CBIDBARANG.Value = ""

Me.TXTNAMABARANG.Value = ""

Me.TXTSATUAN.Value = ""

Me.TXTSTOK.Value = ""

Me.TXTKELUAR.Value = ""

Me.TXTTOTALSTOK.Value = ""

Me.TXTIDHAPUS.Value = ""

Call AmbilData

Sheet1.Select

End Sub

```

Private Sub TABELDATA_Click()
Dim SUMBERUBAH As String
Dim CELLAKTIF As String
Application.ScreenUpdating = False
    Me.TXTIDHAPUS.Value = Me.TABELDATA.Column(1)
    Me.STOKHAPUS.Value = Me.TABELDATA.Column(7)
    Me.TXTIDBARANG.Value = Me.TABELDATA.Column(3)

Sheet4.Select
SUMBERUBAH = Sheets("BARANGKELUAR").Cells(Rows.Count,
"B").End(xlUp).Row
Sheets("BARANGKELUAR").Range("B4:B" &
SUMBERUBAH).Find(What:=Me.TXTIDHAPUS.Value, LookIn:=xlValues,
LookAt:=xlWhole).Activate
CELLAKTIF = ActiveCell.Row
    Me.CMDDELETE.Enabled = True
    Me.CMDADD.Enabled = False
    Me.TXTIDTRANSAKSI.Enabled = False
    Me.CMDBARU.Enabled = False
    Me.TXTIDHAPUS.Enabled = False
    Me.STOKHAPUS.Enabled = False
    Me.TXTIDBARANG.Enabled = False
Sheet1.Select
End Sub

```

```

Private Sub TABELDATA_DbClick(ByVal Cancel As MSForms.ReturnBoolean)
Dim SUMBERUBAH, CELLAKTIF As String
Application.ScreenUpdating = False

```

```

    Me.TXTIDTRANSAKSI.Value = Me.TABELDATA.Column(1)
    Me.TXTTANGGAL.Value = Format(Me.TABELDATA.Column(2),"dd/mm/yyyy")
    Me.CBIDBARANG.Value = Me.TABELDATA.Column(3)
    Me.TXTNAMABARANG.Value = Me.TABELDATA.Column(4)
    Me.TXTSATUAN.Value = Me.TABELDATA.Column(5)
    Me.TXTKELUAR.Value = Me.TABELDATA.Column(7)

```

Me.TXTTOTALSTOK.Value = Me.TXTSTOK.Value

Sheet4.Select

SUMBERUBAH = Sheets("BARANGKELUAR").Cells(Rows.Count, "B").End(xlUp).Row

Sheets("BARANGKELUAR").Range("B4:B" & SUMBERUBAH).Find(What:=Me.TXTIDHAPUS.Value, LookIn:=xlValues, LookAt:=xlWhole).Activate

CELLAKTIF = ActiveCell.Row

Sheets("BARANGKELUAR").Range("A" & CELLAKTIF & ":H" & CELLAKTIF).Select

Sheet1.Select

Me.CMDDELETE.Enabled = False

Exit Sub

EXCELVBA:

Call MsgBox("Klik 2x pada tabel data", vbInformation, "Pilih Data")

End Sub

Private Sub TXTCARIBARANG_Change()

On Error GoTo Salah

Dim iRow As Long

Dim CARI_DATA As Object

Set CARI_DATA = Sheet4

Sheet7.Range("J1").Value = "Nama Barang"

Sheet7.Range("J2").Value = "*" & Me.TXTCARIBARANG.Value & "*" & "

Me.TABELDATA.Value = ""

CARI_DATA.Range("A5").CurrentRegion.AdvancedFilter Action:=xlFilterCopy, CriteriaRange:= _

Sheet7.Range("J1:J2"), CopyToRange:=Sheet7.Range("A1:H1"), Unique:=False

iRow = Sheet6.Range("A" & Rows.Count).End(xlUp).Row

If iRow > 1 Then

Me.TABELDATA.RowSource = "CARIKELUAR!A2:H" & iRow

Else

Call MsgBox("Data tidak ditemukan", vbInformation, "Cari Data")

