

LAPORAN TUGAS AKHIR
PENGEMBANGAN SISTEM ENTERPRISE CAMBAH SUPER
MATA KULIAH PERANCANGAN SISTEM ENTERPRISE



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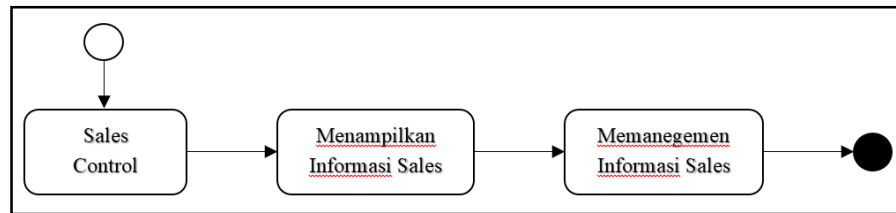
PROGRAM STUDI INFORMATIKA
FAKULTAS KOMUNIKASI DAN INFORMATIKA
UNIVERSITAS MUHAMMADIYAH SURAKARTA

2020

I. WORK FLOW

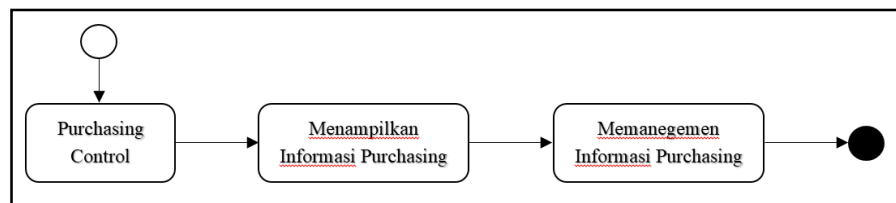
Work Flow merupakan gambaran alur kerja sistem yang akan dibuat pada tingkatan paling umum yang dapat dijadikan sebagai landasan pembuatan alur sistem yang lebih detail.

1.1 Desain Subsistem Sales



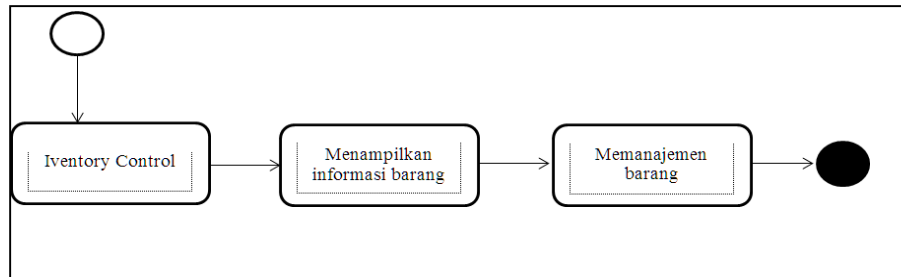
Gambar 1.2 Desain *Work flow* Subsistem Sales

1.2 Desain Subsistem Purchasing



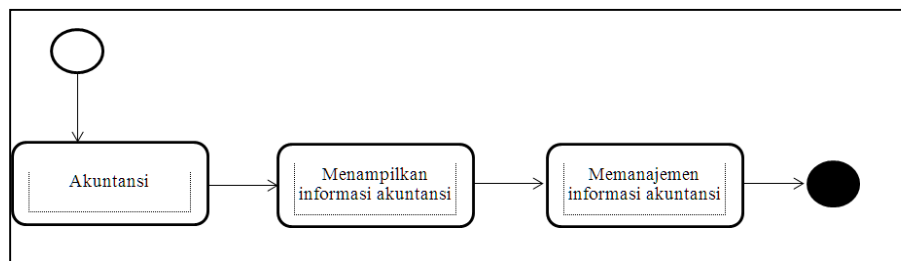
Gambar 1.3 Desain *Work flow* Subsistem Purchasing

