

# **SISTEM TERINTEGRASI UNTUK ALAT TULIS KANTOR**



## **Dibuat Oleh:**

Bimo Dwiwangga Pradito ( 2210010430 )

Muhammad Rafi'i ( 2210010462 )

Muhammad Noorhayudha ( 2210010616 )

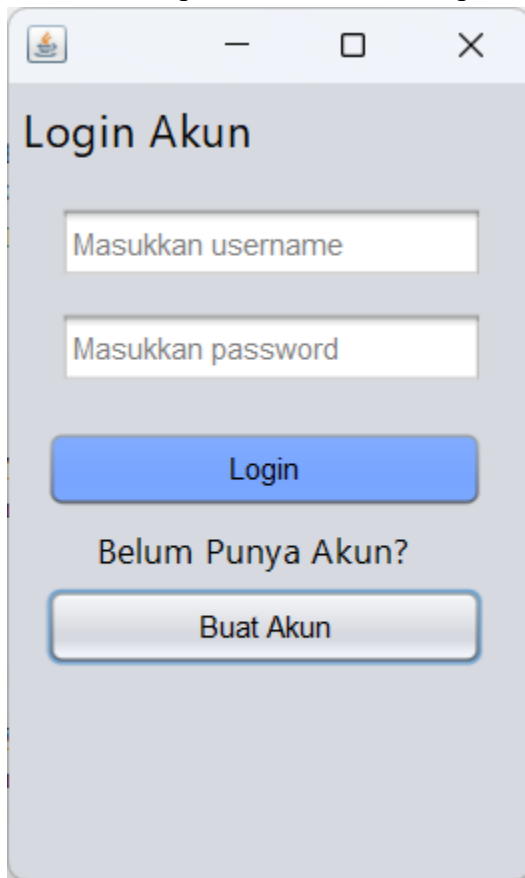
## **Dosen Pengampu :**

**PROGRAM STUDI TEKNIK INFORMATIKA  
FAKULTAS TEKNOLOGI INFORMASI  
UNIVERSITAS ISLAM KALIMANTAN  
MUHAMMAD ARSYAD AL BANJARI  
BANJARMASIN  
2024**

## 1. TABLE MASTER

### A. Halaman Login

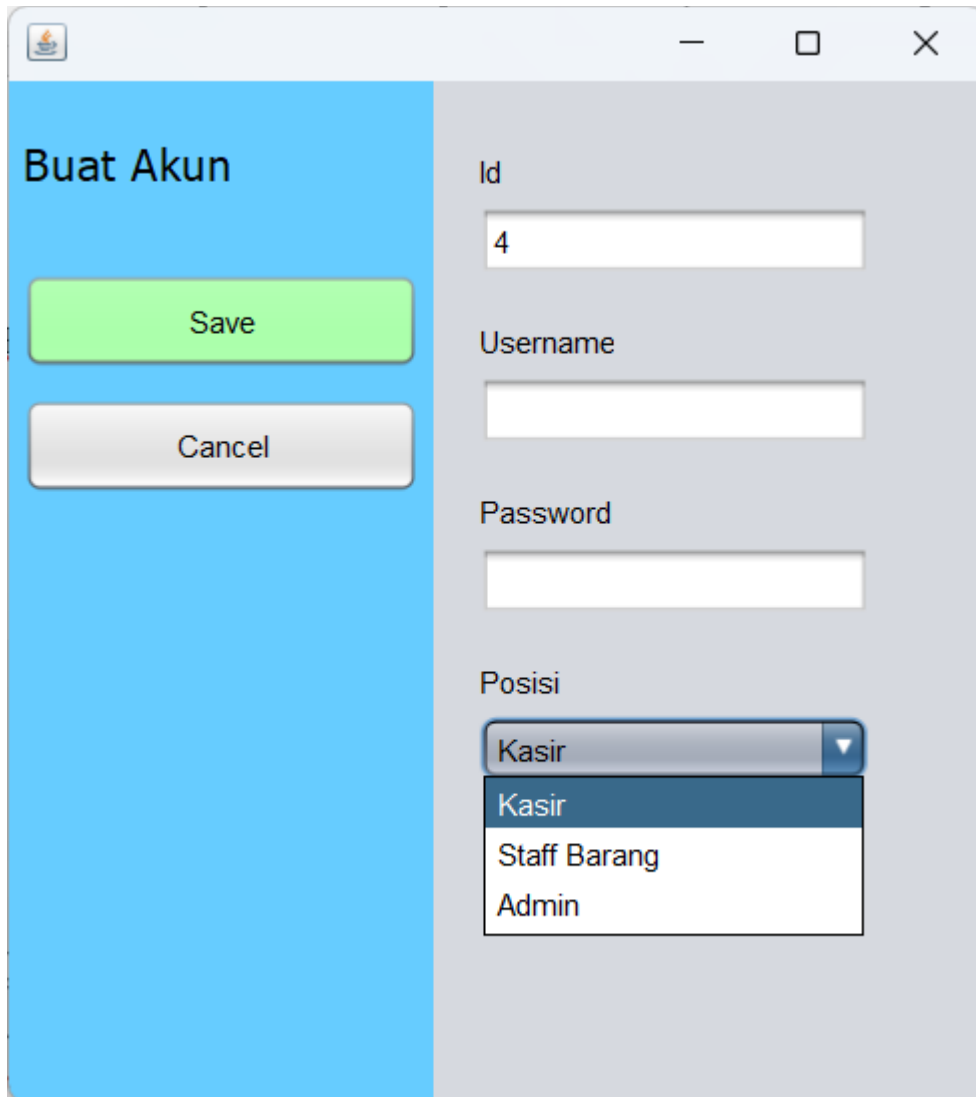
Untuk mendapatkan username dan passwordnya bisa buat akun dulu



The image shows a screenshot of a login window titled "Login Akun". The window has a standard Windows-style title bar with a minimize button, a maximize button, and a close button. Inside the window, there are two text input fields: the first is labeled "Masukkan username" and the second is labeled "Masukkan password". Below these fields is a blue button labeled "Login". Underneath the "Login" button is the text "Belum Punya Akun?". At the bottom of the window is a light gray button labeled "Buat Akun".

**B. Halaman Buat Akun**

Text field username dan password bebas diisi, Posisi untuk menentukan posisi dari akun yang di buat



The screenshot shows a 'Buat Akun' (Create Account) window. On the left, a blue sidebar contains the title 'Buat Akun' and two buttons: 'Save' (green) and 'Cancel' (gray). The main area is light gray and contains four form fields: 'Id' (text field with '4'), 'Username' (text field), 'Password' (text field), and 'Posisi' (dropdown menu). The 'Posisi' dropdown is open, showing three options: 'Kasir' (selected), 'Staff Barang', and 'Admin'.

### C. Halaman Data Karyawan

Jika login dengan akun yang memiliki posisi Admin maka akan menampilkan tabel Karyawan dan Gaji Karyawan

The screenshot shows a web application window titled "Data Karyawan". On the left is a blue sidebar with several buttons: "Insert" (green), "Edit" (yellow), "Delete" (red), "Reset" (purple), "Gaji Karyawan" (orange), and "Close" (grey). The main area is light grey and contains a search bar labeled "Cari Karyawan" with a "Cari" button. Below the search bar is a table with 6 columns: "Id", "Nama Karyawan", "Posisi", "Nomor Telpn", "Alamat", and "Email". The table contains 4 rows of data.

Id	Nama Karyawan	Posisi	Nomor Telpn	Alamat	Email
1	Bimo	Kasir	0812131	Cempakir Abizz	b1modp@gmail.com
2	Keisya	Admin	0812131	Banjarbau	keiisyyaa@gmail.com
3	Fadil	Staff Barang	0812312131	Martapura	fedildibedil@gmail.com
4	Lopanido	Kasir	0812312131	Jakarta Keras	leponido@gmail.com

### D. Tambah Data Karyawan

The screenshot shows a web application window titled "Tambah Data Karyawan". On the left is a blue sidebar with two buttons: "Save" (green) and "Cancel" (grey). The main area is light grey and contains a form with the following fields: "Id" (text input), "Nama Karyawan" (text input), "Posisi" (dropdown menu with "Kasir" selected), "Nomor Telpn" (text input), "Alamat" (text input), and "Email" (text input).

## E. Ubah Data Karyawan

**Data Karyawan**

Insert

Edit

Delete

Reset

Gaji Karyawan

Close

**Tambah Data Karyawan**

Save

Cancel

Id: 4

Nama Karyawan: Lopanido

Posisi: Kasir

Nomor Telpn: 0812312131

Alamat: Jakarta Keras

Email: leponido@gmail.com

Id	Nama K	Posisi	Nomor Telpn	Alamat	Email
1	Bimo	Kasir	0812131	Cempakir Abizz	b1modp@gmail.com
2	Keisya	Admin	0812131	Banjarbau	keiisyyaa@gmail.com
3	Fadil	Staff Barang	0812312131	Martapura	fedidibedi@gmail.com
4	Lopanido	Kasir	0812312131	Banjarmasin	leponido@gmail.com

