

**Laporan Tugas Akhir**  
**Perancangan Sistem Enterprise PT.Hangkilah**



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**Program Studi Informatika**  
**Fakultas Komunikasi dan Informatika**  
**Universitas Muhammadiyah Surakarta**  
**2020**

## Daftar isi

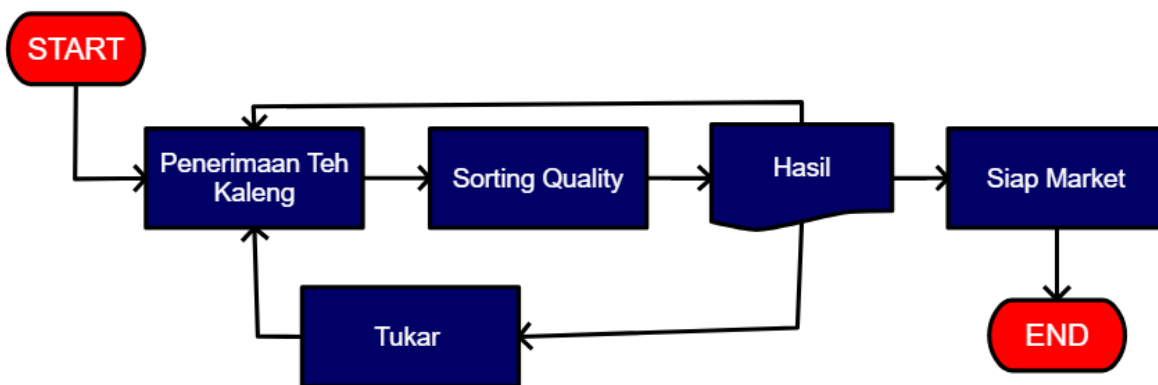
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## 1. Deskripsi Singkat Sistem Enterprise PT.Hangkilah

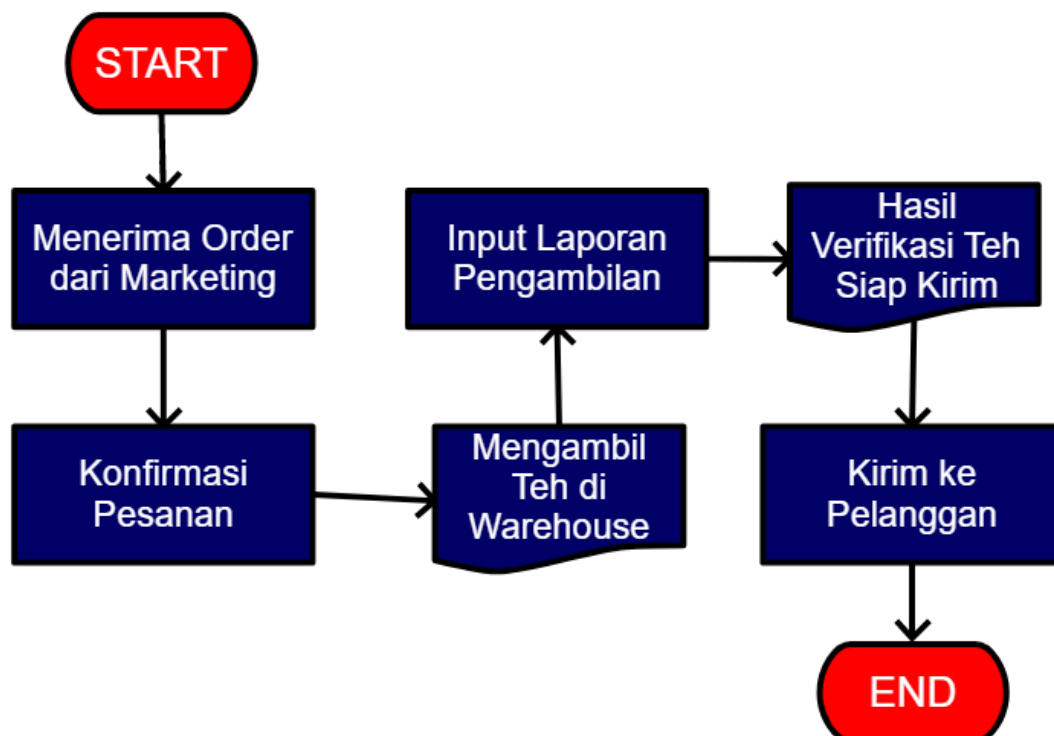
Perancangan Sistem Enterprise PT.Hangkilah ini di Rancang menggunakan bahasa pemrograman PHP, Javascript, HTML, CSS dan Pada Rancangan Database menggunakan bahasa pemrograman MySQL, sistem Enterprise PT.Hangkilah mempunyai 10 Sub System yaitu Marketing, Sales, Purchasing, Inventory Control, Accounting, Production, Human Resource, Payrole, Document Management dan System Integration, yang Masing-masing Sub System mempunyai penggunaan fungsi yang berbeda-beda. Dalam hak untuk melakukan akses pada suatu bagian Sub System maka dibutuhkan Username dan Password sesuai dengan Sub System yang dikehendaki untuk diakses.