End If

```

Me.TXTTOTALBARANG.Value = Me.TABELDATA.ListCount
Exit Sub
Salah:
Call MsgBox("Maaf Data tidak ditemukan", vbInformation, "Cari Data")
End Sub

Private Sub TXTKELUAR_Change()
On Error Resume Next

Dim stokAwal As Double
Dim stokKeluar As Double
Dim STOKHAPUS As Double

stokAwal = KonversiDesimal(Me.TXTSTOK.Value)
stokKeluar = KonversiDesimal(Me.TXTKELUAR.Value)
STOKHAPUS = KonversiDesimal(Me.STOKHAPUS.Value)
Me.TXTTOTALSTOK.Value = Format(stokAwal - stokKeluar + STOKHAPUS,
"0.00")
End Sub

Private Function KonversiDesimal(strValue As String) As Double
If Trim(strValue) = "" Then
KonversiDesimal = 0
Else
strValue = Replace(strValue, ",", ".")
KonversiDesimal = Val(strValue)
End If
End Function

Private Sub UserForm_Initialize()
Call AmbilData
End Sub

```

Lampiran 13. Kode program form kartu barang

```
Private Sub UserForm_Initialize()  
Dim ws As Worksheet  
Dim daftarKecuali As Variant  
Dim bolehDitampilkan As Boolean  
Dim i As Long  
  
    daftarKecuali = Array("MENU", "BARANGMASUK", "BARANGKELUAR",  
"DATABARANG", "CARIBARANG", "CARIMASUK", "CARIKELUAR", "LOGIN")  
  
    ComboBox1.Clear  
  
    For Each ws In ThisWorkbook.Sheets  
        bolehDitampilkan = True  
  
        For i = LBound(daftarKecuali) To UBound(daftarKecuali)  
            If ws.Name = daftarKecuali(i) Then  
                bolehDitampilkan = False  
            End If  
        Next i  
  
        If bolehDitampilkan Then  
            ComboBox1.AddItem ws.Name  
        End If  
    Next ws  
End Sub  
  
Private Function SheetExists(sheetName As String) As Boolean  
On Error Resume Next  
SheetExists = Not ThisWorkbook.Sheets(sheetName) Is Nothing  
On Error GoTo 0  
End Function  
  
Private Sub CommandButton1_Click()
```

```
Dim namaSheet As String  
namaSheet = ComboBox1.Value
```

```
If namaSheet = "" Then  
    MsgBox "Silakan pilih nama sheet terlebih dahulu.", vbExclamation  
Exit Sub  
End If
```

```
If SheetExists(namaSheet) Then  
    Sheets(namaSheet).Activate  
    Unload Me  
Else  
    MsgBox "Sheet '" & namaSheet & "' tidak ditemukan!", vbCritical  
End If  
End Sub
```