Setelah Alamat Pada Id 4 diubah menjadi Banjarmasin

**Data Karyawan**

Insert

Edit

Delete

Reset

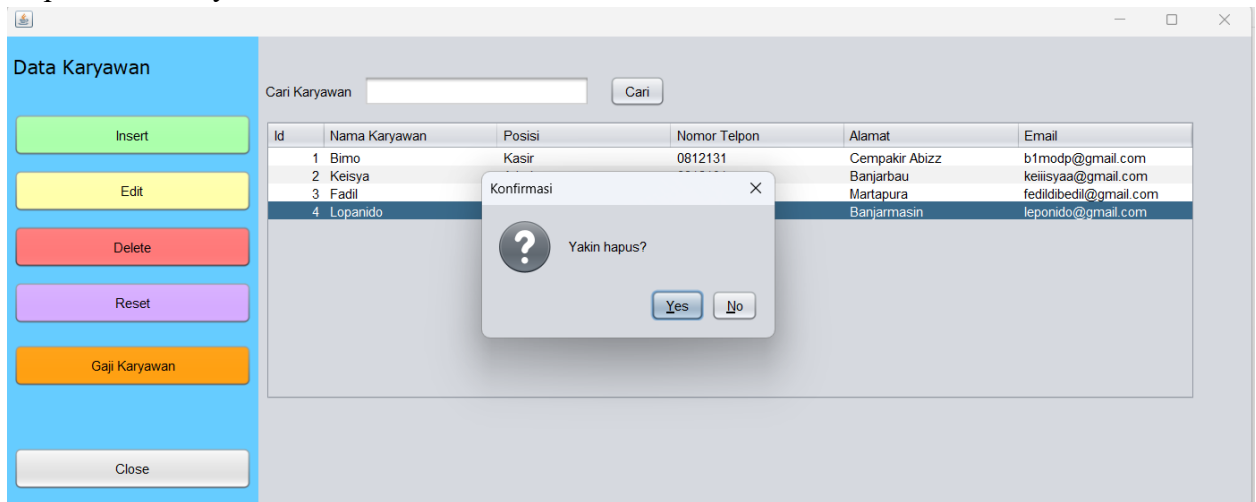
Gaji Karyawan

Close

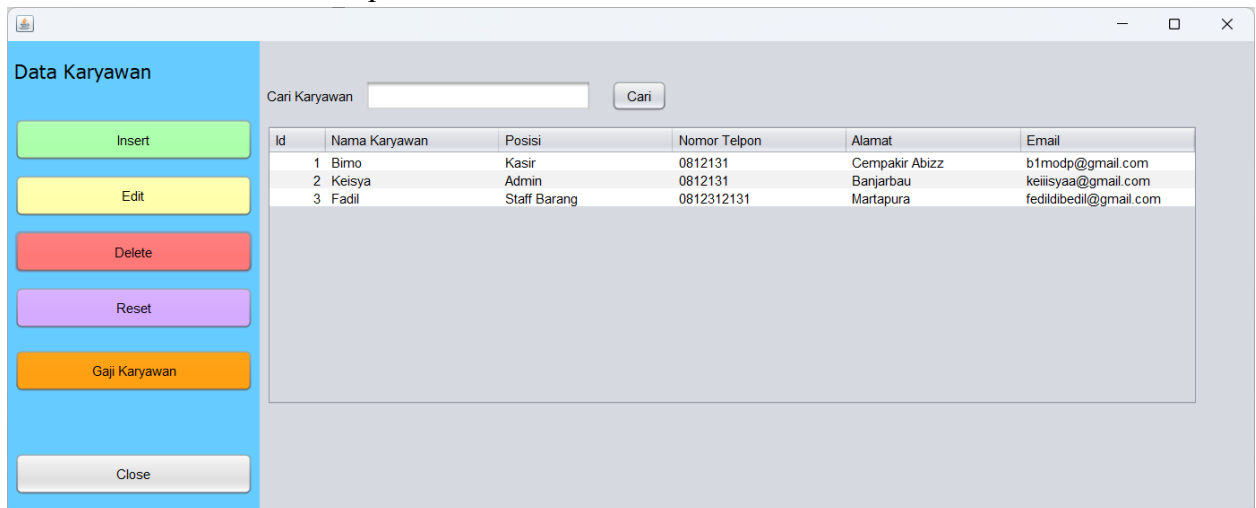
Cari Karyawan:  Cari

Id	Nama Karyawan	Posisi	Nomor Telpn	Alamat	Email
1	Bimo	Kasir	0812131	Cempakir Abizz	b1modp@gmail.com
2	Keisya	Admin	0812131	Banjarbau	keiisyyaa@gmail.com
3	Fadil	Staff Barang	0812312131	Martapura	fedidibedi@gmail.com
4	Lopanido	Kasir	0812312131	Banjarmasin	leponido@gmail.com

## F. Hapus Data Karyawan



## Setelah Data Pada Id 4 Dihapus



## G. Cari Data Karyawan

Data Karyawan

Insert

Edit

Delete

Reset

Gaji Karyawan

Close

Cari Karyawan

Cari

Id	Nama Karyawan	Posisi	Nomor Telpn	Alamat	Email
1	Bimo	Kasir	0812131	Cempakir Abizz	b1modp@gmail.com

## H. Halaman Data Gaji Karyawan

Data Gaji Karyawan

Insert

Edit

Delete

Reset

Close

Cari Data

Id	Nama Karyawan	Posisi	Gaji Perjam	Jam Kerja	Gaji Perbulan
1	Bimo	Kasir	100000.00	80	8000000.00
7	Keisya	Admin	150000.00	80	12000000.00
8	Fadil	Staff Barang	125000.00	100	12500000.00

## I. Tambah Data Gaji Karyawan

Nama Karyawan dan Posisi diambil dari Tabel Karyawan, Gaji Perjam menyesuaikan dari posisi, Gaji Perbulan mengkalikan dari Gaji Perjam dengan Jam Kerja Perbulan yang diinput

The screenshot displays a web application interface for managing employee salary data. A modal window titled "Tambah Data Gaji Karyawan" is open, allowing for the addition of new salary records. The modal contains the following fields:

- Id**: A text input field.
- Nama Karyawan Dan Posisi**: A dropdown menu currently showing "Bimo - Kasir".
- Gaji Perjam**: A text input field with the value "100000".
- Jam Kerja Perbulan**: A text input field with the value "180".
- Gaji Perbulan**: A text input field showing the calculated value "18000000.00".

The modal also features a green "Save" button and a grey "Cancel" button. In the background, the main application window is visible, showing a sidebar with the title "Data Gaji Karyawan" and buttons for "Insert", "Edit", "Delete", and "Reset". A table of employee data is also visible, with columns for "Id" and "Nama Karyawan".

Id	Nama Karyawan
1	Bimo
7	Keisya
8	Fadil

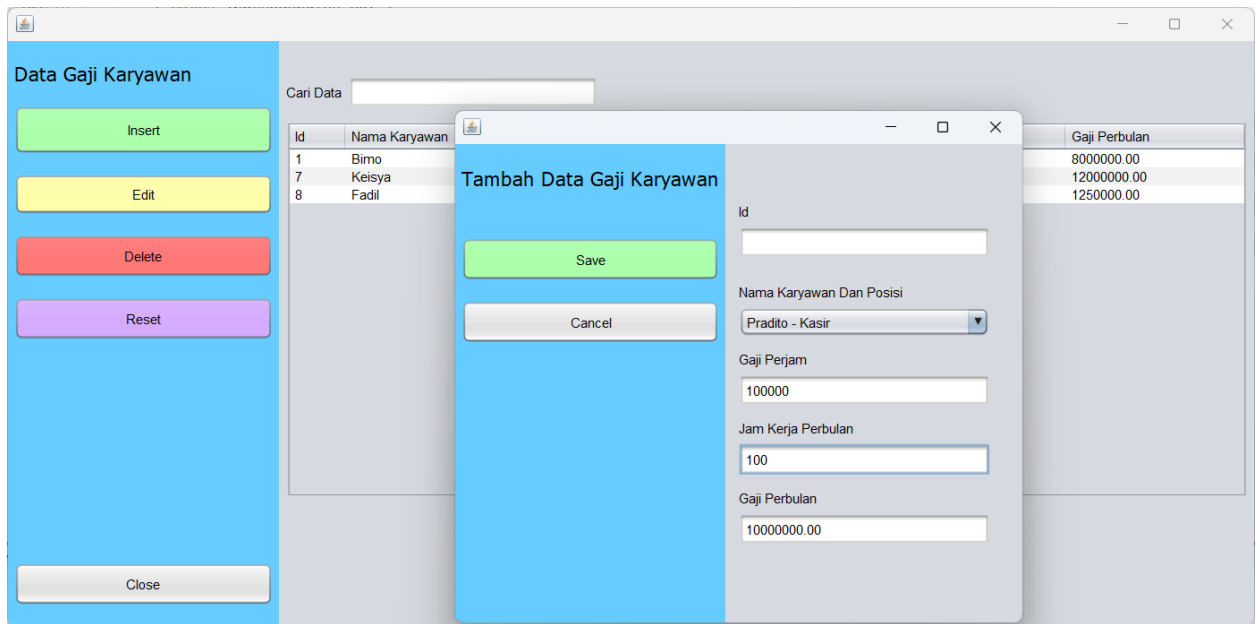
Gaji Perbulan
8000000.00
12000000.00
12500000.00