## 2. Desain Workflow Sub System

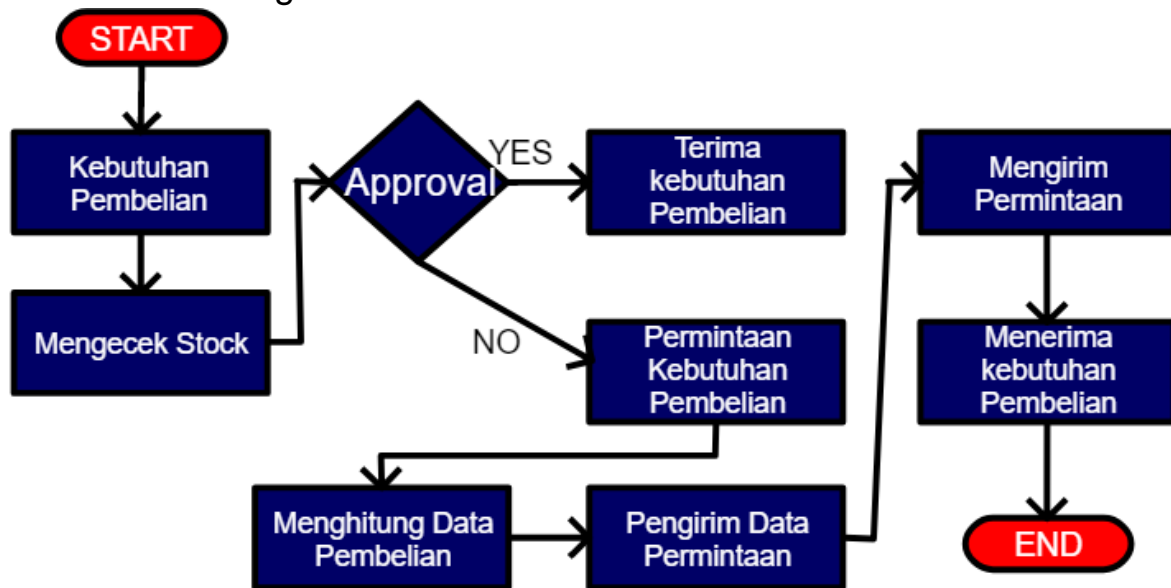
### 2.1. Marketing



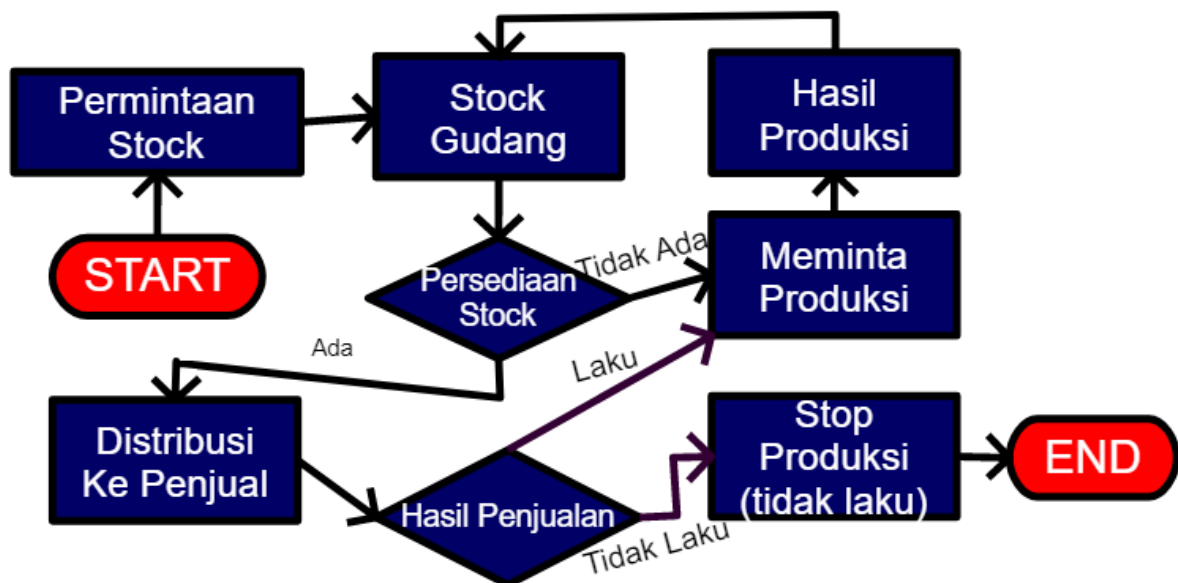
### 2.2. Sales



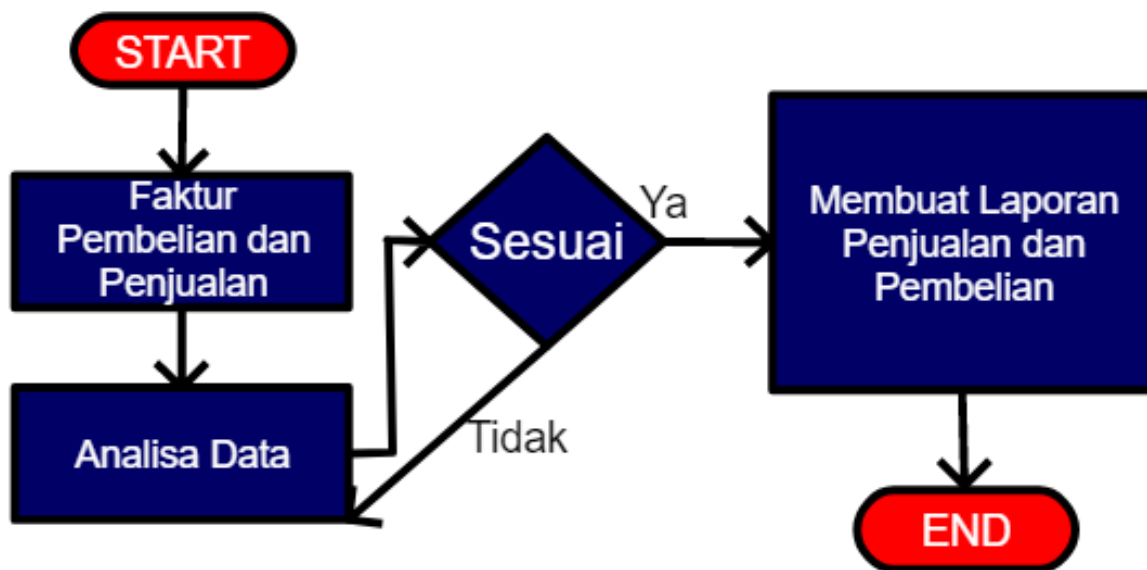
### 2.3. Purchasing



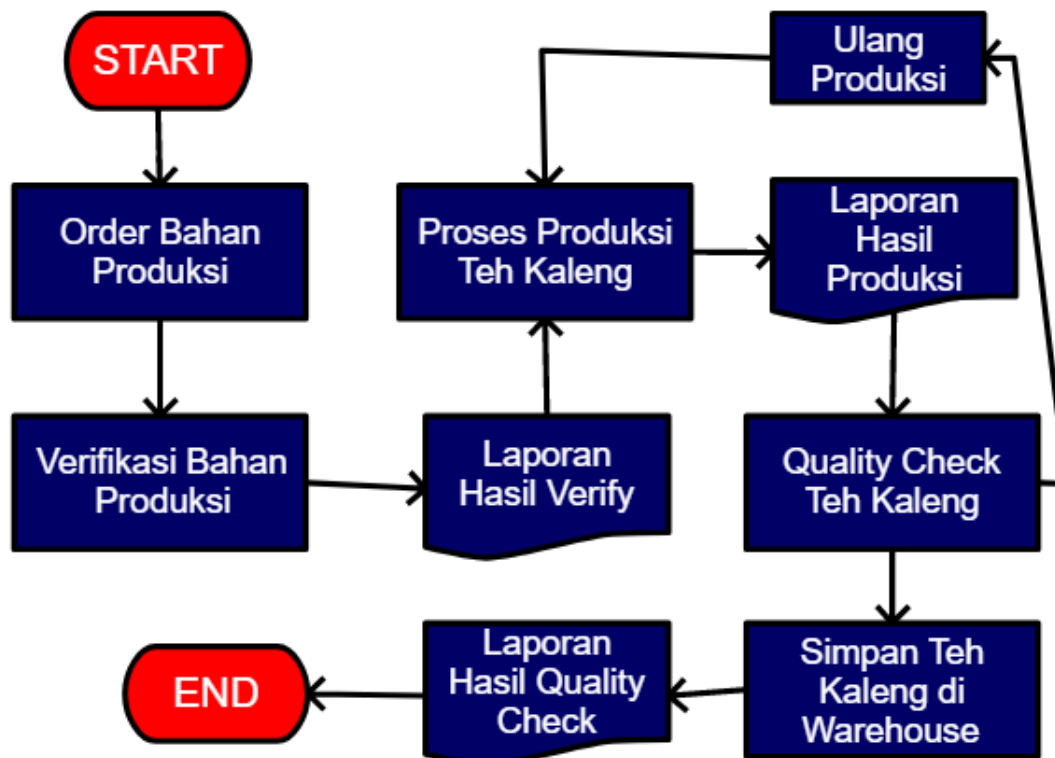
### 2.4. Inventory Control



## 2.5. Purchasing



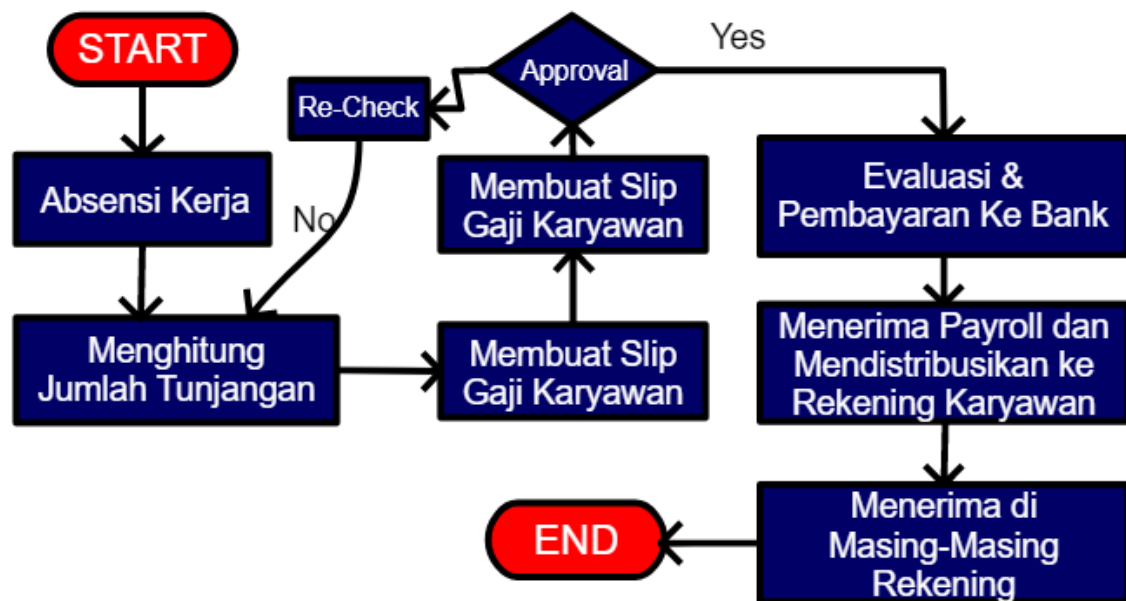
## 2.6. Production



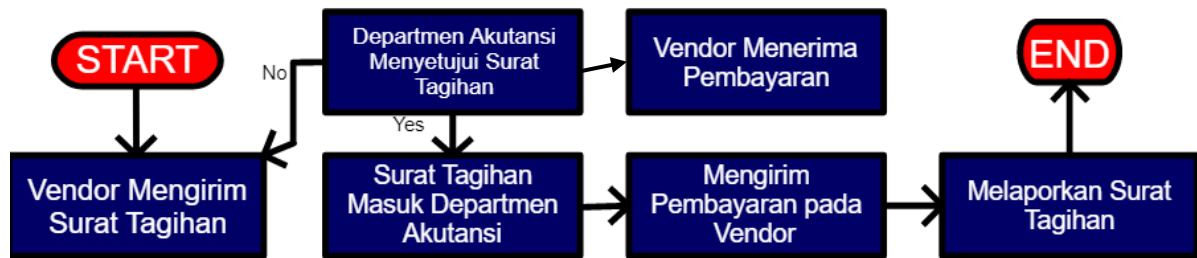
## 2.7. Human Resource



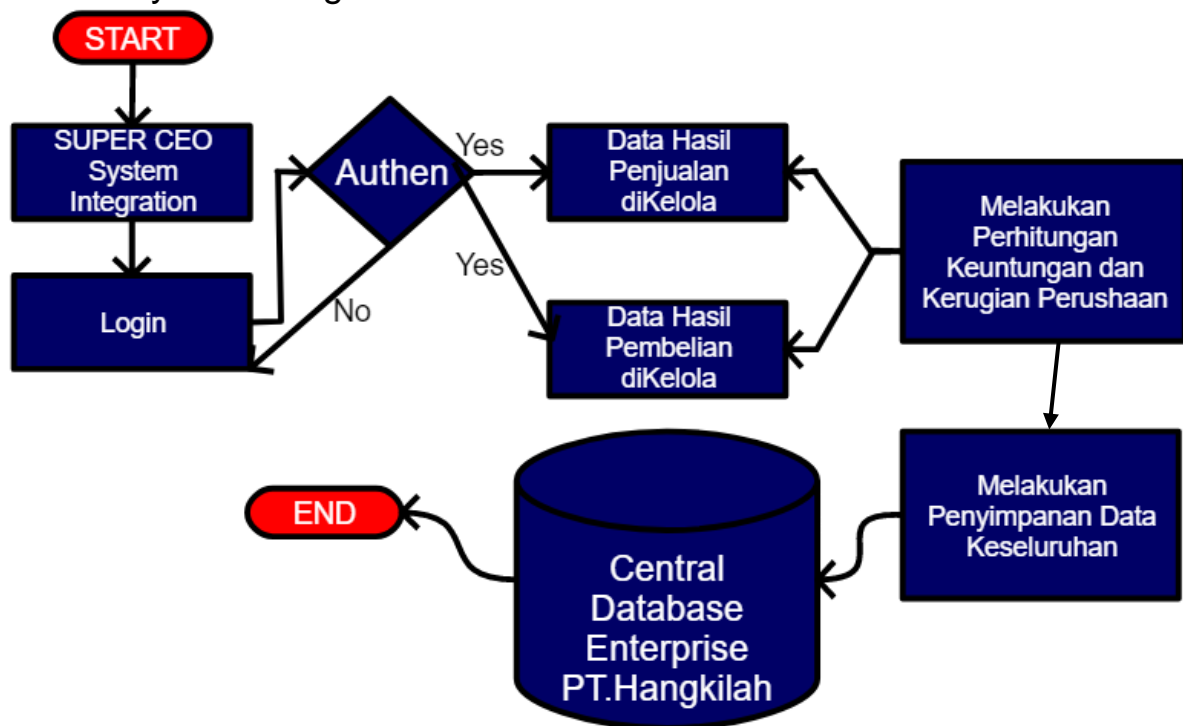
## 2.8. Pay Role



## 2.9. Document Management

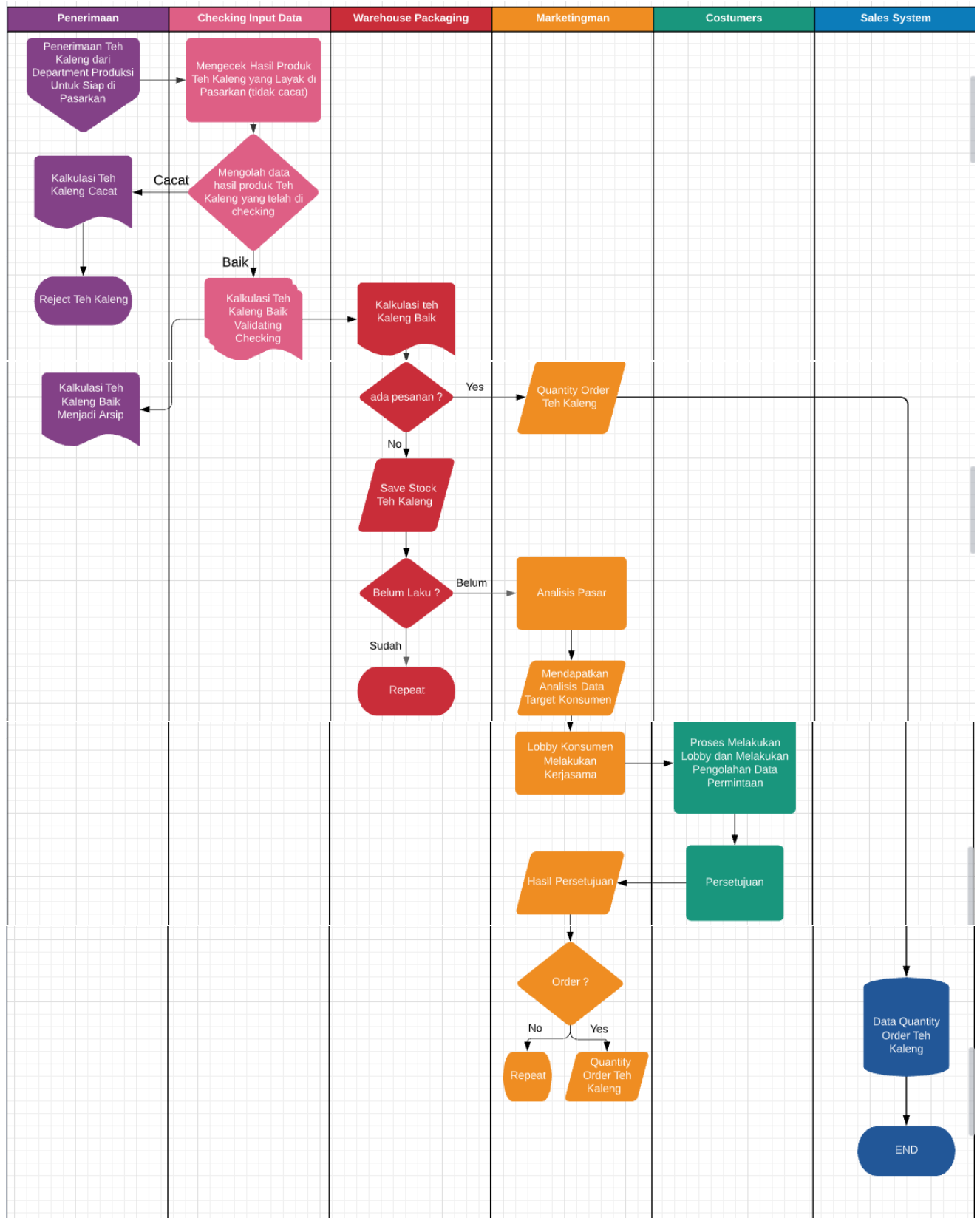


## 2.10. System Integration



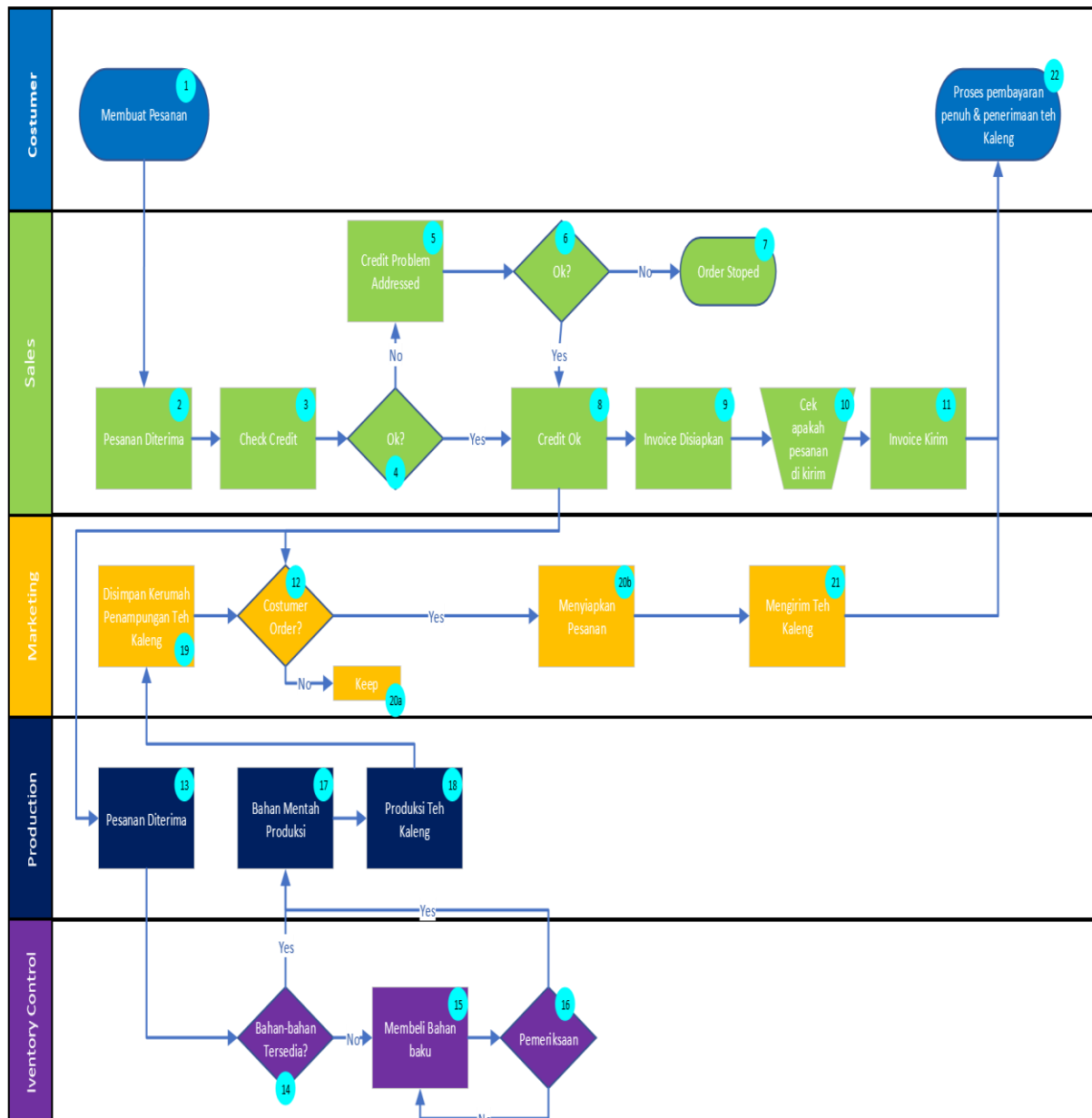
### 3. Desain Flowchart Sub System

#### 3.1. Marketing

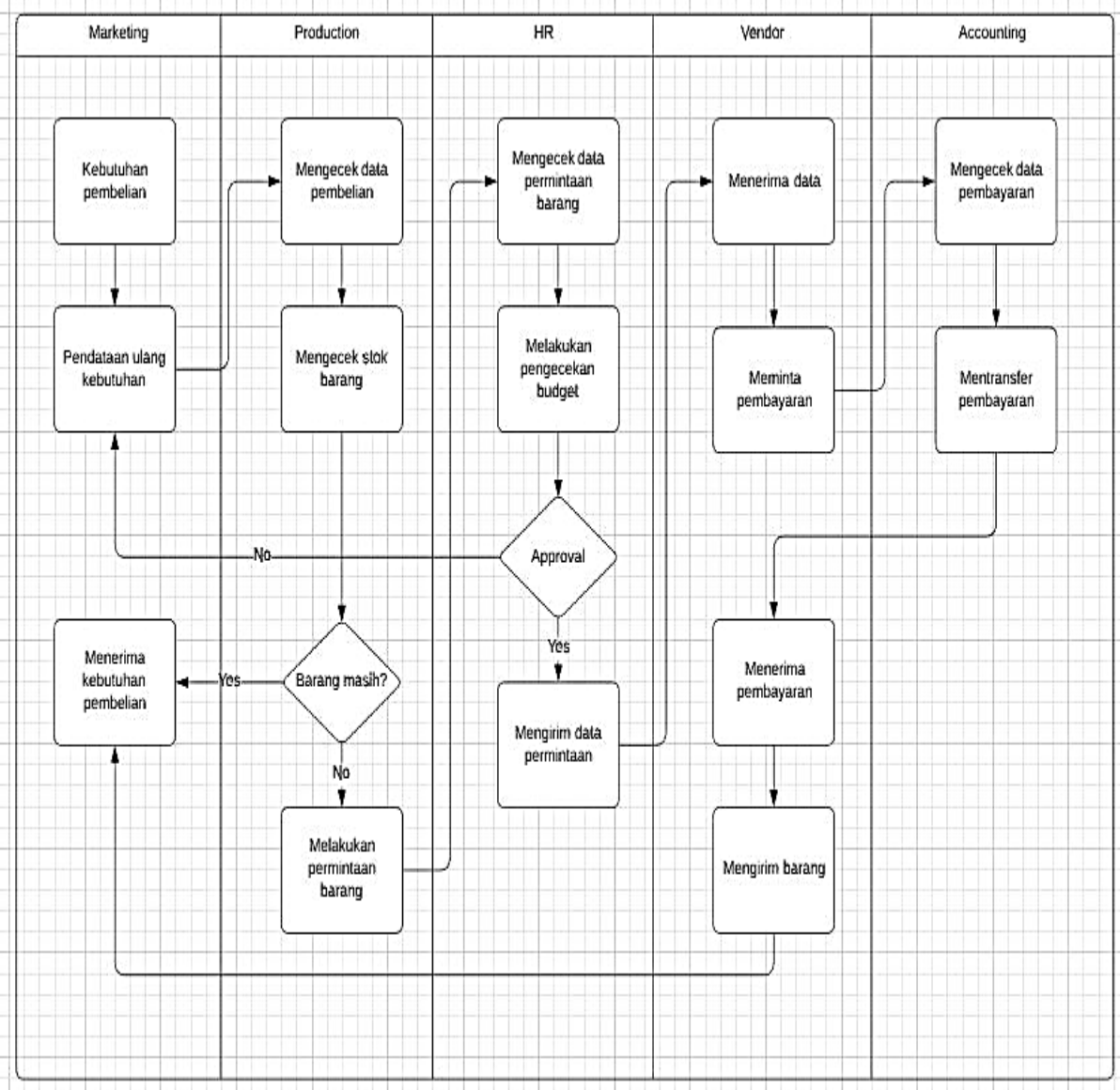




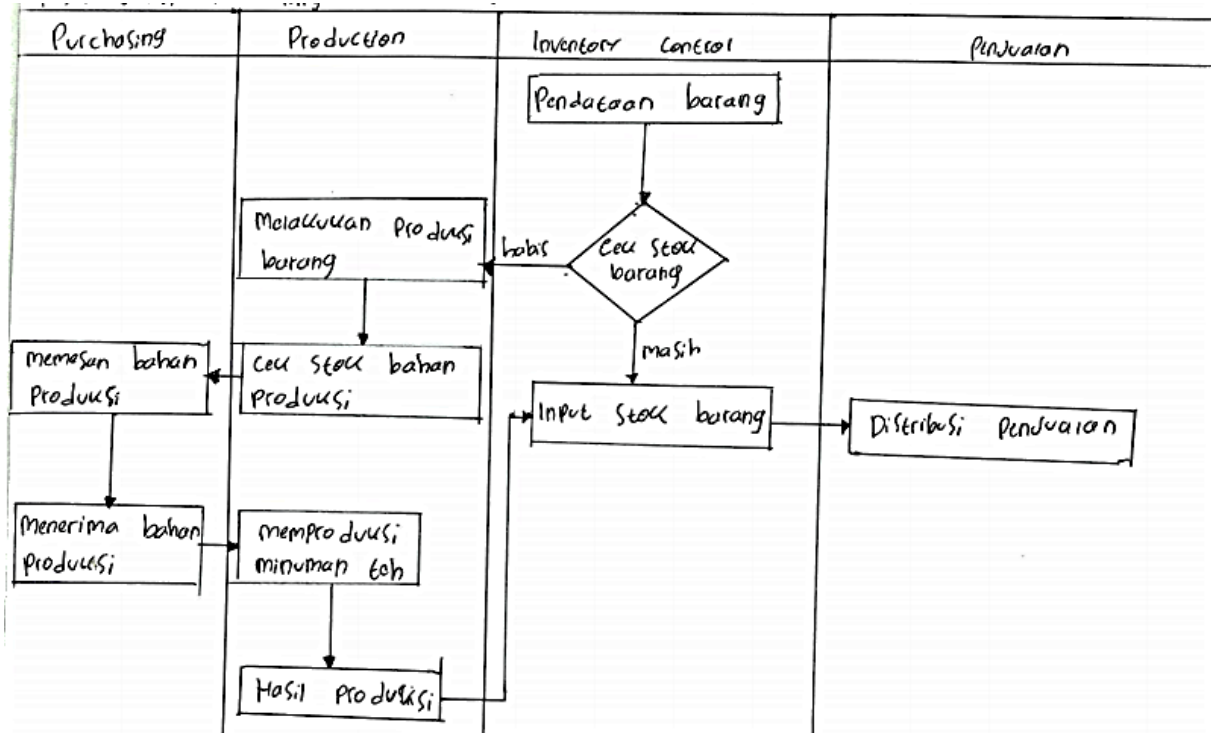
### 3.2. Sales



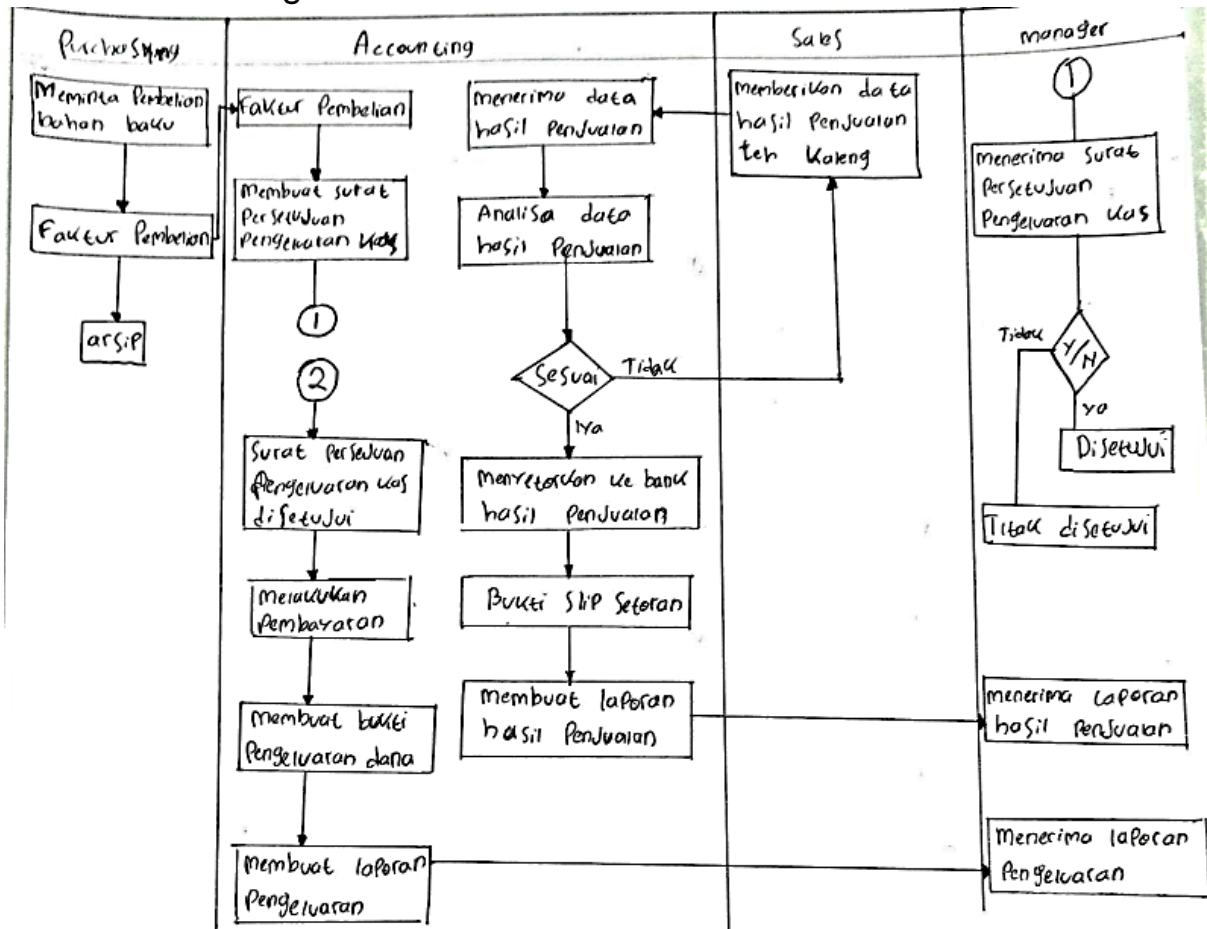
### 3.3. Purchasing



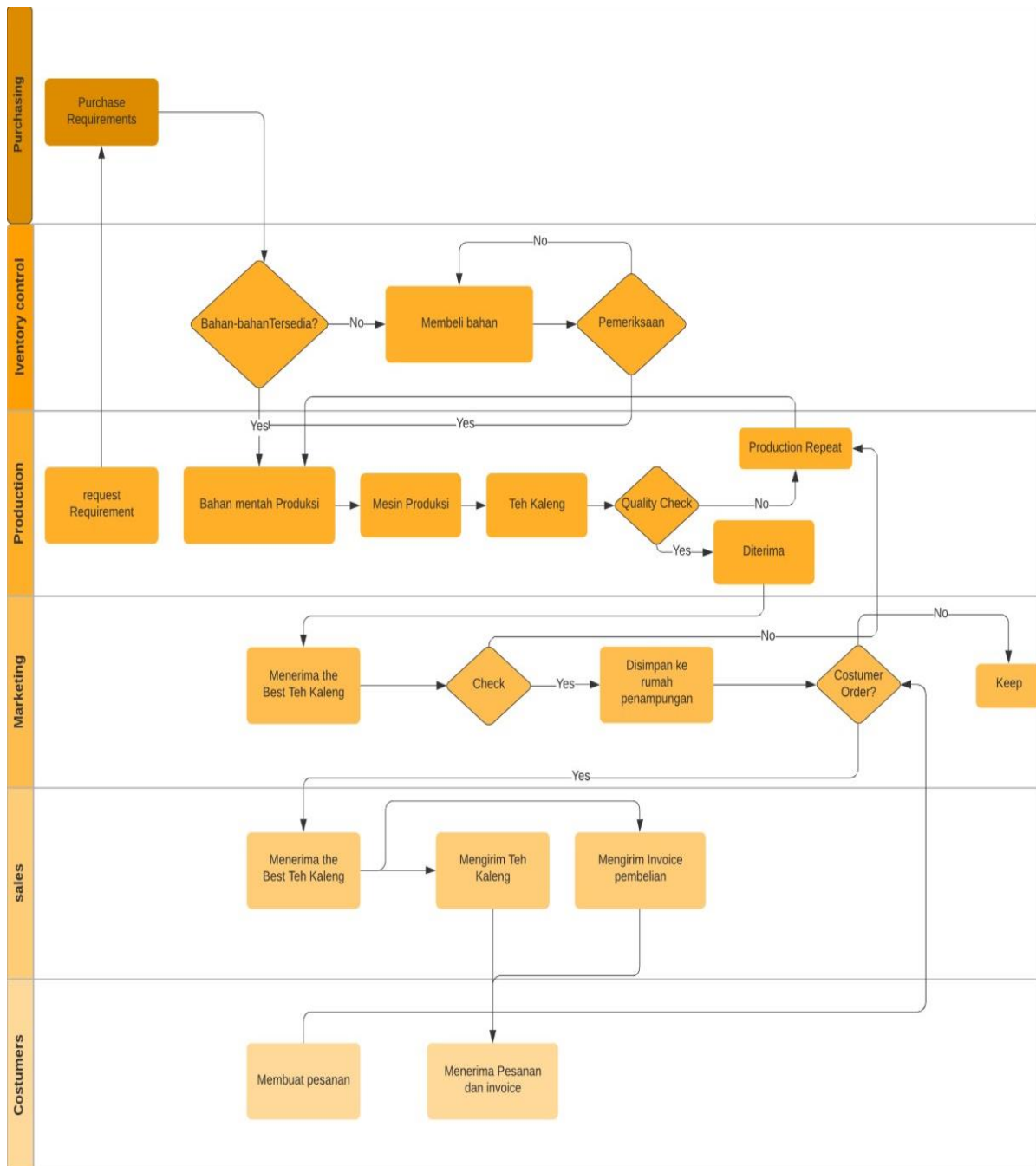
### 3.4. Inventory Control



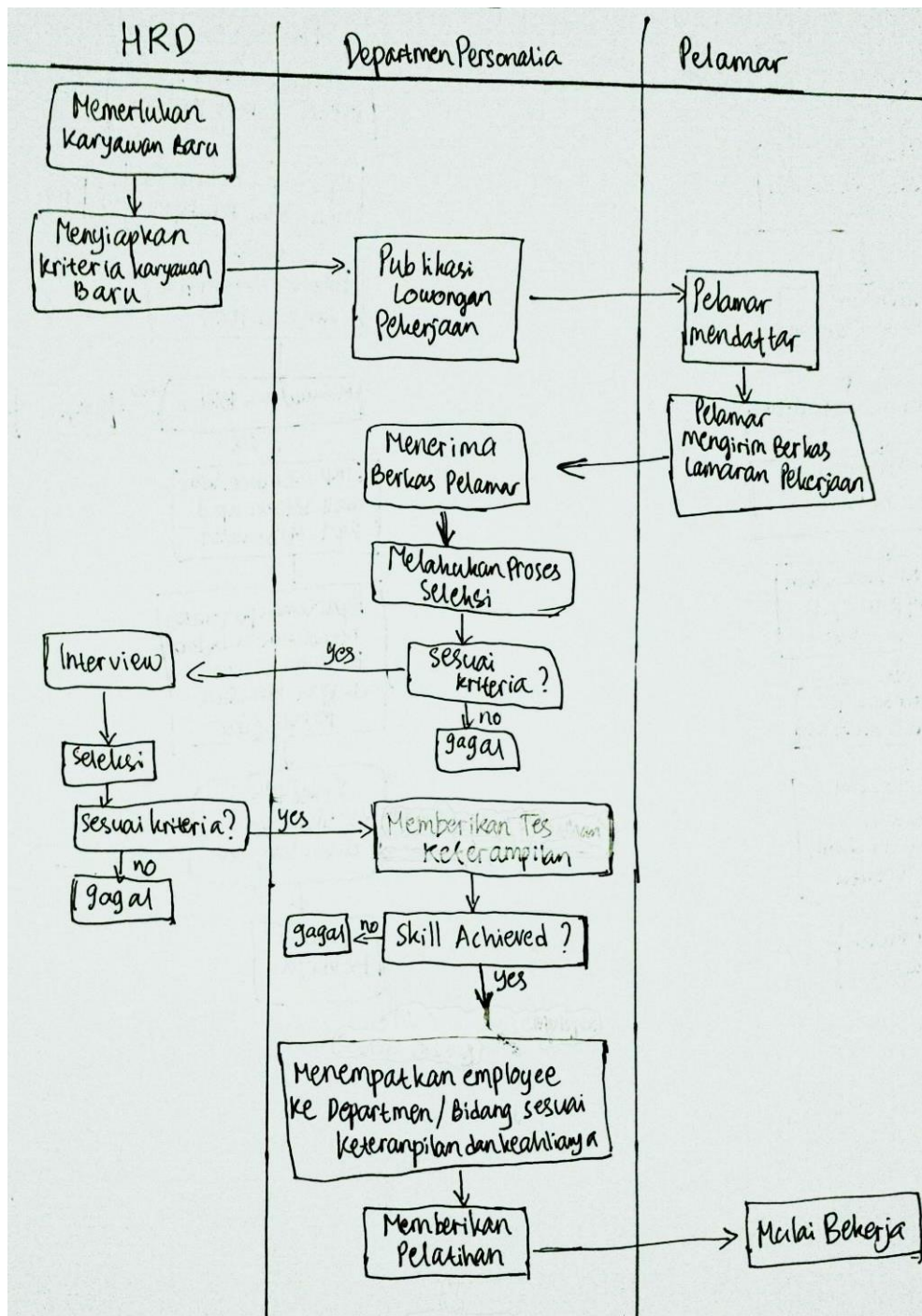
### 3.5. Accounting



### 3.6. Production

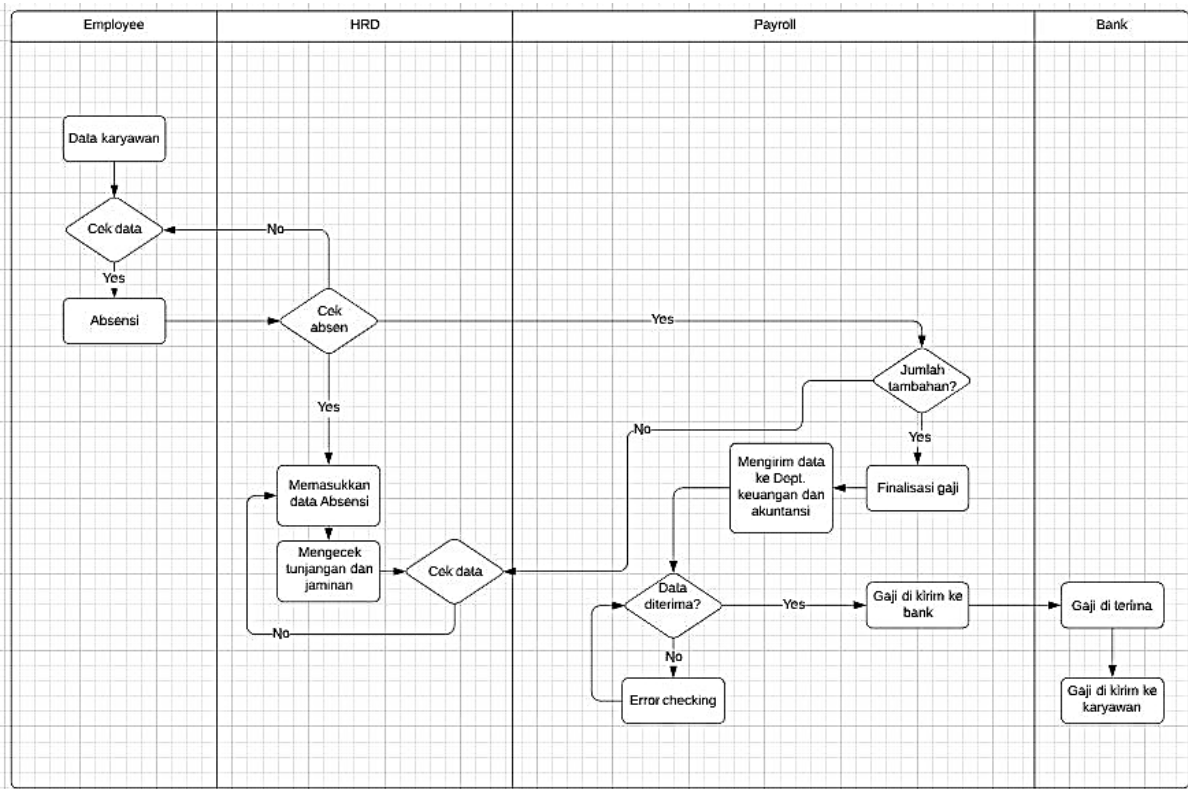