Lampiran 14. Kode program untuk membuka seluruh menu

```
Sub UpdateDataBARang()  
On Error GoTo Salah
```

```
Dim ws As Worksheet  
Dim lastRow As Long, hasilRow As Long, i As Long  
Dim stokActual As Double, stokMinimal As Double  
Dim strMinimal As String
```

```
Set ws = ThisWorkbook.Sheets("DATABARANG")  
ws.Range("K4:Q1000").ClearContents
```

```
lastRow = ws.Cells(ws.Rows.Count, "B").End(xlUp).Row  
hasilRow = 4
```

```
For i = 4 To lastRow  
    If IsNumeric(ws.Cells(i, "G").Value) Then  
        stokActual = CDbl(ws.Cells(i, "G").Value)  
        strMinimal = Trim(ws.Cells(i, "I").Value)
```

```
    If Left(strMinimal, 1) = "<" Then
```

```

    stokMinimal = Val(Mid(strMinimal, 2))

    If stokActual < stokMinimal Then
        ws.Cells(hasilRow, "K").Value = ws.Cells(i, "A").Value
        ws.Range(ws.Cells(i, "B"), ws.Cells(i, "H")).Copy Destination:=ws.Range("L" &
        hasilRow)
        ws.Cells(hasilRow, "Q").Value = ws.Cells(i, "G").Value
        hasilRow = hasilRow + 1
    End If
End If
End If
End If
Next i

    If hasilRow = 4 Then
        MsgBox "Tidak ada barang dengan stok di bawah batas minimal.",
        vbInformation, "Info"
    End If
    Exit Sub

Salah:
    MsgBox "Terjadi kesalahan saat memfilter data.", vbExclamation, "Error"
End Sub

Sub BukaDataBarang()
    FORMBARANG.Show
End Sub

Sub BarangMasuk()
    FORMBARANGMASUK.Show
End Sub

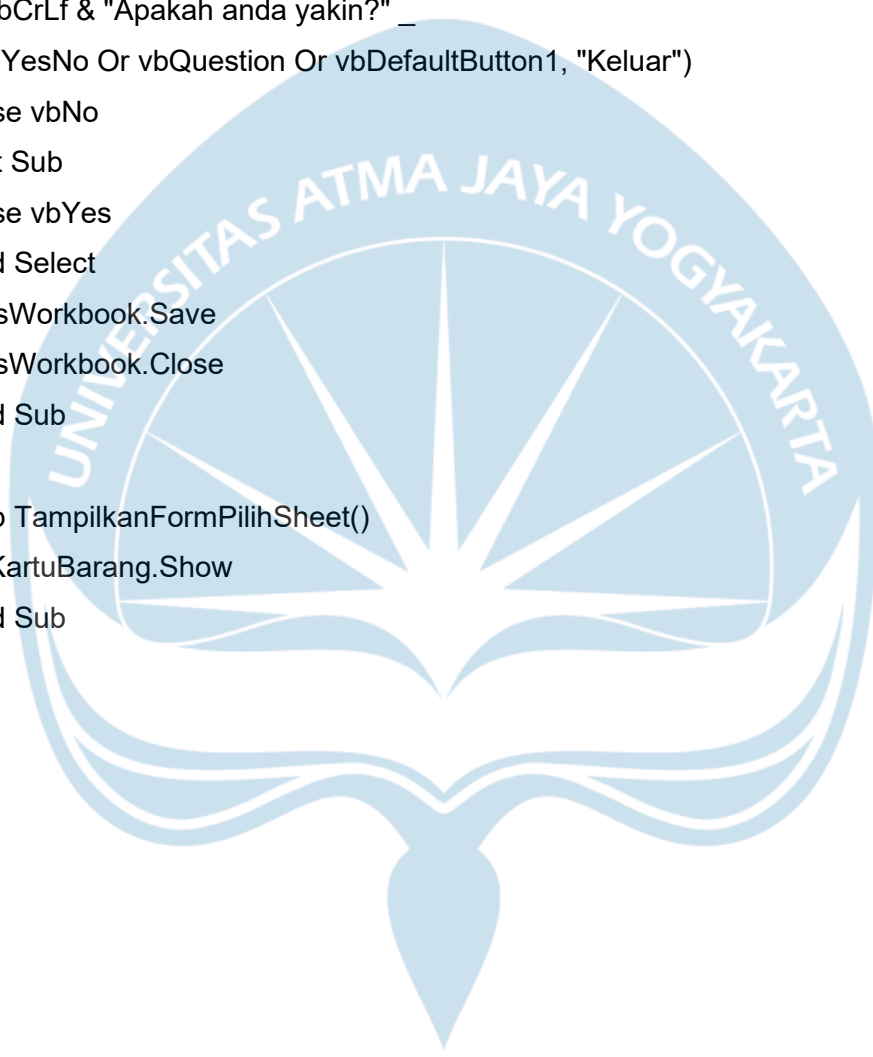
Sub BarangKeluar()
    FORMBARANGKELUAR.Show
End Sub