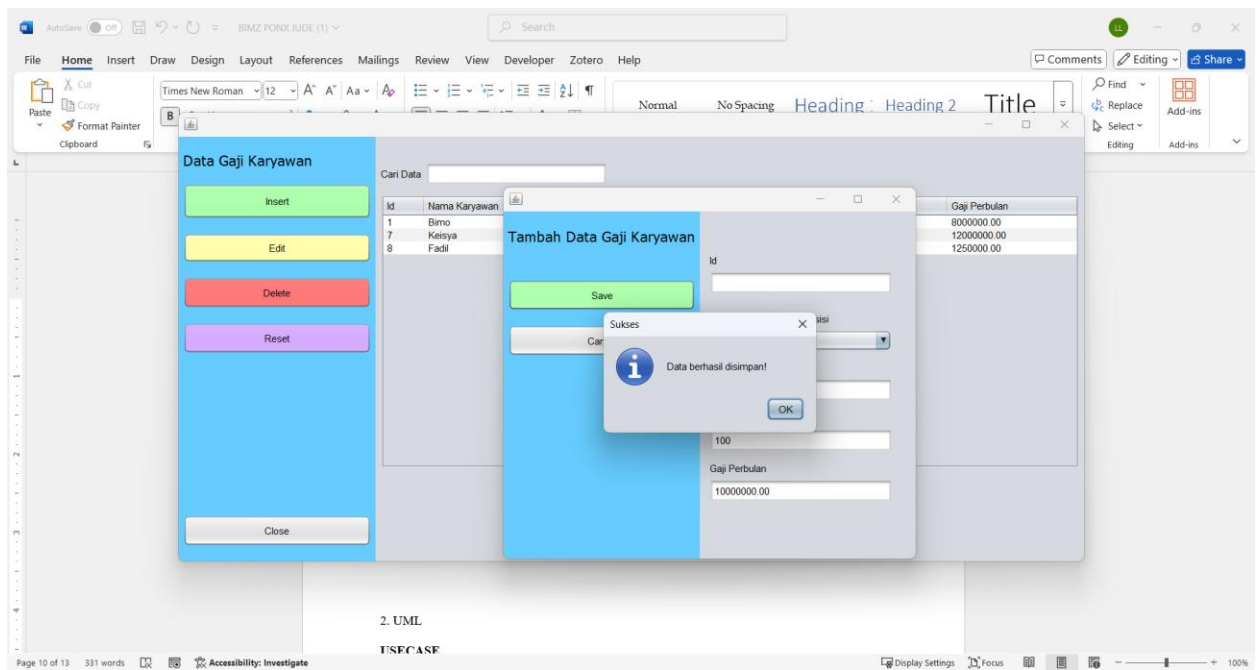
The screenshot displays a web application interface for managing employee salaries. A modal window titled "Tambah Data Gaji Karyawan" is open, allowing for the addition of new salary data. The modal includes a search bar "Cari Data" and a table listing employees: Bimo, Keisya, and Fadil. The modal form contains the following fields:

- Id:** A text input field.
- Nama Karyawan Dan Posisi:** A dropdown menu currently showing "Fadil - Staff Barang".
- Gaji Perjam:** A text input field with the value "125000".
- Jam Kerja Perbulan:** A text input field with the value "180".
- Gaji Perbulan:** A text input field with the value "22500000.00".

Below the form are "Save" and "Cancel" buttons. The background page, titled "Data Gaji Karyawan", features a sidebar with buttons for "Insert", "Edit", "Delete", and "Reset", and a "Close" button at the bottom. The main content area shows a table with employee data and a "Gaji Perbulan" table with values: 8000000.00, 12000000.00, and 12500000.00.



Setelah Data Berhasil Ditambahkan



Data Gaji Karyawan

Insert

Edit

Delete

Reset

Close

Cari Data

Id	Nama Karyawan	Posisi	Gaji Perjam	Jam Kerja	Gaji Perbulan
1	Bimo	Kasir	100000.00	80	8000000.00
7	Keisya	Admin	150000.00	80	12000000.00
8	Fadil	Staff Barang	125000.00	10	1250000.00
9	Pradito	Kasir	100000.00	100	10000000.00

## J. Ubah Data Gaji Karyawan

Data Gaji Karyawan

Insert

Edit

Delete

Reset

Close

Cari Data

Id	Nama Karyawan	Posisi	Gaji Perjam	Jam Kerja	Gaji Perbulan
1	Bimo	Kasir	100000.00	80	8000000.00
7	Keisya	Admin	150000.00	80	12000000.00
8	Fadil	Staff Barang	125000.00	10	1250000.00
9	Pradito	Kasir	100000.00	100	10000000.00

Tambah Data Gaji Karyawan

Save

Cancel

Id

9

Nama Karyawan Dan Posisi

Pradito - Kasir

Gaji Perjam

100000.00

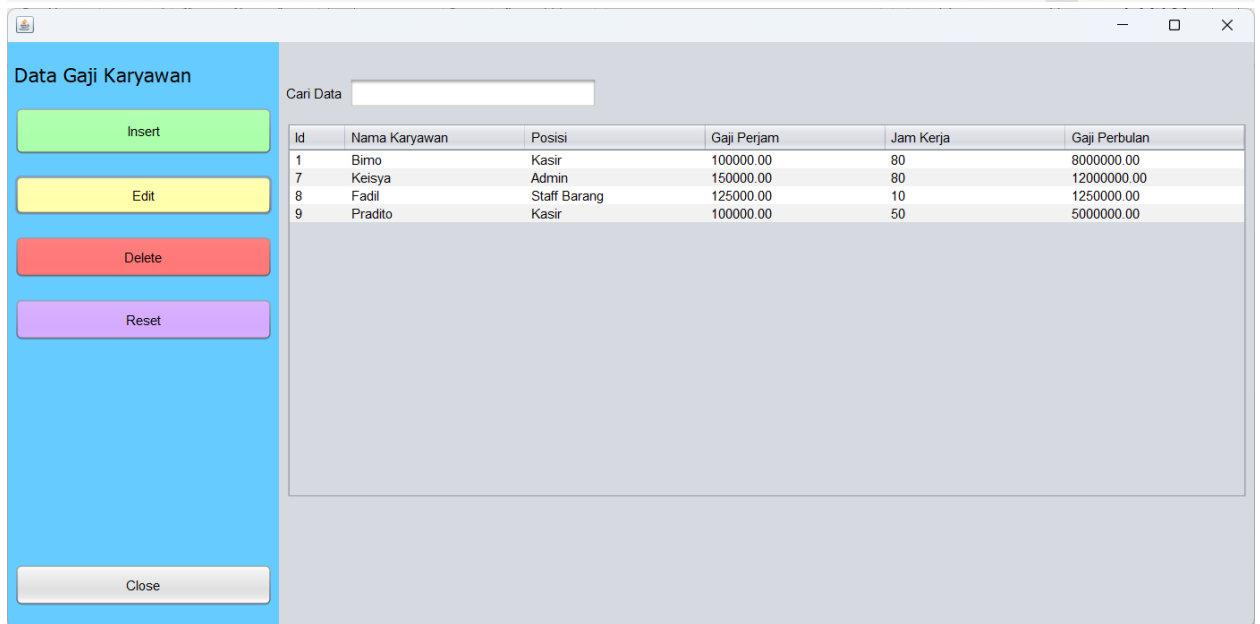
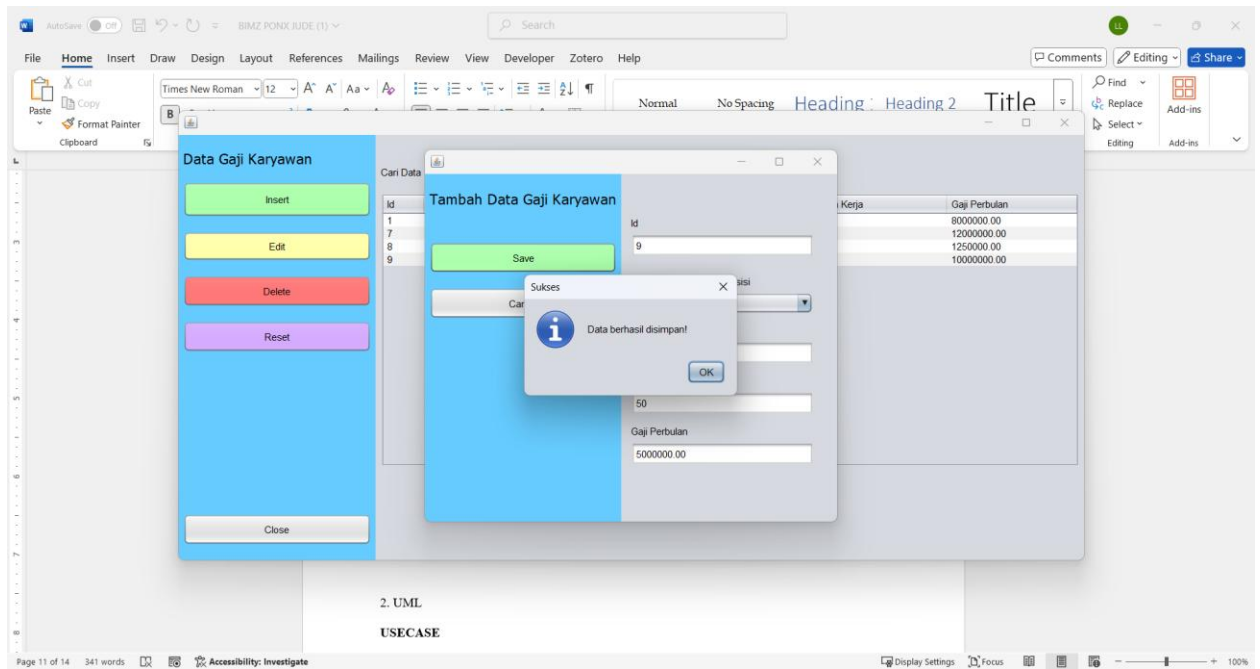
Jam Kerja Perbulan

50

Gaji Perbulan

5000000.00

## Setelah Data Gaji Karyawan Berhasil Diubah



## K. Hapus Data Gaji Karyawan

Data Gaji Karyawan

Insert

Edit

Delete

Reset

Close

Cari Data

Id	Nama Karyawan	Posisi	Gaji Perjam	Jam Kerja	Gaji Perbulan
1	Bimo	Kasir	100000.00	80	8000000.00
7	Keisya	Admin	150000.00	80	12000000.00
8	Fadil	Staff Barang	125000.00	10	1250000.00
9	Pradito	Kasir	100000.00	50	5000000.00

Konfirmasi  
? Yakin hapus?  
Yes No

Data Gaji Karyawan

Insert

Edit

Delete

Reset

Close

Cari Data

Id	Nama Karyawan	Posisi	Gaji Perjam	Jam Kerja	Gaji Perbulan
1	Bimo	Kasir	100000.00	80	8000000.00
7	Keisya	Admin	150000.00	80	12000000.00
8	Fadil	Staff Barang	125000.00	10	1250000.00

## L. Cari Data Karyawan

**Data Gaji Karyawan**

Insert

Edit

Delete

Reset

Close

Cari Data:

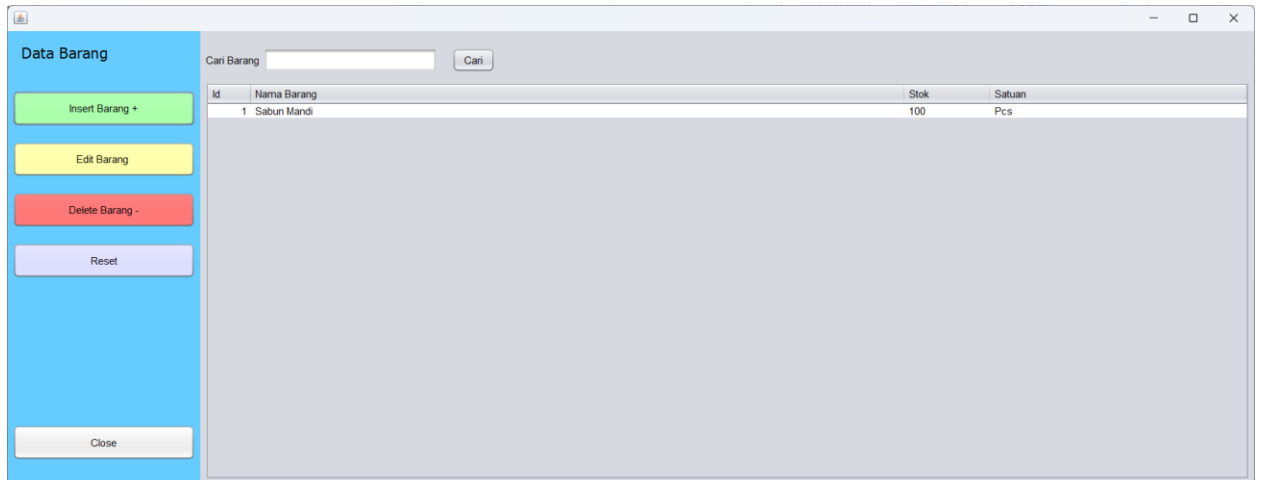
Id	Nama Karyawan	Posisi	Gaji Perjam	Jam Kerja	Gaji Perbulan
1	Bimo	Kasir	100000.00	80	8000000.00

## M. Halaman Data Barang

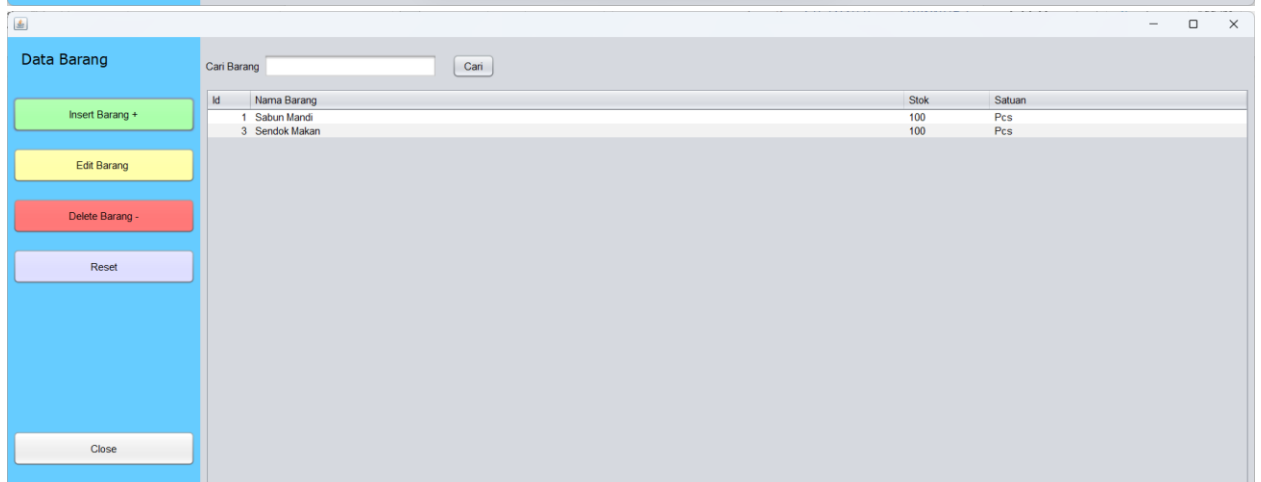
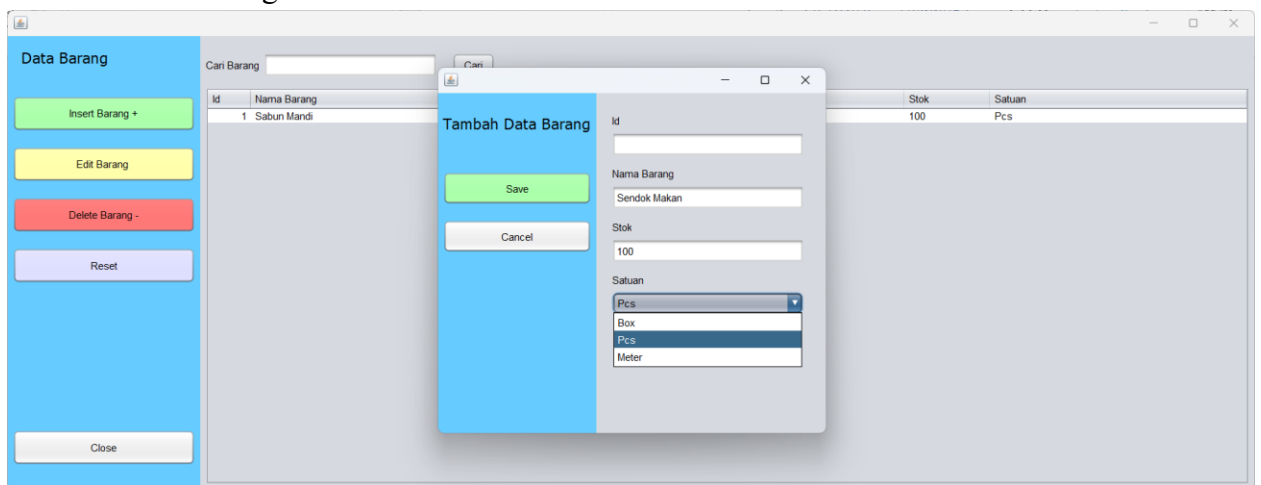
Jika login dengan akun yang posisinya Staff Barang maka akan masuk ke halaman Data Barang

**Login Akun**

Belum Punya Akun?



## N. Tambah Data Barang



## O. Ubah Data Barang

The screenshot shows the 'Data Barang' application window. On the left is a sidebar with buttons: 'Insert Barang +', 'Edit Barang', 'Delete Barang -', 'Reset', and 'Close'. The main area has a search bar labeled 'Cari Barang' with a 'Cari' button. Below the search bar is a table with columns 'Id', 'Nama Barang', 'Stok', and 'Satuan'. The table contains two rows: '1 Sabun Mandi' with '100' stock and 'Pcs' unit, and '3 Sendok Makan' with '100' stock and 'Pcs' unit. A modal window titled 'Tambah Data Barang' is open in the center. It has input fields for 'Id' (value: 3), 'Nama Barang' (value: Sendok Makan), 'Stok' (value: 5), and a dropdown for 'Satuan' (value: Box). The modal has 'Save' and 'Cancel' buttons.