### 3.7. Human Resource

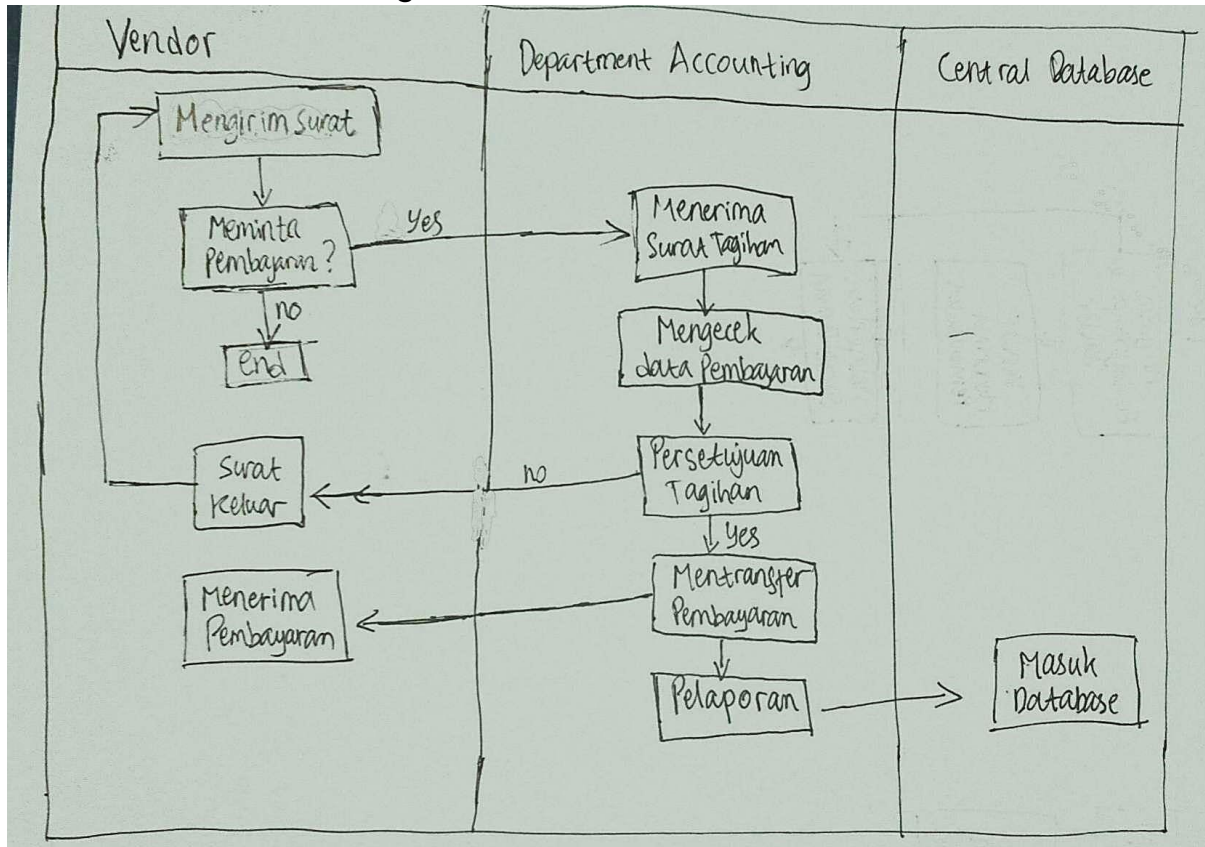




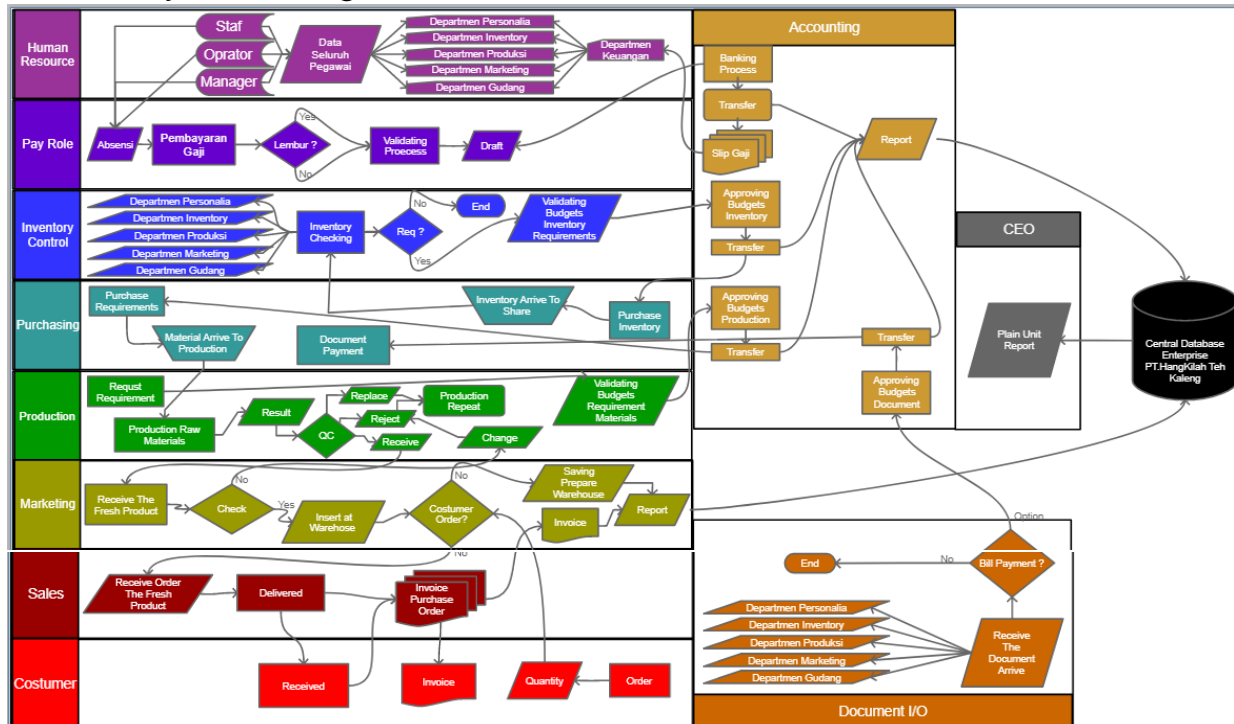
### 3.8. Pay Role



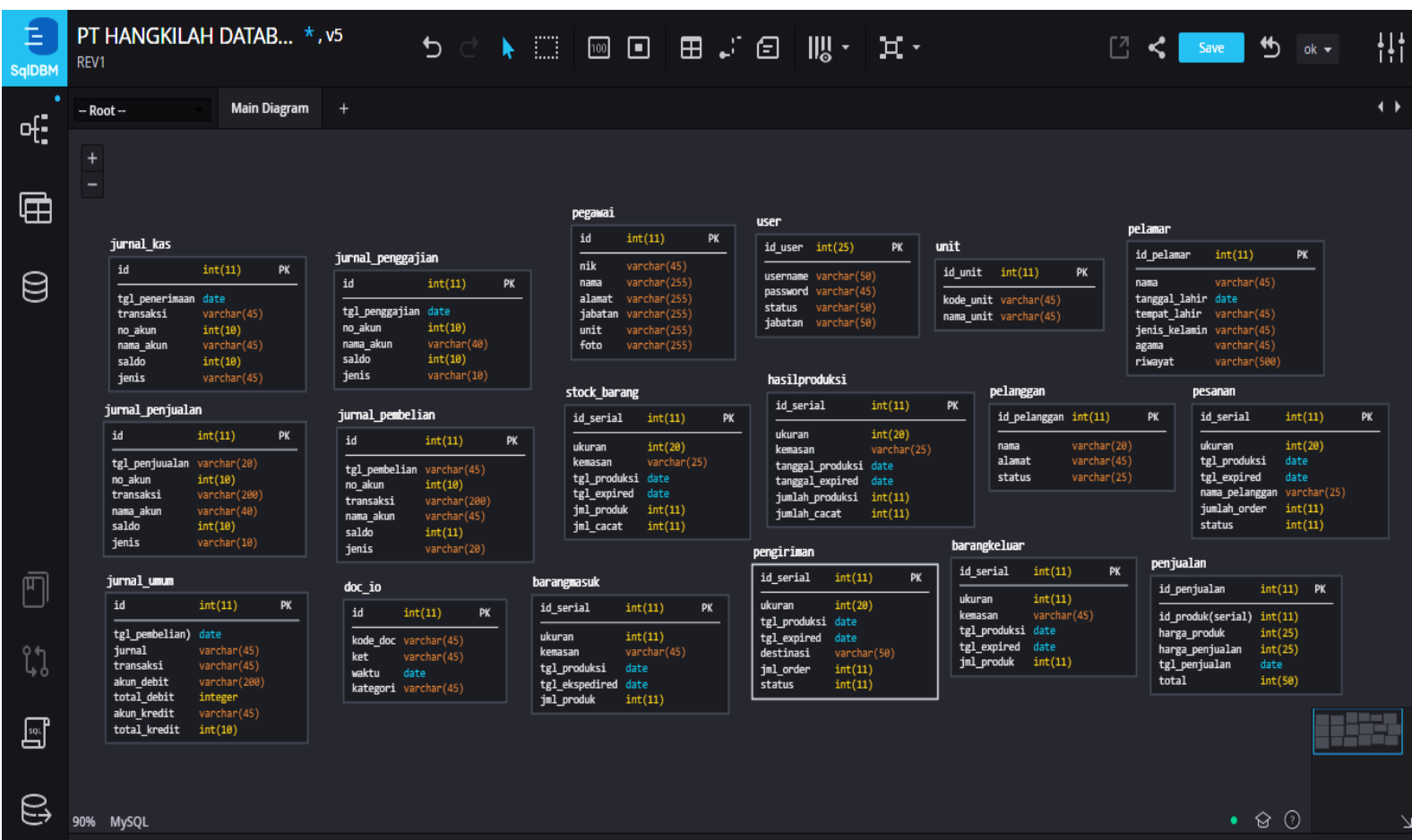
### 3.9. Document Management



### 3.10. System Integration



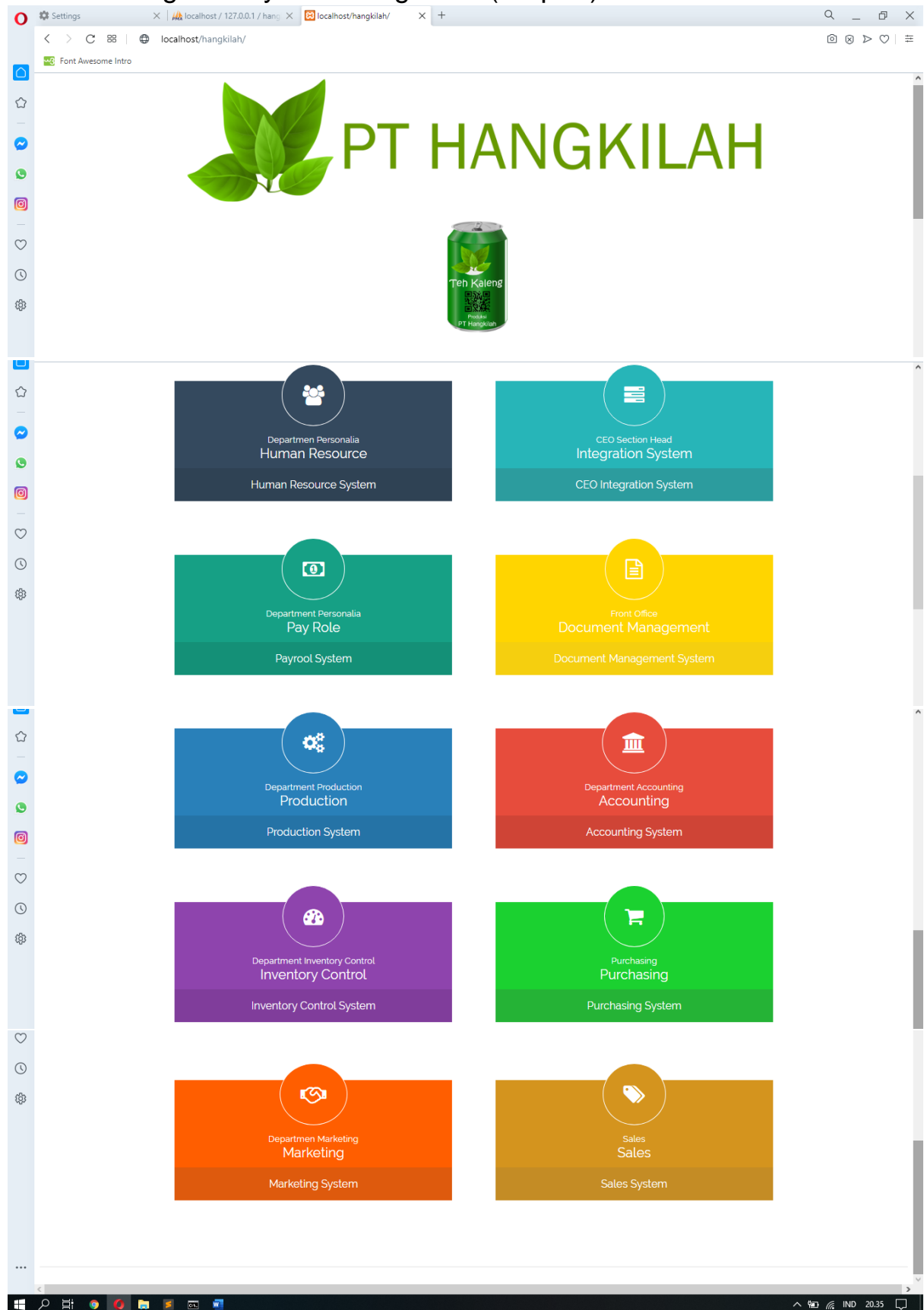
## 4. Perancangan Database





## 5. Perancangan User Interface

### 5.1. PT Hangkilah System Integration ( Super )



## 5.2. Marketing

### - Login Marketing Sub System

Back

Login Marketing Sub System PT.HangKilah

Username

Enter Username

Password

Enter Password

Login

☐ Remember me

### - Halaman Marketing Sub System

Hello Marketing Admin

Logout

Pesanan Pelanggan Teh Kaleng PT. Hang Kilah

Input Hasil Kalkulasi Lihat Ketersediaan Warehouse Lihat Orderan Pelanggan Lihat Data Pelanggan Input Data Penjualan Lihat Data Penjualan

Cari.....! PENCARIAN

Order Market Teh Kaleng PT. Hang Kilah

Pesanan Pelanggan

ID Serial	Ukuran	Tanggal Produksi	Tanggal Expired	Nama Pelanggan	Jumlah Order	Status Pemesanan	Action