```

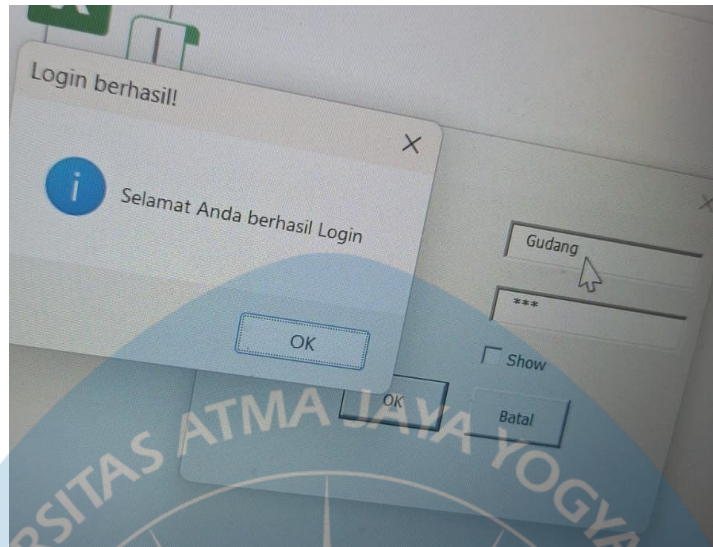
```
Sub SimpanData()  
ThisWorkbook.Save  
End Sub
```

```
Sub Keluar()  
Select Case MsgBox("Anda akan keluar dari aplikasi" _  
& vbCrLf & "Apakah anda yakin?" _  
, vbYesNo Or vbQuestion Or vbDefaultButton1, "Keluar")  
Case vbNo  
Exit Sub  
Case vbYes  
End Select  
ThisWorkbook.Save  
ThisWorkbook.Close  
End Sub
```

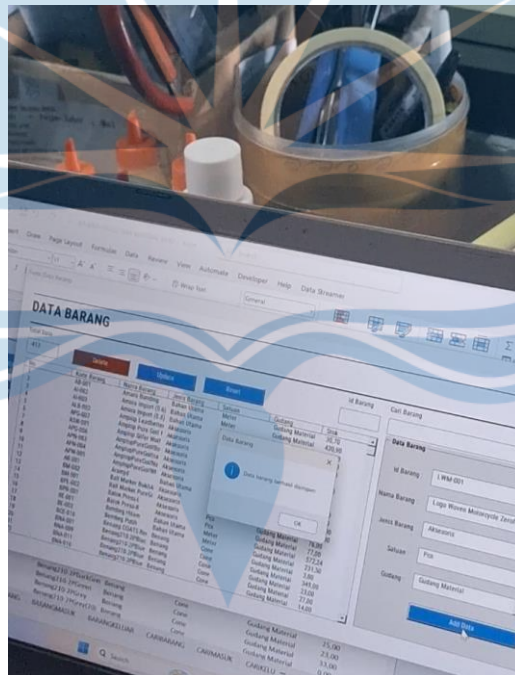
```
Sub TampilkanFormPilihSheet()  
KartuBarang.Show  
End Sub
```