1.3 Desain Subsistem Inventory Control



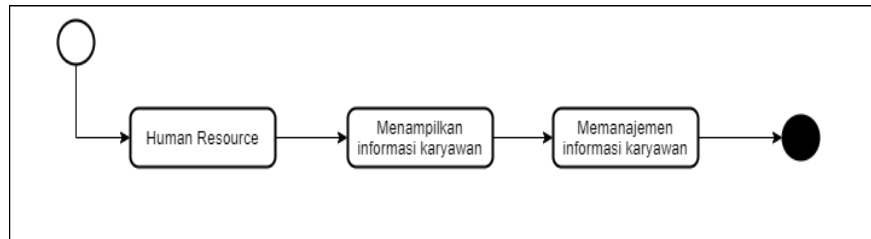
Gambar 1.4 Desain *Work flow* Subsistem Inventory Control

1.4 Desain Subsistem Accounting



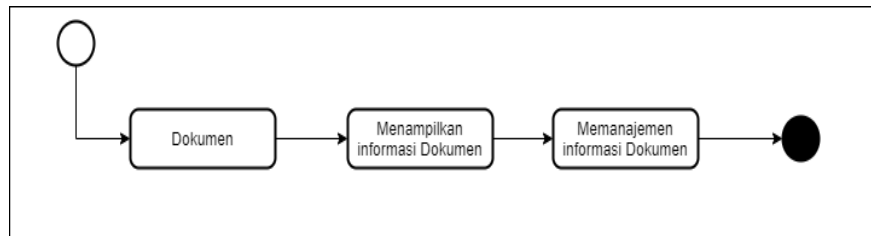
Gambar 1.5 Desain *Work flow* Subsistem Accounting