118677747	500	2020-05-13	2021-08-27	oki	1500	Pesanan masih Menunggu	Confirm Cancel

## 5.3. Sales

### - Login Sales Sub System

Back

Login Sales Sub System PT.HangKilah

**Username**

Enter Username

**Password**

Enter Password

Login

☐ Remember me

### - Halaman Sales Sub System

Hello Sales Admin

Logout

Wharehouse Teh Kaleng PT. Hang Kilah

MANAGER

Konfirmasi Tujuan Pengiriman Lihat Status Pengiriman

Search.. PENCARIAN

Teh Kaleng PT. Hang Kilah Yang tersedia

Silahkan Menentukan Destinasi Pengiriman Teh Kaleng

ID Serial	Ukuran	Kemasan	Tanggal Produksi	Tanggal Expired	Tersedia Di Gudang	Lakukan Pemesanan
118677747	500	Kaleng	2020-05-13	2021-08-27	1500	Pemesanan
156985110	125	Kaleng	2020-05-16	2021-02-17	2000	Pemesanan

## 5.4. Purchasing

### - Login Purchasing Sub System

Back

### Login Purchasing Sub System PT.HangKilah

**Username**  
Enter Username

**Password**  
Enter Password

Login

☒ Remember me

### - Halaman Purchasing Sub System

Hello Purchasing Admin

Logout

### Purchasing Teh Kaleng PT. Hang Kilah

Lihat Data Purchasing

Cari.....! **PENCARIAN**