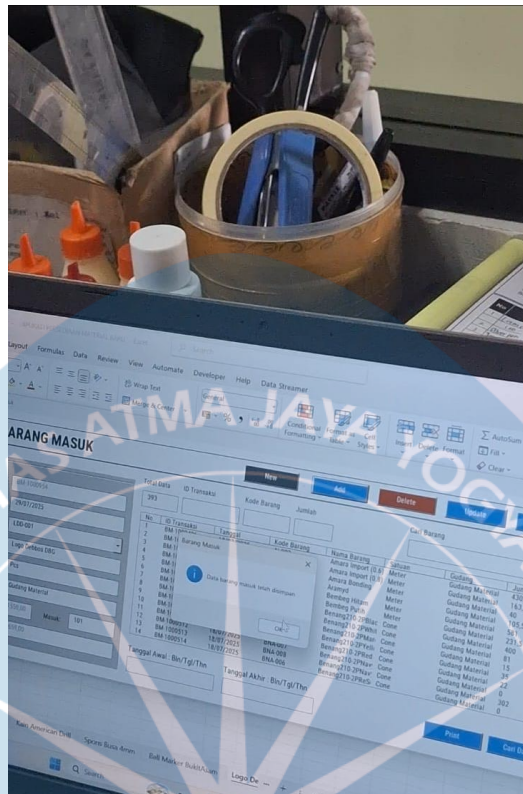
Lampiran 15. Proses *login*



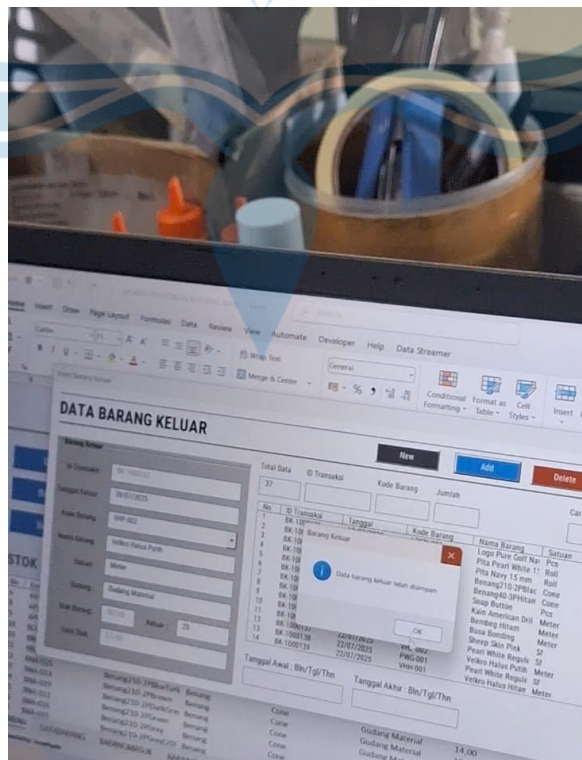
Lampiran 16. Proses *input* data barang



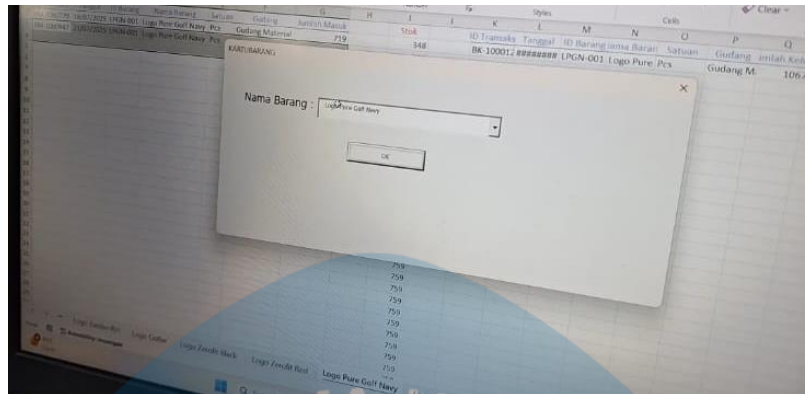
Lampiran 17. Proses *input* barang masuk



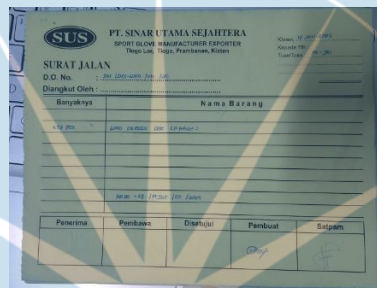
Lampiran 18. Proses *input* barang keluar



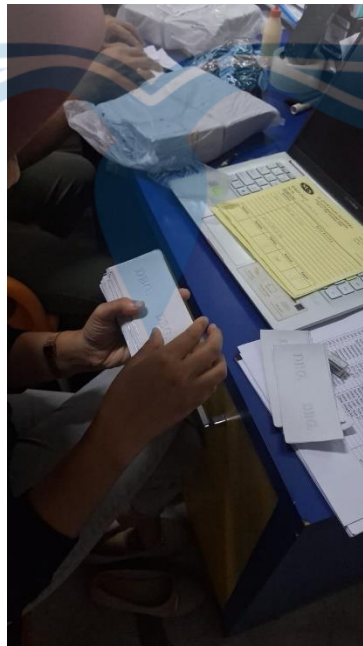
Lampiran 19. Proses *input* kartu barang