1.5 Desain Subsistem Human Resource



Gambar 1.7 Desain *Work flow* Subsistem Human Resource

1.6 Desain Subsistem Document Management

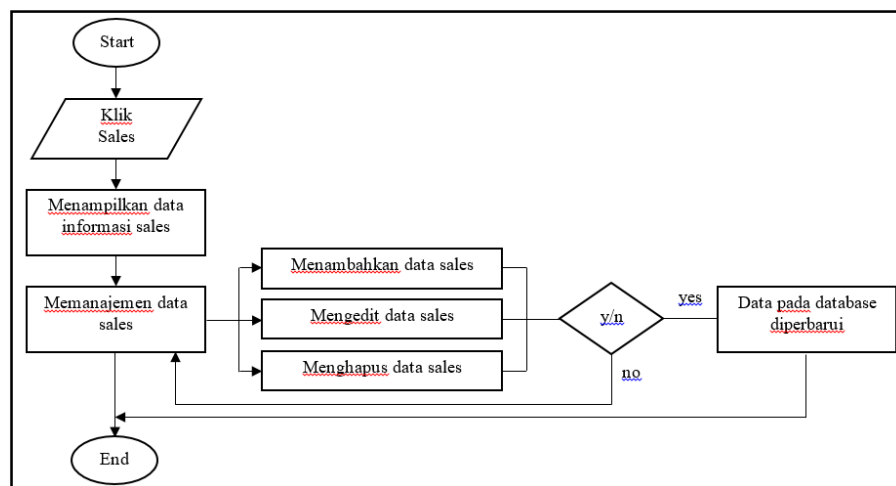


Gambar 1.9 Desain *Work flow* Subsistem Document Management

II. FLOW CHART

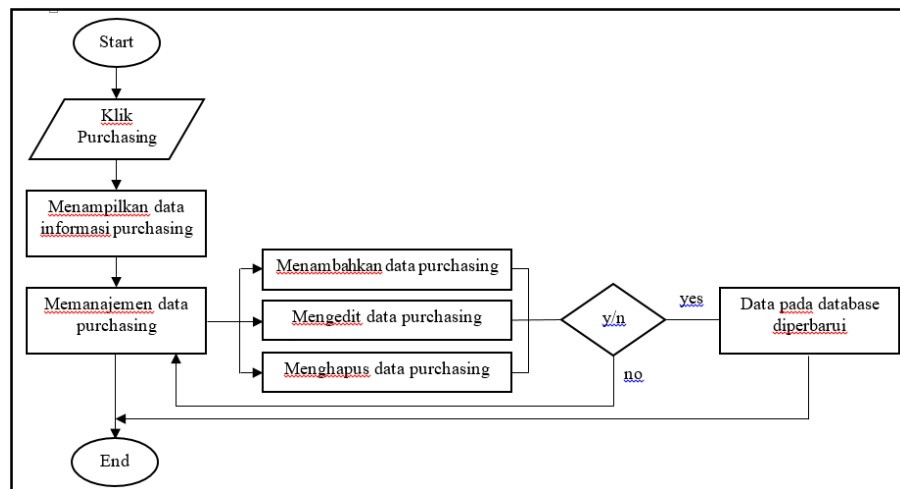
Flow chart merupakan gambaran alur kerja sistem yang lebih mendetail. Sehingga dapat digunakan untuk membantu konstruksi sistem.

2.1 Desain Subsistem Sales



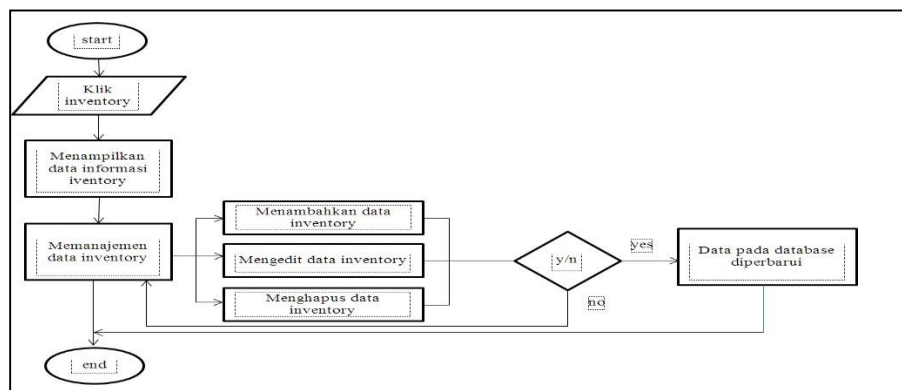
Gambar 2.2 Desain *Flow chart* Subsistem Sales

2.2 Desain Subsistem Purchasing



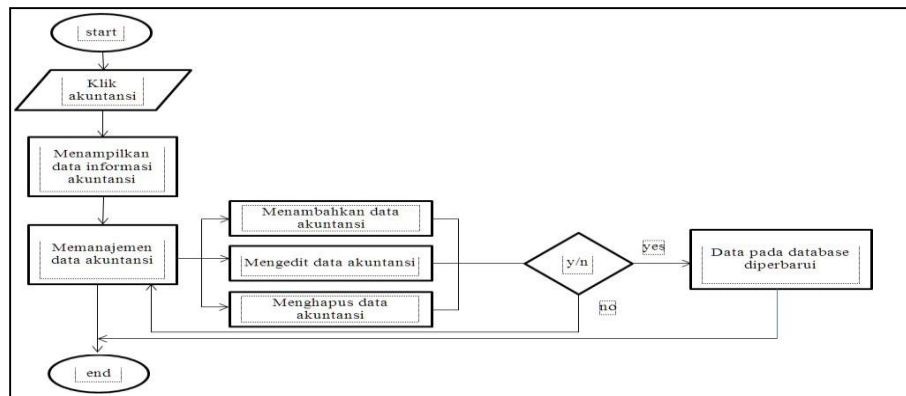
Gambar 2.3 Desain *Flow chart* Subsistem Purchasing