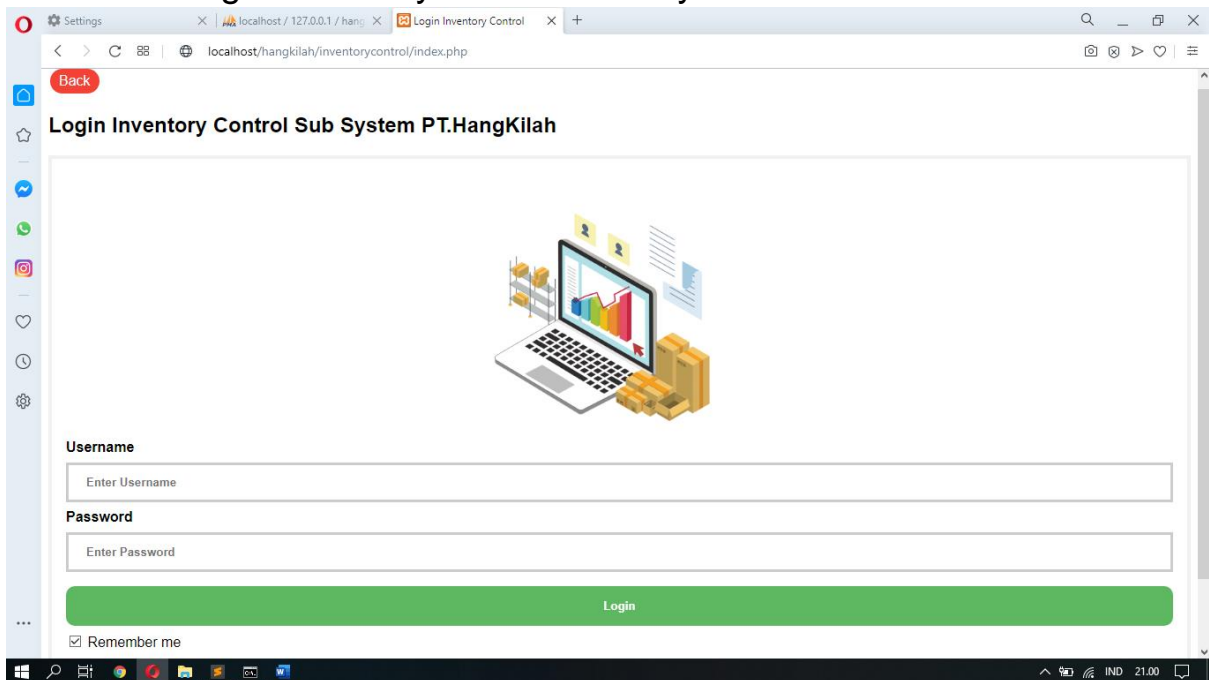
### Purchasing Teh Kaleng PT. Hang Kilah

Teh Hangkilah di Purchasing

Tanggal	No Akun	Transaksi	Nama Akun	Saldo	Jenis	Action	
01 June 2020	111222	pembelian Bahan Teh	dandung	120000000	Debit	Update	Delete
04 June 2020	123321	pembelian bahan kaleng	admin	15000000	Kredit	Update	Delete

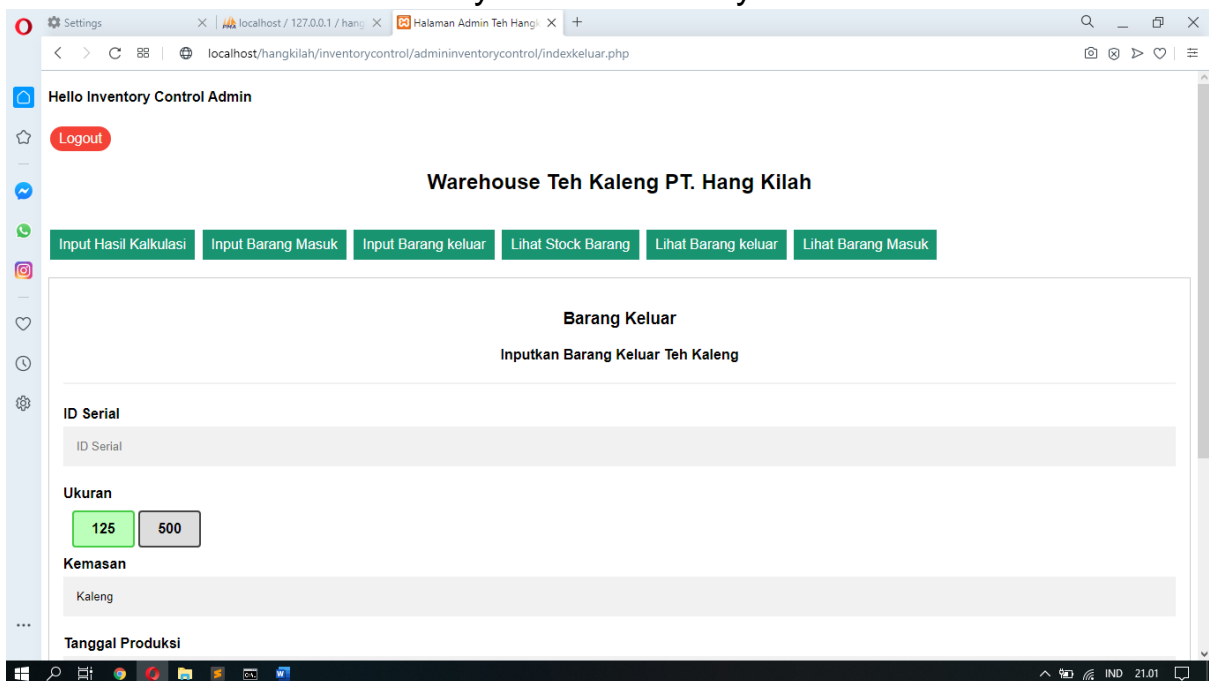
## 5.5. Inventory Control

### - Login Inventory Control Sub System



The screenshot shows a web browser window with the URL `localhost/hangkilah/inventorycontrol/index.php`. The page title is "Login Inventory Control Sub System PT.HangKilah". It features a central illustration of a laptop displaying a bar chart, surrounded by yellow blocks. Below the illustration are two input fields: "Username" with the placeholder "Enter Username" and "Password" with the placeholder "Enter Password". A green "Login" button is positioned below these fields. A "Remember me" checkbox is located at the bottom left of the login area. The browser's address bar and a sidebar with various icons are visible.