Id	Nama Barang	Stok	Satuan
1	Sabun Mandi	100	Pcs
3	Sendok Makan	100	Pcs

Id	Nama Barang	Stok	Satuan
3	Sendok Makan	5	Box

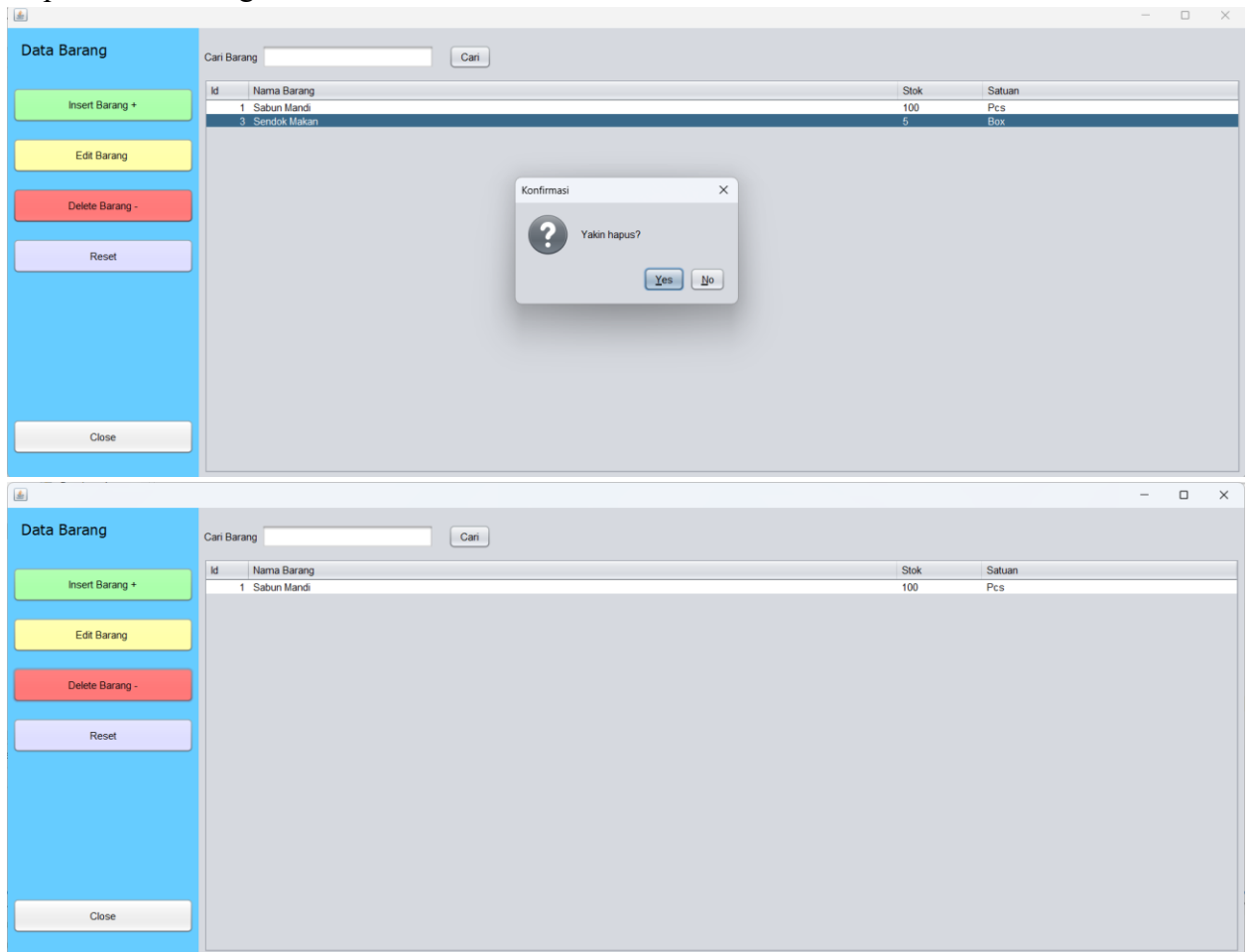
## P. Cari Data Barang

The screenshot shows the 'Data Barang' application window with the search bar filled with 'se' and the 'Cari' button clicked. The table now only displays the row for '3 Sendok Makan' with a stock of '5' and unit 'Box'. The sidebar and other UI elements remain the same.

Id	Nama Barang	Stok	Satuan
3	Sendok Makan	5	Box

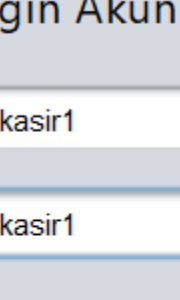


## Q. Hapus Data Barang



## R. Halaman Kasir

Jika login dengan akun yang posisinya Kasir maka akan masuk ke halaman Kasir




kasir1

kasir1


Login

Belum Punya Akun?


Buat Akun




0




0




0



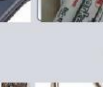
0



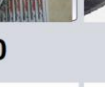
0




0



0



0



0

ID	Item	Qty	Price
----	------	-----	-------

Total : 00




Cash : 0




Balance : 00




Delete

Pay & Print

## S. Memilih Produk

ID	Item	Qty	Price
1	Pulpen Joyko	1	5000.00
2	Penggaris	1	8000.00
3	Selotip Kecil	1	3500.00
4	Kalkulator	1	35000.00
5	Spidol	1	11500.00
6	Gunting	1	15000.00
7	Buku Saku	1	15300.00
8	Paper Clip	1	2700.00
9	Kertas A4	1	50000.00

Toko ATK Poyubim  
Banjarbaru,  
+62 811713612

Item	Qty	Harga
Pulpen Joyko	1	5000.00
Penggaris	1	8000.00
Selotip Kecil	1	3500.00
Kalkulator	1	35000.00
Spidol	1	11500.00
Gunting	1	15000.00
Buku Saku	1	15300.00
Paper Clip	1	2700.00
Kertas A4	1	50000.00

Sub Total : 146000.00  
Cash : 0  
Kembalian : -146000.00

Terima Kasih. !

**Delete**




**Total : 146000.00**


**Cash : 0**

**Balance : -146000.00**




**Pay & Print**

## T. Pembayaran dan Struk





ID	Item	Qty	Price
1	Pulpen Joyko	1	5000.00
2	Penggaris	1	8000.00
3	Selotip Kecil	1	3500.00
4	Kalkulator	1	35000.00
5	Spidol	1	11500.00
6	Gunting	1	15000.00
7	Buku Saku	1	15300.00
8	Paper Clip	1	2700.00
9	Kertas A4	1	50000.00

Toko ATK Poyubim  
Banjarbaru,  
+62 811713612

Item	Qty	Harga
Pulpen Joyko	1	5000.00
Penggaris	1	8000.00
Selotip Kecil	1	3500.00
Kalkulator	1	35000.00
Spidol	1	11500.00
Gunting	1	15000.00
Buku Saku	1	15300.00
Paper Clip	1	2700.00
Kertas A4	1	50000.00

Sub Total : 146000.00  
Cash : 150000  
Kembalian : 4000.00

Terima Kasih. !

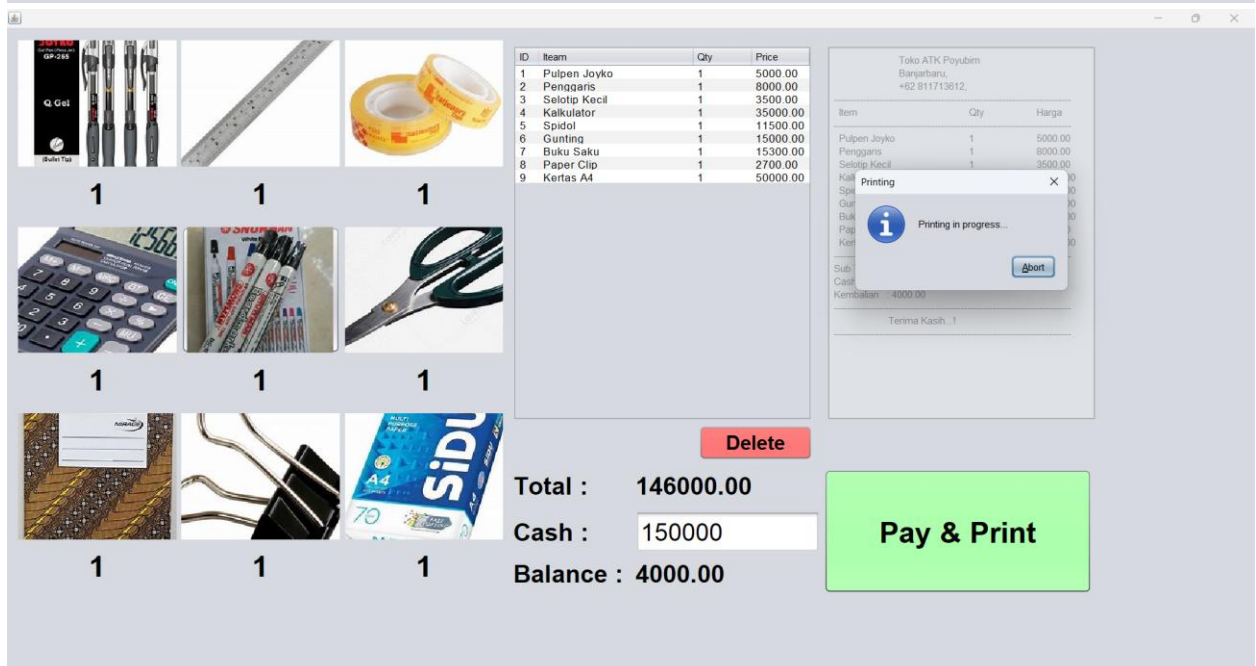
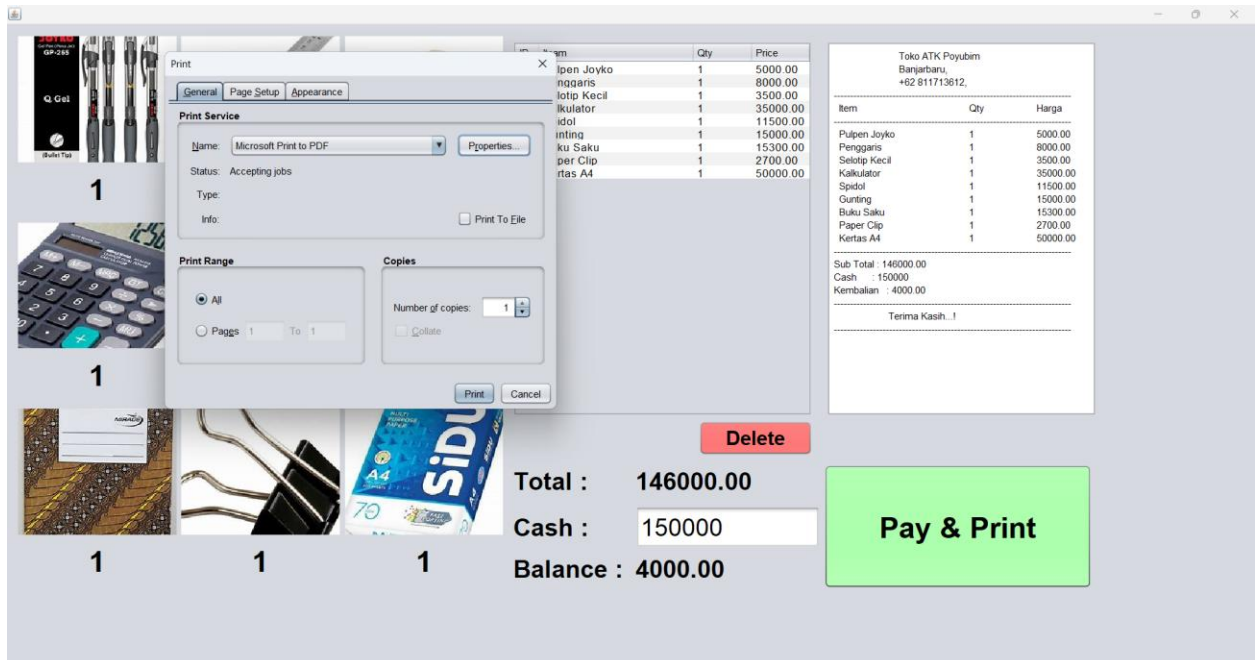
**Delete**