2.3 Desain Subsistem Inventory Control



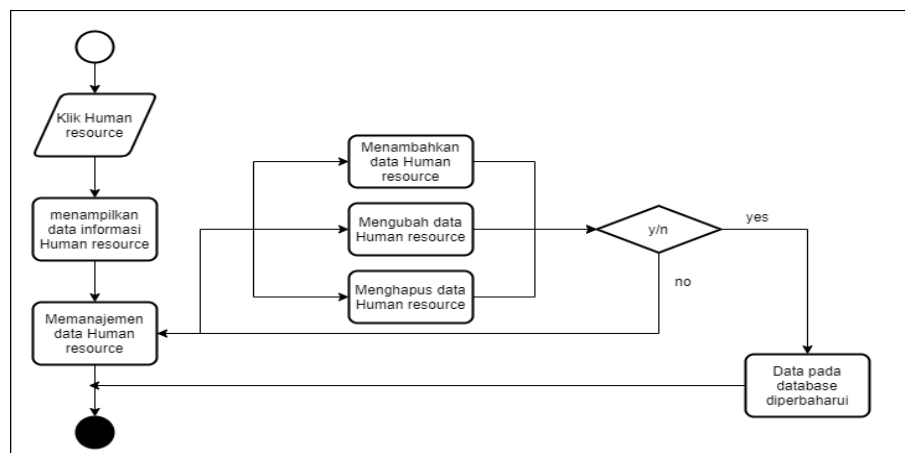
Gambar 2.4 Desain *Flow chart* Subsistem Iventory Control

2.4 Desain Subsistem Accounting



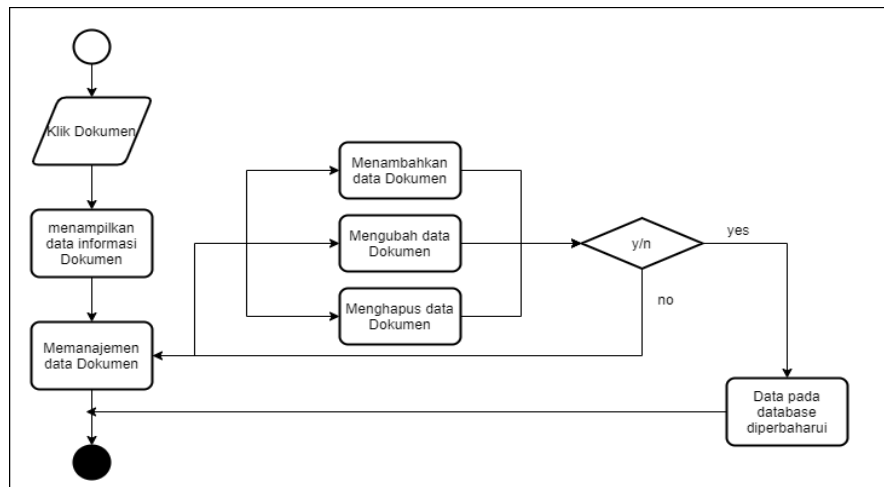
Gambar 2.5 Desain *Flow chart* Subsistem Accounting