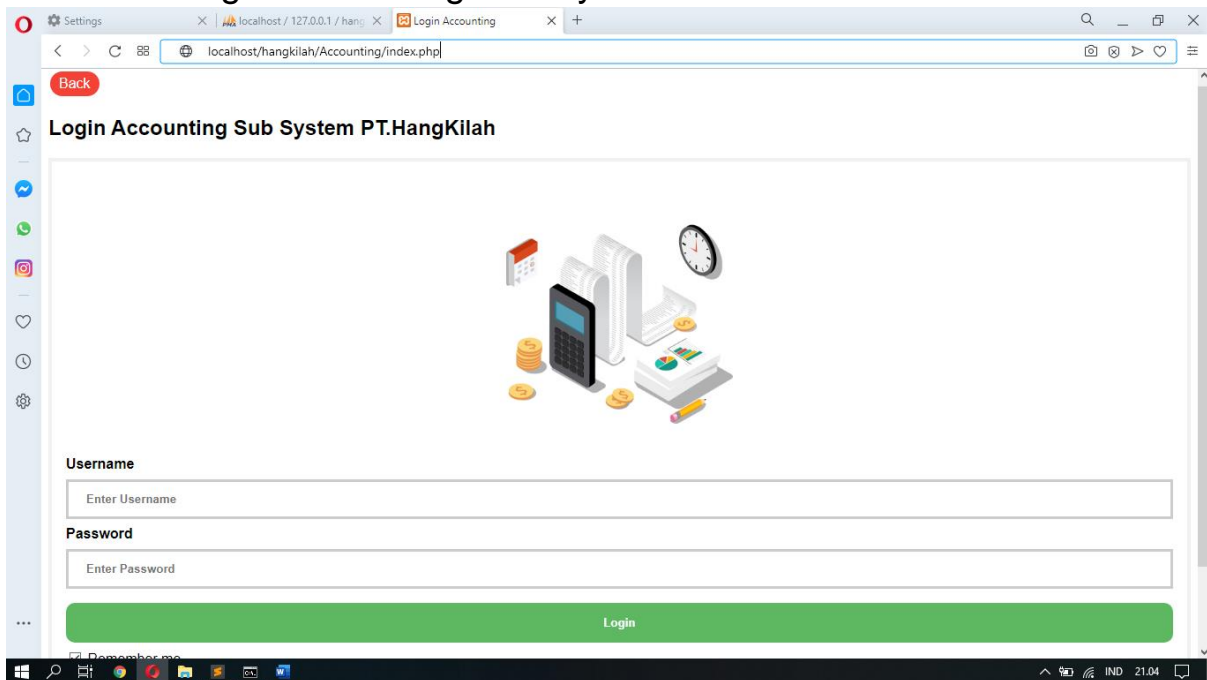
### - Halaman Inventory Control Sub System



The screenshot shows a web browser window with the URL `localhost/hangkilah/inventorycontrol/admininventorycontrol/indexkeluar.php`. The page title is "Hello Inventory Control Admin". It features a "Logout" button in the top left. The main heading is "Warehouse Teh Kaleng PT. Hang Kilah". Below this heading are six green buttons: "Input Hasil Kalkulasi", "Input Barang Masuk", "Input Barang keluar", "Lihat Stock Barang", "Lihat Barang keluar", and "Lihat Barang Masuk". The "Input Barang keluar" button is highlighted. Below the buttons is a section titled "Barang Keluar" with the subtitle "Inputkan Barang Keluar Teh Kaleng". This section contains three input fields: "ID Serial" with the placeholder "ID Serial", "Ukuran" with two buttons labeled "125" and "500", and "Kemasan" with the placeholder "Kaleng". The "Tanggal Produksi" label is visible at the bottom of the form. The browser's address bar and a sidebar with various icons are visible.