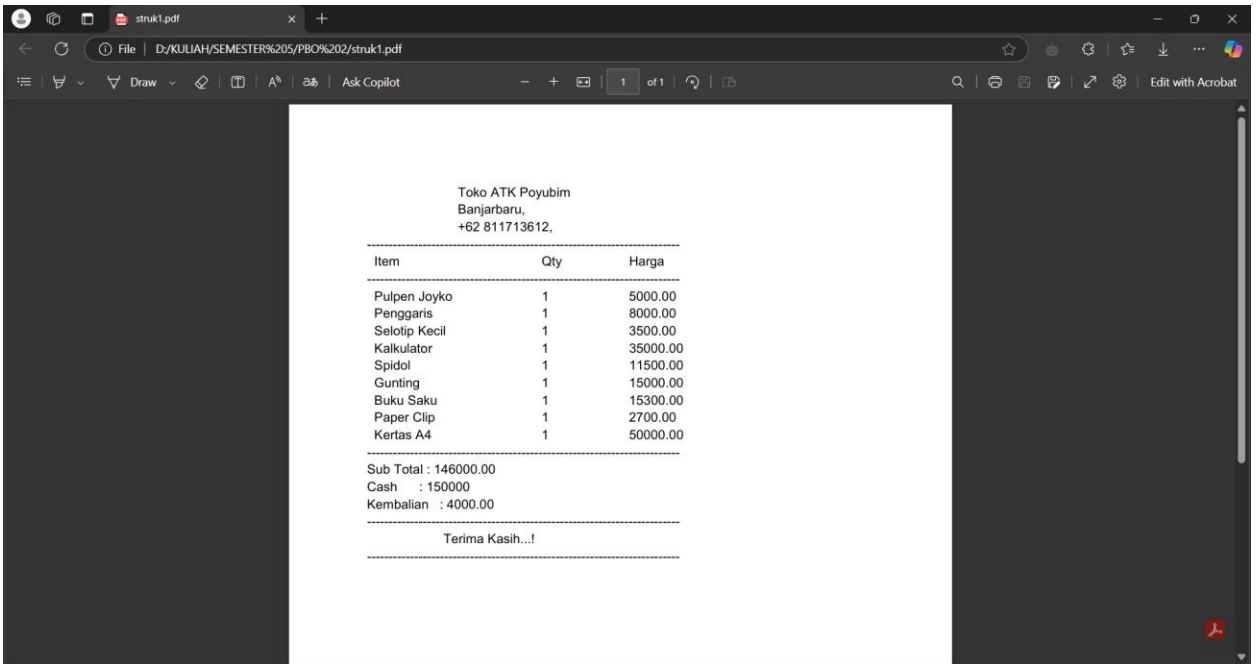
**Total : 146000.00**

**Cash : 150000**

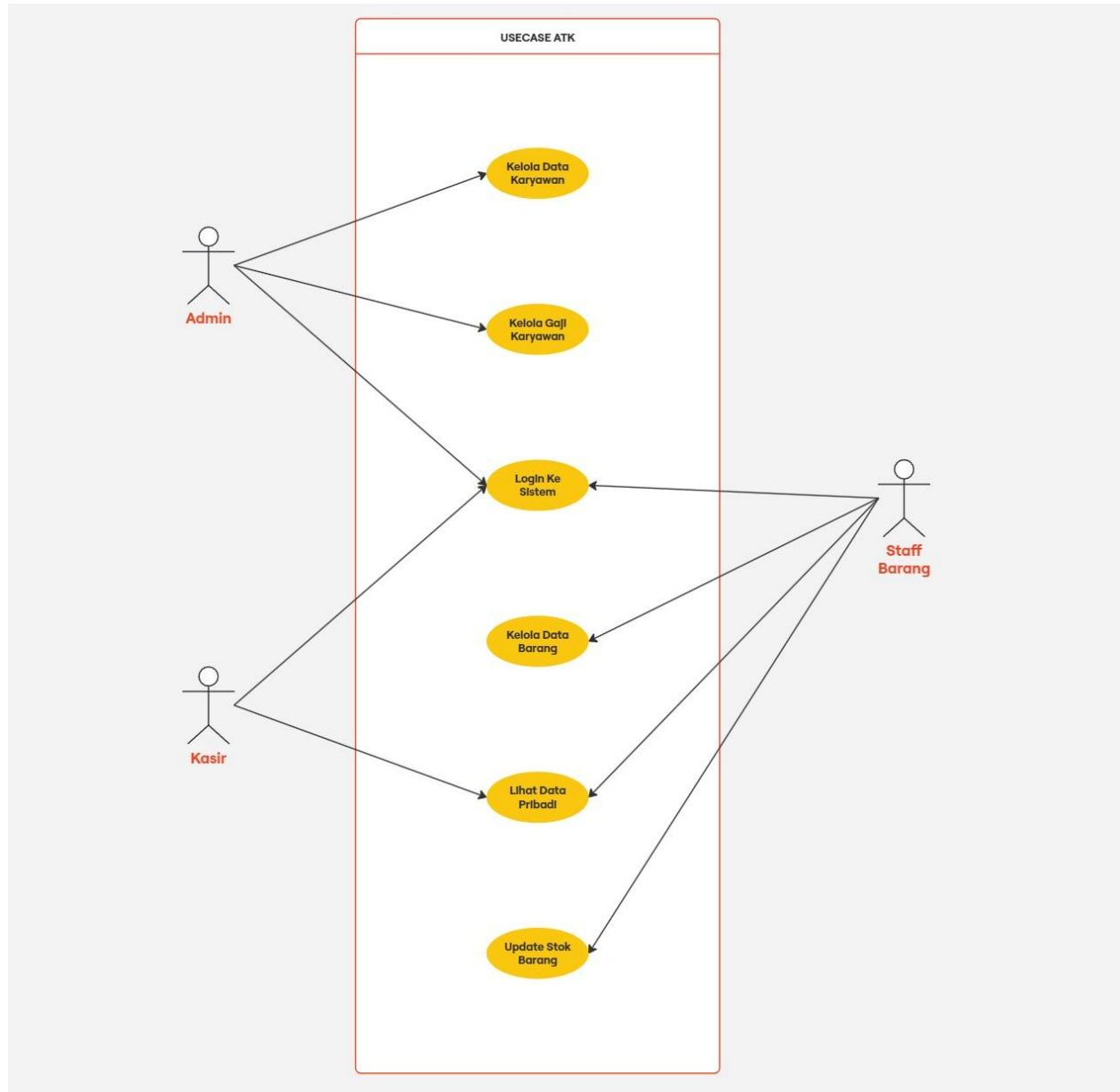
**Balance : 4000.00**

**Pay & Print**



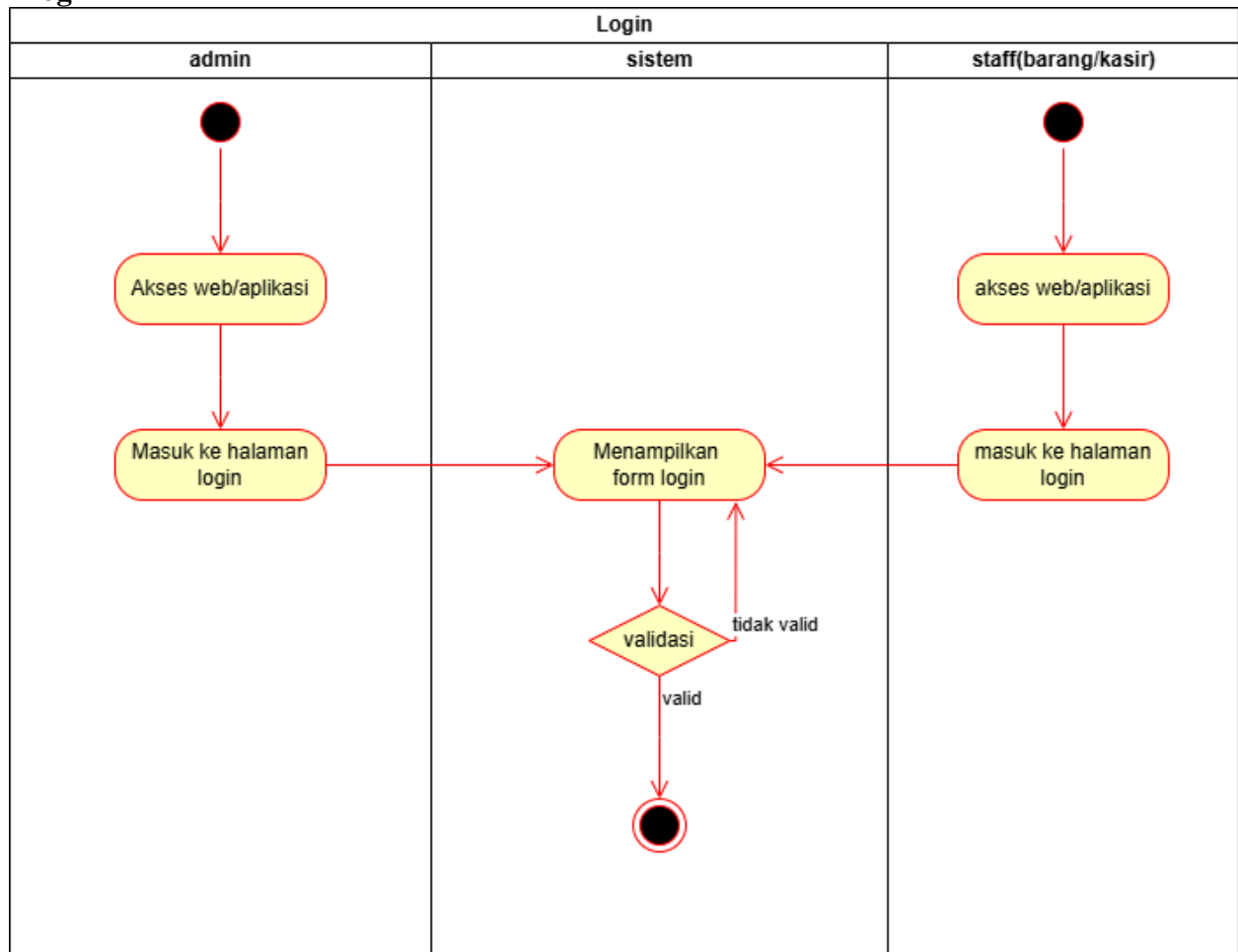


## 2. UML USECASE

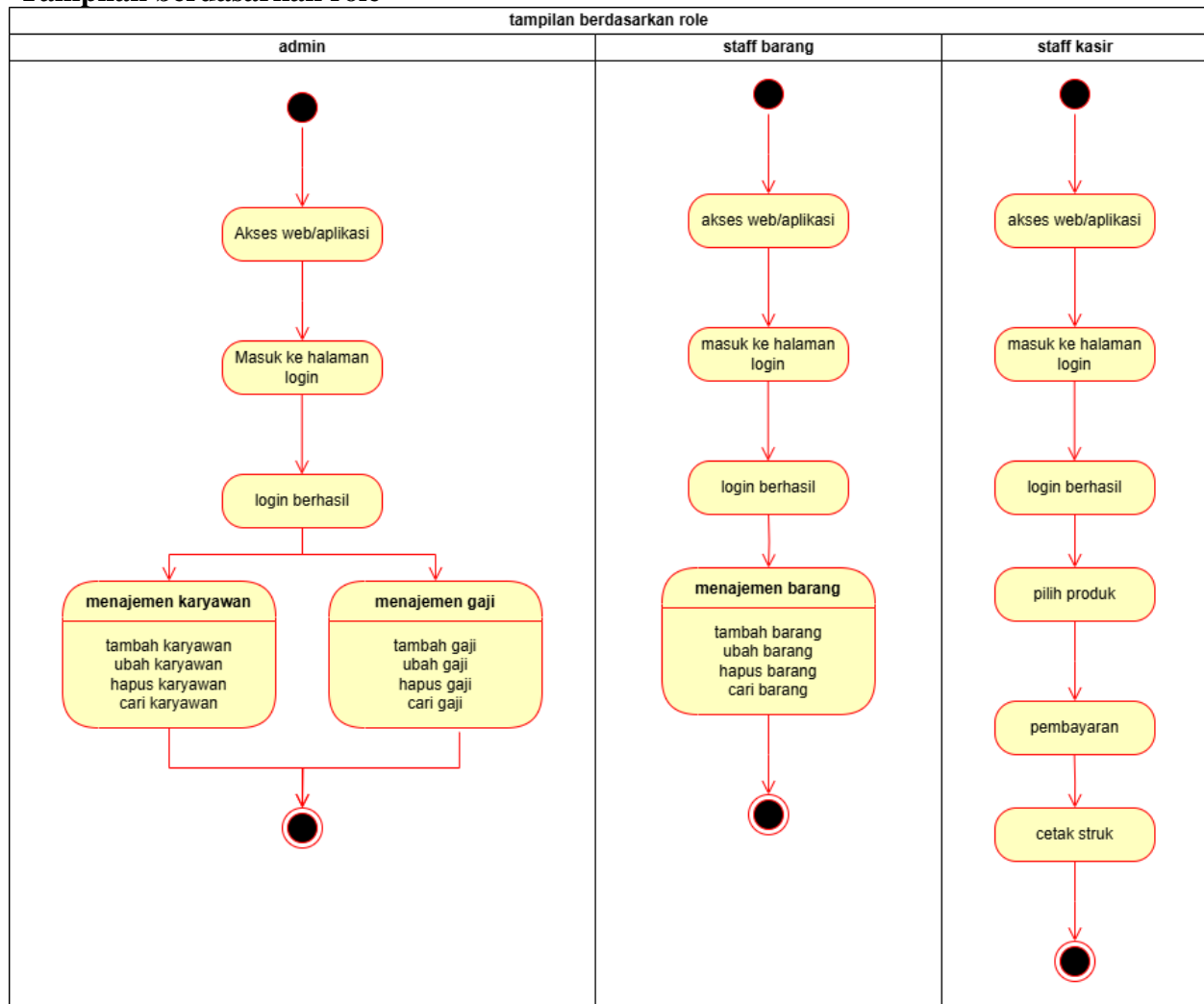


## ACTIVITY

### -Login



## -Tampilan berdasarkan role

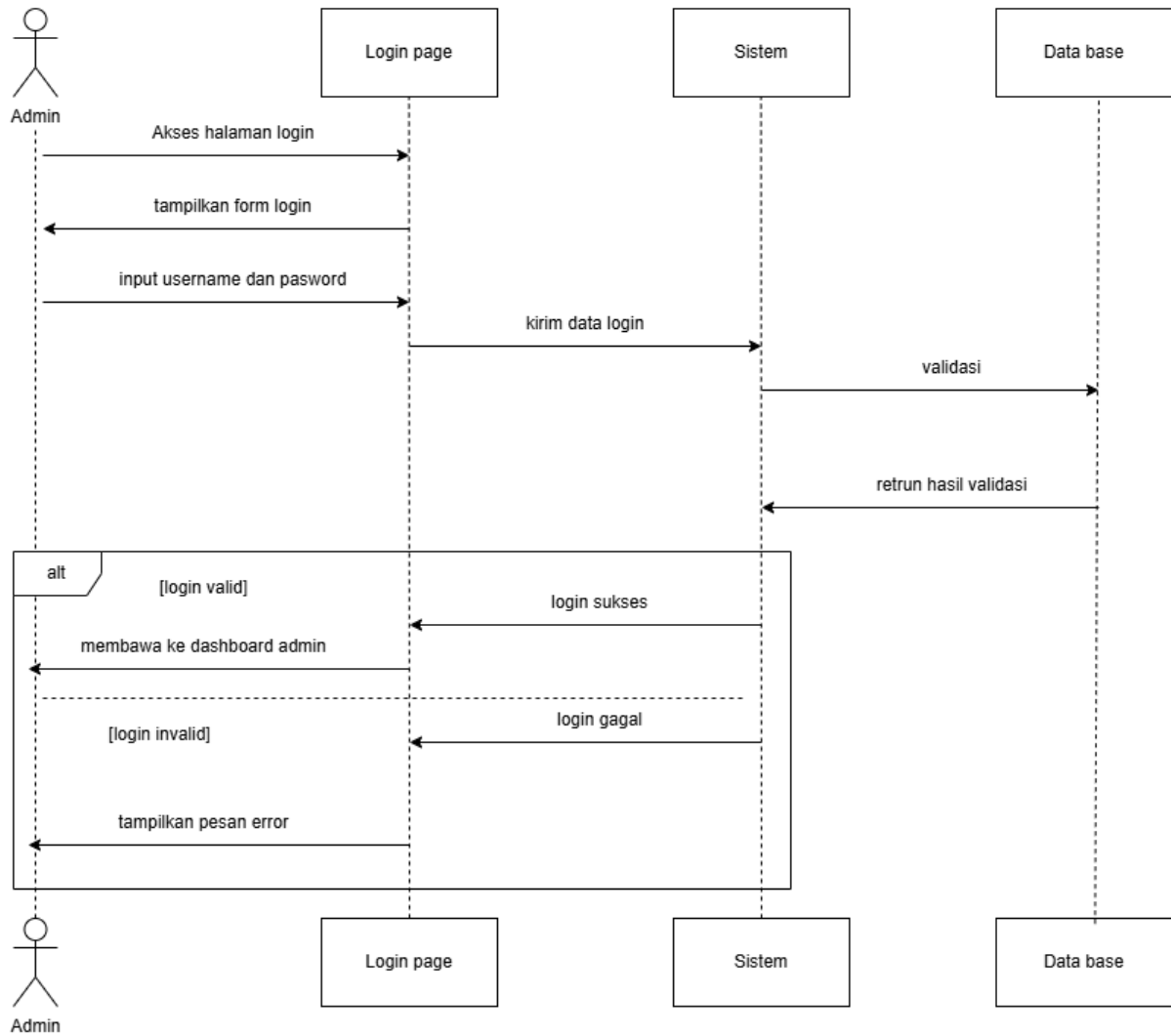




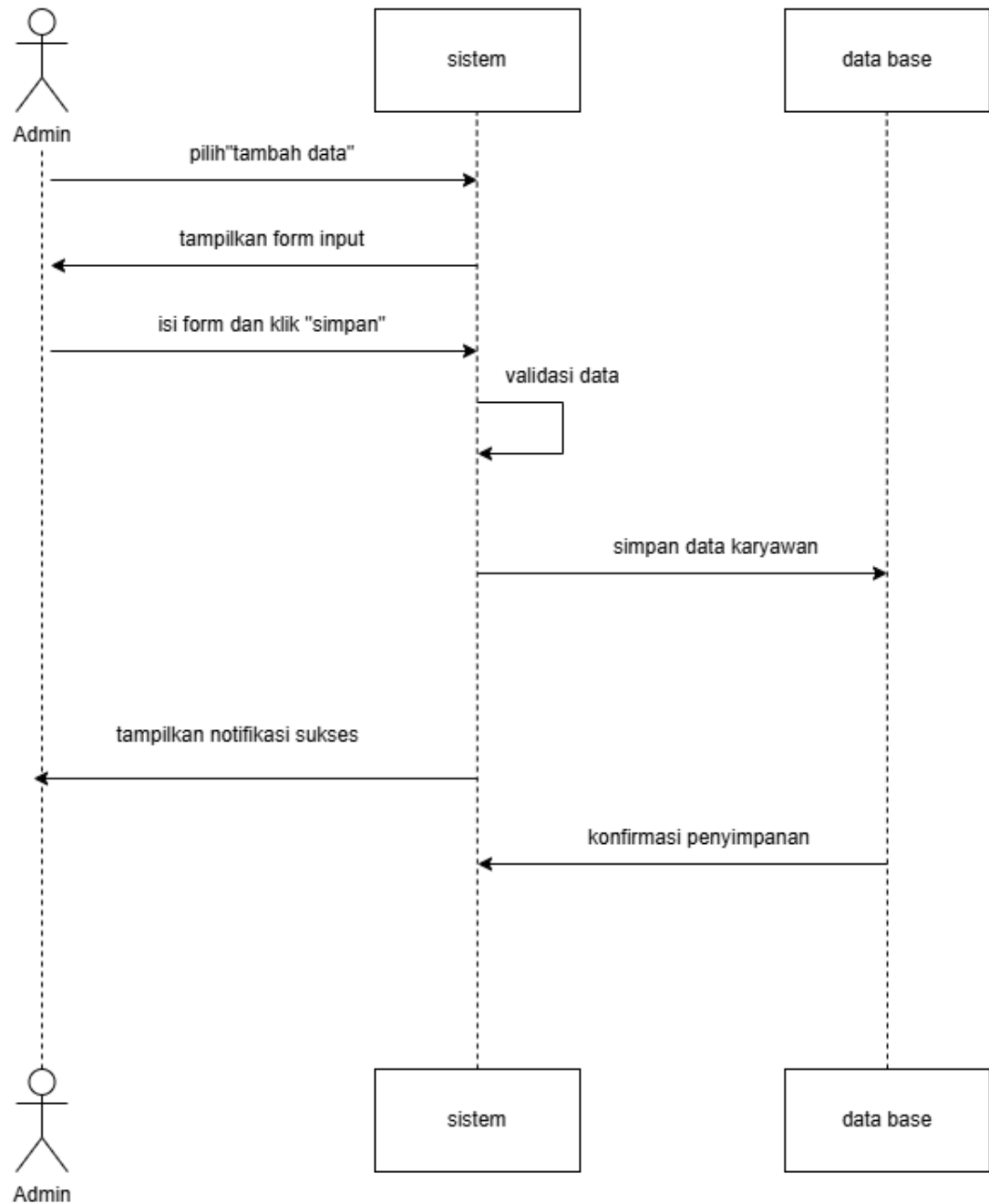
## SEQUENCE

### -proses login

proses login

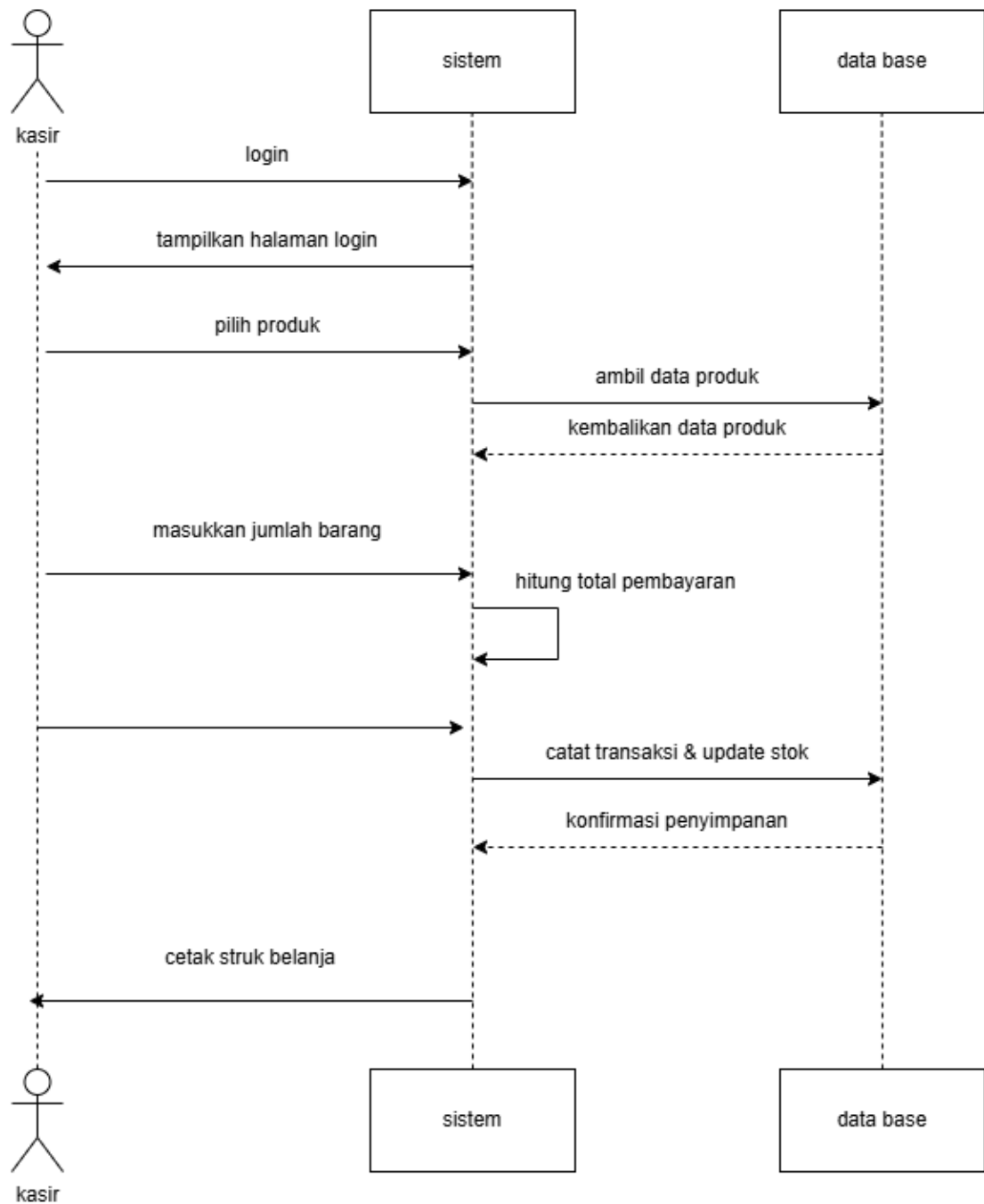


-Tambah data karyawan  
tambah data karyawan



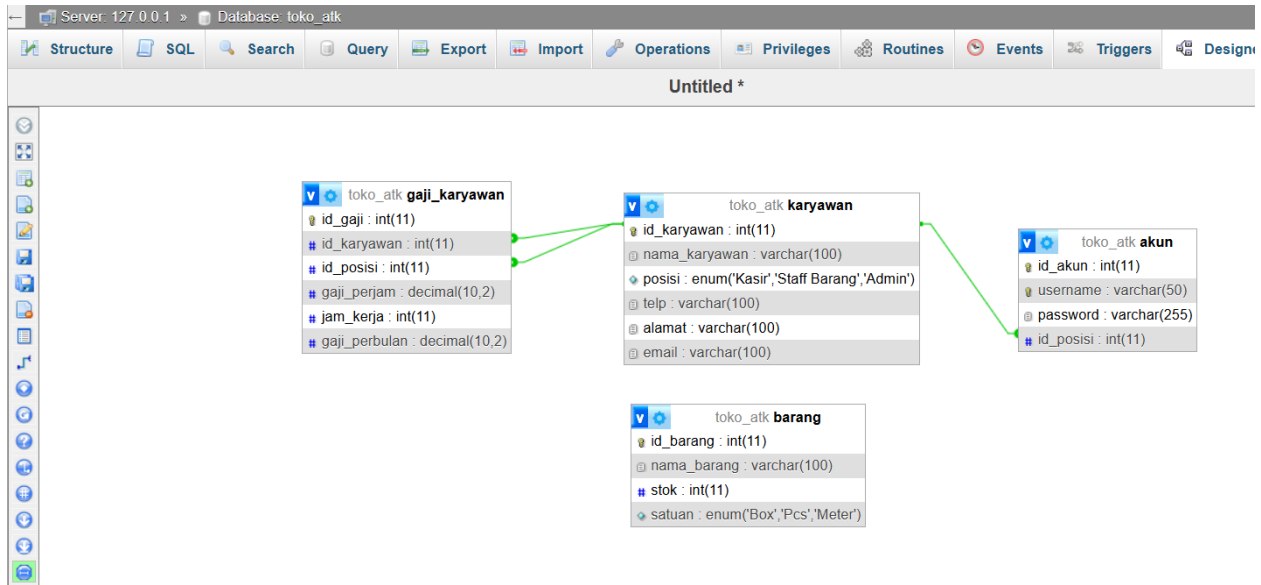