Lampiran 20. Proses melakukan cek surat jalan dengan PO



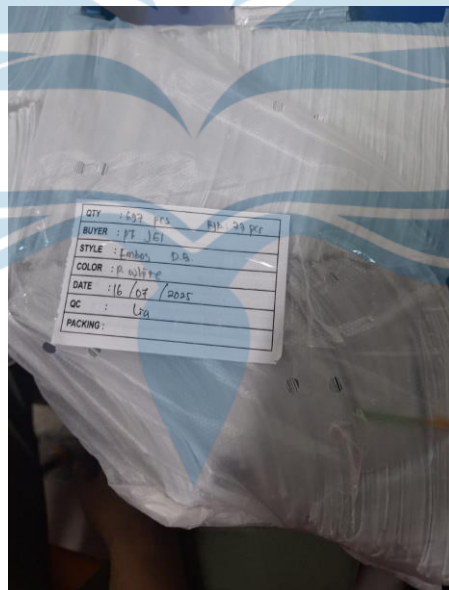
Lampiran 21. Pemeriksaan jumlah dan kualitas barang



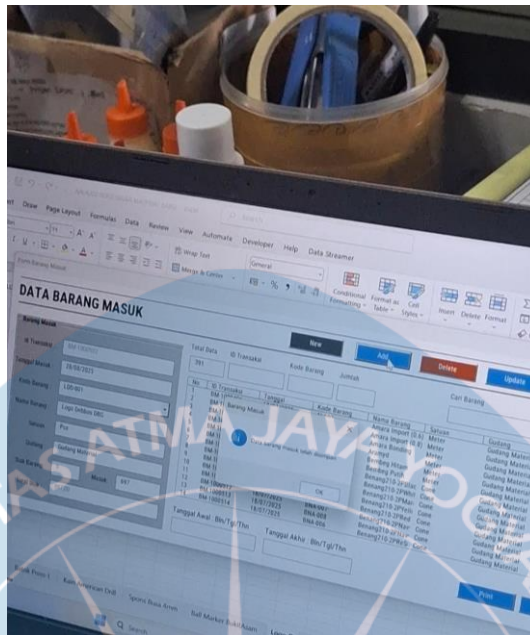
Lampiran 22. Proses pemisahan barang *reject*



Lampiran 23. Proses laporan barang *reject*



Lampiran 24. Proses pencatatan barang yang masuk



Lampiran 25. Proses penyimpanan barang



Lampiran 26. Hasil turnitin

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Lampiran 27. Link video penggunaan aplikasi persediaan material

[Video Penggunaan Aplikasi Persediaan Material.mp4](#)

Lampiran 28. Surat keterangan mencantumkan nama perusahaan

SURAT KETERANGAN MENCANTUMKAN NAMA PERUSAHAAN

Yogyakarta, 18 Agustus 2025

Nomor Surat : -

Perihal : Mencantumkan Nama Perusahaan

Kepada :

Yth. Dekan Fakultas Teknologi Industri

Program Studi Teknik Industri

Universitas Atma Jaya Yogyakarta

di tempat

Dengan hormat,

Berkaitan dengan pelaksanaan penelitian Tugas Akhir yang dilakukan oleh mahasiswa, dengan ini kami menyatakan bahwa :

Nama : Carolyn Christian

NPM : 210611037

Program Studi: Teknik Industri

Mahasiswa yang bersangkutan diijinkan untuk mencantumkan nama perusahaan pada naskah Tugas Akhir yang telah dituliskan.

Demikian surat ini kami sampaikan, atas perhatiannya kami ucapkan terima kasih.

Yogyakarta, 18 Agustus 2025

Pimpinan



Niko Heri S.