## 5.6. Accounting

### - Login Accounting Sub System



Back

### Login Accounting Sub System PT.HangKilah

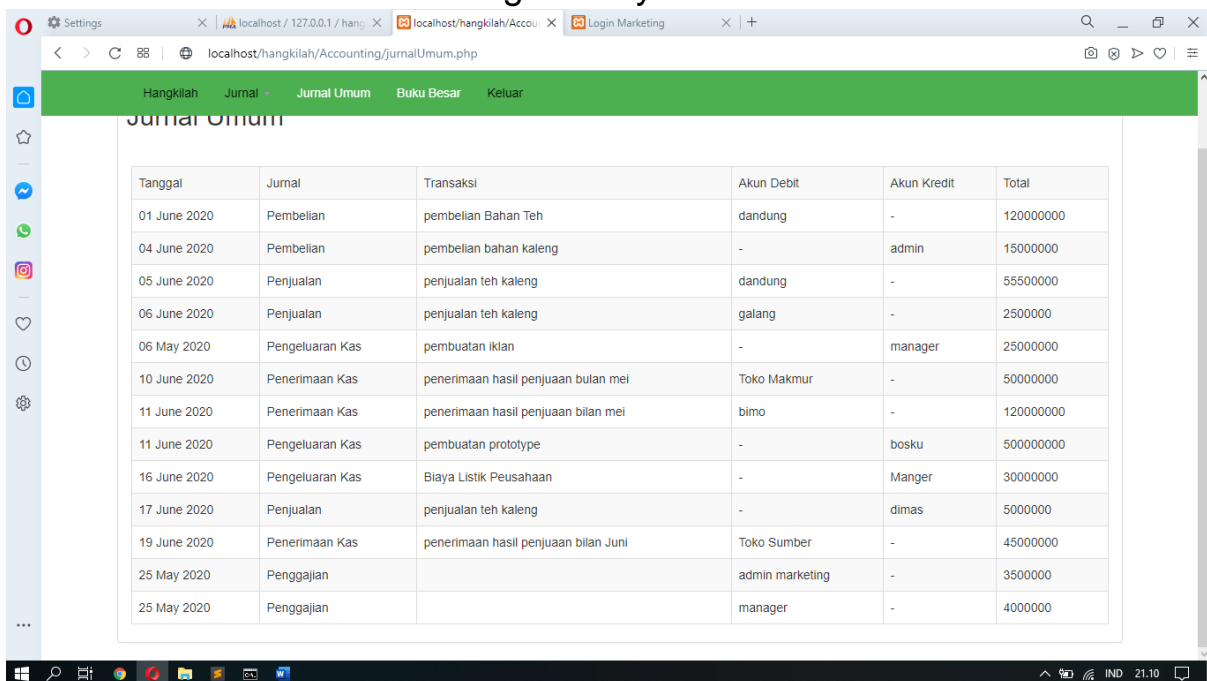


**Username**

**Password**

Login

### - Halaman Accounting Sub System



Hangkilah Jurnal Jurnal Umum Buku Besar Keluar

### Jurnal Umum

Tanggal	Jurnal	Transaksi	Akun Debit	Akun Kredit	Total
01 June 2020	Pembelian	pembelian Bahan Teh	dandung	-	120000000
04 June 2020	Pembelian	pembelian bahan kaleng	-	admin	150000000
05 June 2020	Penjualan	penjualan teh kaleng	dandung	-	555000000
06 June 2020	Penjualan	penjualan teh kaleng	galang	-	250000000
06 May 2020	Pengeluaran Kas	pembuatan iklan	-	manager	250000000
10 June 2020	Penerimaan Kas	penerimaan hasil penjualan bulan mei	Toko Makmur	-	500000000
11 June 2020	Penerimaan Kas	penerimaan hasil penjualan bulan mei	bimo	-	1200000000
11 June 2020	Pengeluaran Kas	pembuatan prototype	-	bosku	500000000
16 June 2020	Pengeluaran Kas	Biaya Listik Perusahaan	-	Manger	300000000
17 June 2020	Penjualan	penjualan teh kaleng	-	dimas	500000000
19 June 2020	Penerimaan Kas	penerimaan hasil penjualan bulan Juni	Toko Sumber	-	450000000
25 May 2020	Penggajian		admin marketing	-	350000000
25 May 2020	Penggajian		manager	-	400000000

## 5.7. Production

### - Login Production Sub System

Settings | localhost / 127.0.0.1 / hangkilah | Login Production | Login Marketing

Back

localhost/hangkilah/production/index.php

Back

### Login Production Sub System PT.HangKilah

**Username**

Enter Username

**Password**

Enter Password

Login

Remember me

### - Halaman Production Sub System

Settings | localhost / 127.0.0.1 / hangkilah | Halaman Admin Sales Teh |

localhost/hangkilah/production/adminproduction/index.php

Hello Production Admin

Logout

### Hasil Penjualan Teh Kaleng PT. Hang Kilah

Produksi Input Produksi Quality Cek Produksi

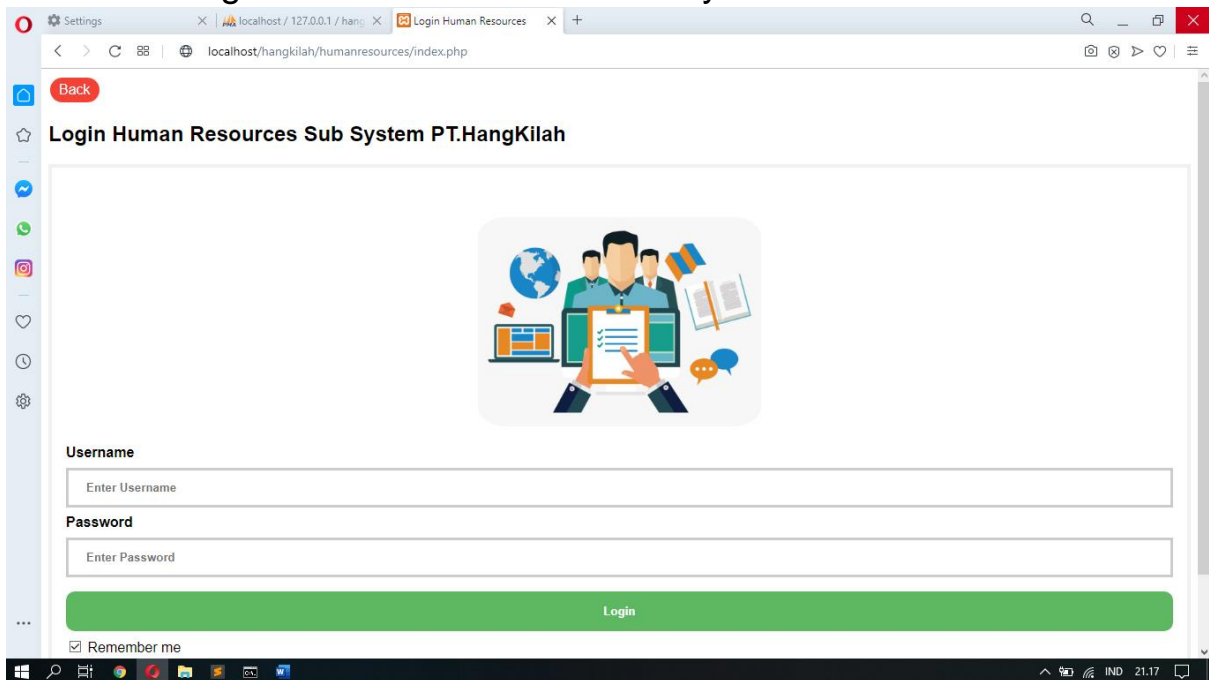
Cari..... PENCARIAN

### Hasil Penjualan Teh Kaleng

ID Serial	Ukuran	Kemasan	Tanggal Produksi	Tanggal Expired	Jumlah Produksi	Action
11879034	500	Kaleng	2020-05-21	2021-02-26	1,500	<button>Update</button> <button>Delete</button>
121450348	125	Kaleng	2020-05-21	2020-05-28	1,500	<button>Update</button> <button>Delete</button>