-proses kasir

## proses kasir



### 3. DATABASE

#### DIAGRAM RELASI



## KAMUS DATA

### 1. Table\_Karyawan

No	Field Name	Type	Width	Keterangan
1	id_karyawan	Int	11	Id tabel Karyawan
2	nama_karyawan	Varchar	100	Nama Karyawan
3	posisi	Enum	-	Jobdesk Karyawan (Kasir, Staff Barang, Admin)
4	telp	Varchar	100	No Telepon Karyawan
5	alamat	Varchar	100	Alamat Karyawan
6	email	Varchar	100	Email Karyawan

### 2. Gaji\_Karyawan

No	Field Name	Type	Width	Keterangan
1	id_gaji	Int	11	Id tabel Gaji Karyawan
2	id_karyawan	Int	11	Id Karyawan Terkait
3	id_posisi	Int	11	Id Posisi Terkait
4	gaji_perjam	Decimal	10,2	Gaji Per Jam Kerja
5	jam_kerja	Int	11	Total Jam Kerja Selama 1 Bulan
6	gaji_perbulan	Decimal	10,2	Total Gaji Bulanan

### 3. Table\_Barang

No	Field Name	Type	Width	Keterangan
1	id_barang	Int	11	Id tabel Barang
2	nama_barang	Varchar	100	Nama Barang
3	stok	Int	11	Jumlah Stok Barang
4	satuan	Enum	-	Satuan Barang (Box, Pcs, Meter)

#### 4. Table\_Akun

No	Field Name	Type	Width	Keterangan
1	id_akun	Int	11	Id tabel Akun
2	username	Varchar	50	Nama Pengguna
3	password	Enum	255	Katas Sandi Pengguna
4	id_posisi	Varchar	11	Id Posisi Pengguna