## 5.8. Human Resources

### - Login Human Resources Sub System



Back

Login Human Resources Sub System PT.HangKilah

Username

Enter Username

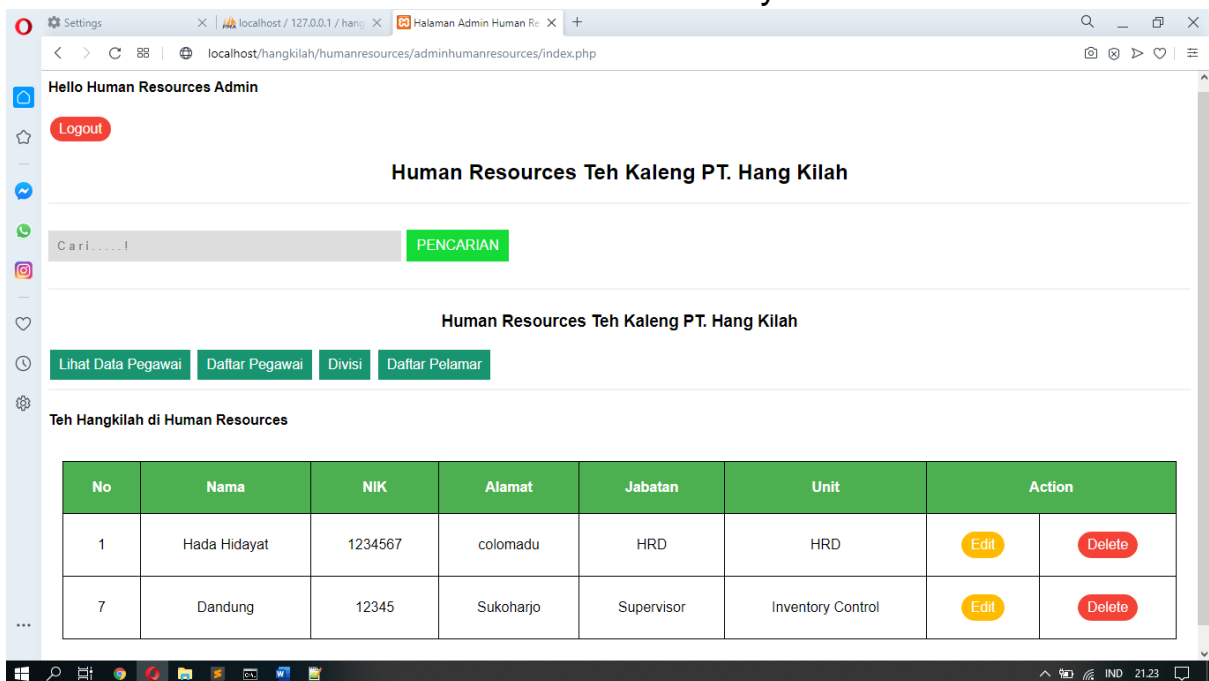
Password

Enter Password

Login

☐ Remember me

### - Halaman Human Resources Sub System



Hello Human Resources Admin

Logout

Human Resources Teh Kaleng PT. Hang Kilah

Cari.....! PENCARIAN

Human Resources Teh Kaleng PT. Hang Kilah

Lihat Data Pegawai Daftar Pegawai Divisi Daftar Pelamar

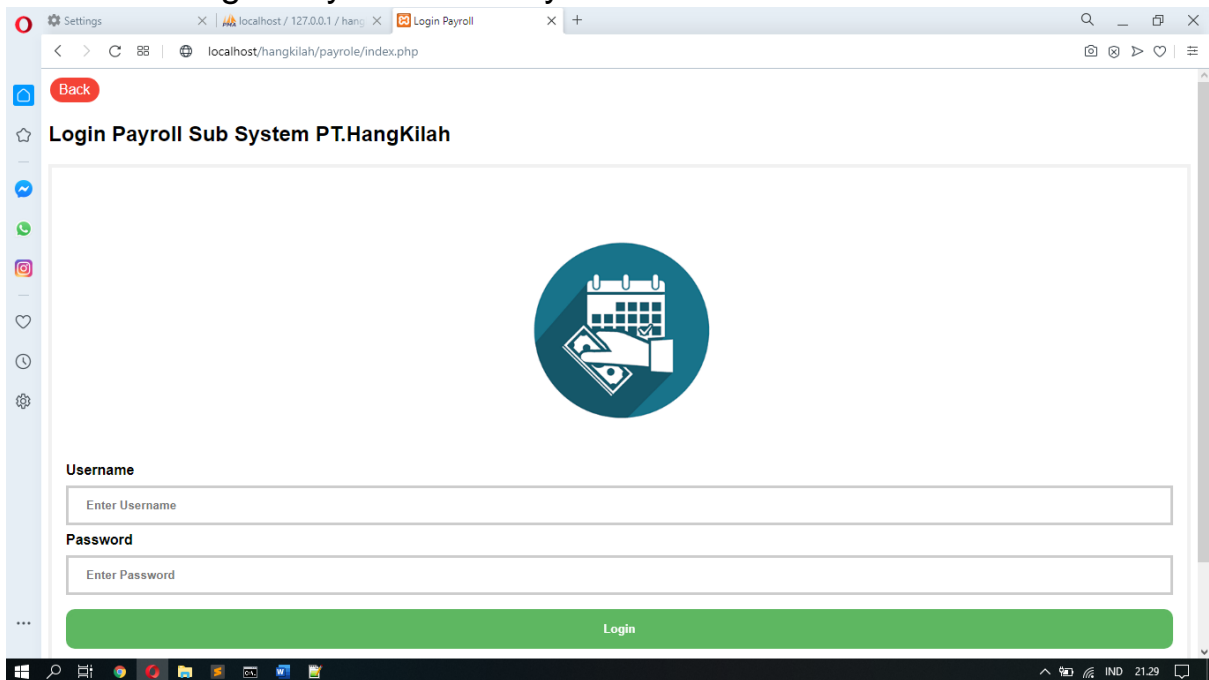
Teh Hangkilah di Human Resources

No	Nama	NIK	Alamat	Jabatan	Unit	Action
1	Hada Hidayat	1234567	colomadu	HRD	HRD	Edit Delete
7	Dandung	12345	Sukoharjo	Supervisor	Inventory Control	Edit Delete



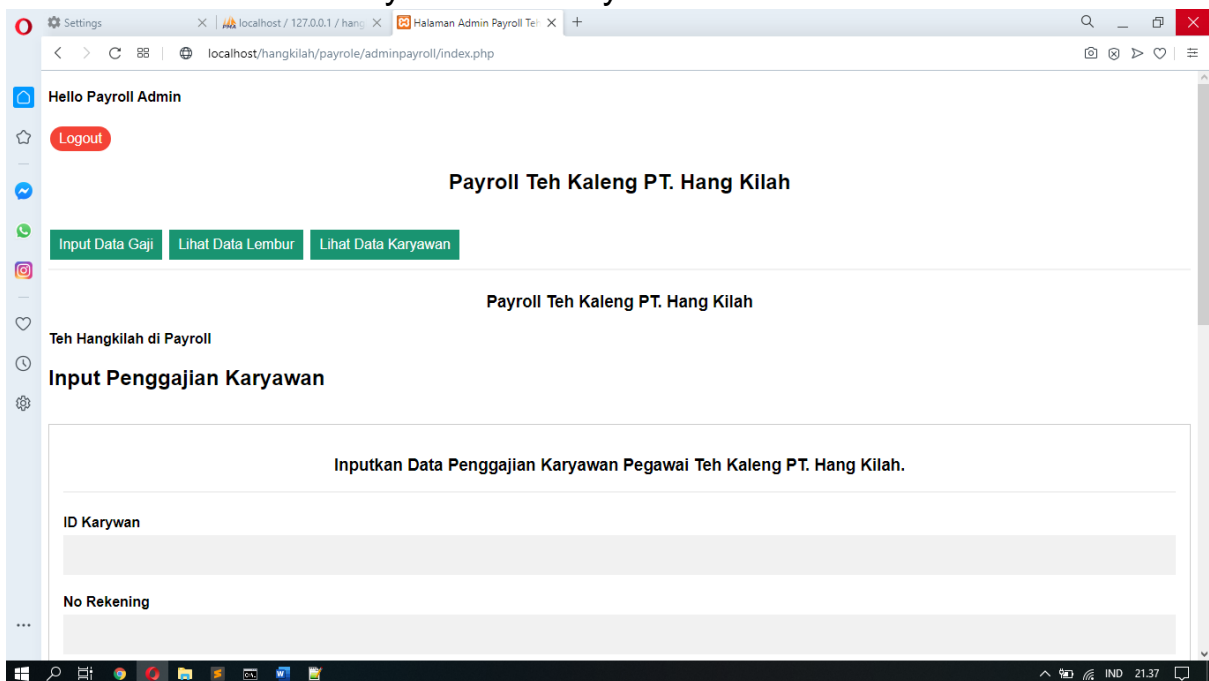
## 5.9. Pay Role

### - Login Pay Role Sub System



The screenshot shows a web browser window with the URL `localhost/hangkilah/payrole/index.php`. The page title is "Login Payroll Sub System PT.HangKilah". It features a central circular icon with a calendar and a hand holding a document. Below the icon are two input fields: "Username" with a placeholder "Enter Username" and "Password" with a placeholder "Enter Password". A green "Login" button is positioned at the bottom of the form. The browser's address bar and taskbar are visible at the top and bottom of the window.

### - Halaman Pay Role Sub System



The screenshot shows a web browser window with the URL `localhost/hangkilah/payrole/adminpayroll/index.php`. The page title is "Hello Payroll Admin". It features a "Logout" button in the top left corner. The main content area is titled "Payroll Teh Kaleng PT. Hang Kilah" and contains three green buttons: "Input Data Gaji", "Lihat Data Lembur", and "Lihat Data Karyawan". Below these buttons is a section titled "Payroll Teh Kaleng PT. Hang Kilah" with the subtitle "Teh HangKilah di Payroll". The main heading is "Input Penggajian Karyawan". Below this heading is a large text box with the instruction "Inputkan Data Penggajian Karyawan Pegawai Teh Kaleng PT. Hang Kilah." and two input fields: "ID Karyawan" and "No Rekening". The browser's address bar and taskbar are visible at the top and bottom of the window.

## 5.10. Document Management

### - Login Document Management Sub System

The screenshot shows a web browser window with the URL `localhost/hangkilah/documentmanagement/index.php`. The page title is "Login Document Management Sub System PT.HangKilah". It features a large blue icon of a document and folder. Below the icon are two input fields: "Username" with the placeholder "Enter Username" and "Password" with the placeholder "Enter Password". A green "Login" button is positioned below the password field. A sidebar on the left contains various icons, and a "Remember me" checkbox is located below the login button.

### - Halaman Document Management Sub System

The screenshot shows a web browser window with the URL `localhost/hangkilah/documentmanagement/admindocumentmanagement/index.php`. The page title is "Hello Document Management Admin". It features a "Logout" button in the top left. The main heading is "Document Management Teh Kaleng PT. Hang Kilah". Below this is a search bar with the placeholder "Cari....." and a green "PENCARIAN" button. Underneath the search bar are three buttons: "Lihat Data Document", "Lihat Data Pembayaran Document", and "Lihat Validasi Document". The section "Teh HangKilah di Document Management" contains a sub-heading "Daftar Document" and a table with the following data:

No	Kode Document	Keterangan	Waktu	Kategori	Action
1	SM12	Surat Pembelian Barang	2020-06-01	Surat Masuk	Delete

## 5.11. PT Hangkilah System Integration CEO

### - Login CEO Integration System

The screenshot shows a web browser window with the URL `localhost/hangkilah/integrationsystemceo/index.php`. The page has a sidebar with social media icons and a main content area. At the top of the main area is the title "Login CEO Integration System PT.HangKilah". Below the title is a large placeholder image of a woman in a business suit. Underneath the image are two input fields: "Username" with the placeholder text "Enter Username" and "Password" with the placeholder text "Enter Password". At the bottom of the form is a green "Login" button.

### - Halaman CEO Integration System

The screenshot shows a web browser window with the URL `localhost/hangkilah/integrationsystemceo/lihat-penjualan.php`. The page has a sidebar with social media icons and a main content area. At the top of the main area is the title "Hello Chief Executive Officer" and a "Logout" button. Below the title is the heading "Hasil Penjualan Teh Kaleng PT. Hang Kilah". Underneath the heading are two buttons: "Lihat Data Pemasukan Perusahaan" and "Lihat Data Pengeluaran Perusahaan". Below these buttons is a search bar with the placeholder text "Pencarian" and a green "PENCARIAN" button. Below the search bar is the heading "Hasil Penjualan Teh Kaleng". Underneath the heading is the sub-heading "Hasil Penjualan". Below the sub-heading is a table with 6 columns: "ID Penjualan", "ID Produk", "Harga Produk", "Harga Penjualan", "Tanggal Penjualan", and "Total Pendapatan". The table contains 2 rows of data.

ID Penjualan	ID Produk	Harga Produk	Harga Penjualan	Tanggal Penjualan	Total Pendapatan
23180048	2324332	20,000	25,000	2020-05-18	5,000,000
155212105	156985110	20,000	25,000	2020-05-27	5,000,000

## Username & Password Untuk Login ke Semua Sub System

id	username	password	status	jabatan
170022	salesuser	salesuser123	salesuser	Sales User
239312	humanresourcesadmin	humanresourcesadmin123	humanresourcesadmin	Human Resources Admin
240655	humanresourcesuser	humanresourcesuser123	humanresourcesuser	Human Resources User
300234	purchasingadmin	purchasingadmin123	purchasingadmin	Purchasing Admin
328234	purchasinguser	purchasinguser123	purchasinguser	Purchasing User
359909	accountinguser	accountinguser123	accountinguser	Accounting User
444555	marketingadmin	marketingadmin123	marketingadmin	Marketing Admin
445566	inventorycontroladmin	inventorycontroladmin123	inventorycontroladmin	Inventory Control Admin
454545	payrolladmin	payrolladmin123	payrolladmin	Payroll Admin
555678	documentmanagementuser	documentmanagementuser123	documentmanagementuser	Document Management User
605833	productionuser	productionuser123	productionuser	Production User
664422	ceo_integrationsystem	ceo_integrationsystem123	ceo_integrationsystem	Chief Executive Officer
776544	inventorycontroluser	inventorycontroluser123	inventorycontroluser	Inventory Control User
784555	documentmanagementadmin	documentmanagementadmin123	documentmanagementadmin	Document Management Admin
823622	salesadmin	salesadmin123	salesadmin	Sales Admin
868686	payrolluser	payrolluser123	payrolluser	Payroll User
888888	marketinguser	marketinguser123	marketinguser	Marketing User
999909	accountingadmin	accountingadmin123	accountingadmin	Accounting Admin
8770443	productionadmin	productionadmin123	productionadmin	Production Admin