2.5 Desain Subsistem Human Resource



Gambar 2.7 Desain *Flow chart* Subsistem Human Resource

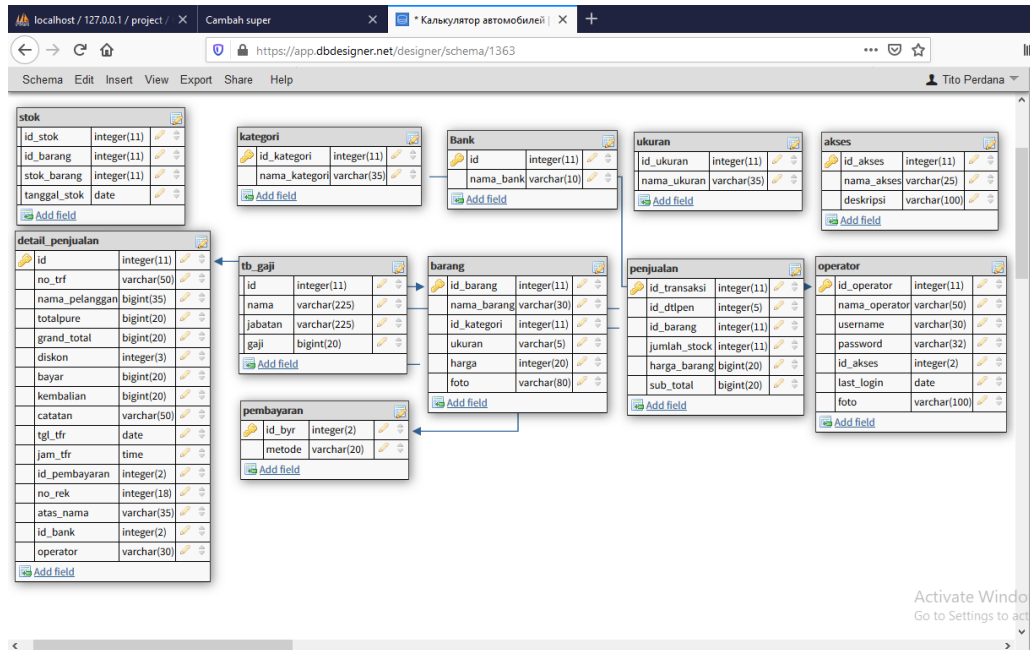
2.6 Desain Subsistem Document Management



Gambar 2.9 Desain *Flow chart* Subsistem Document Management

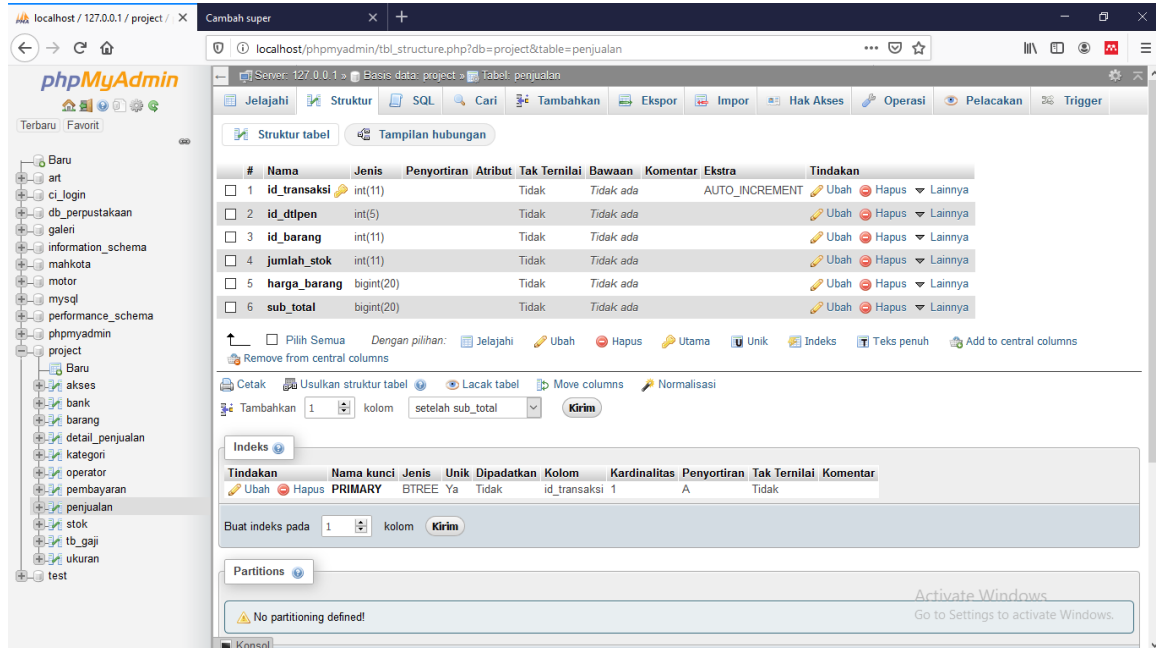
III. PERANCANGAN DATABASE

Perancangan *Database* Sistem Enterprise Perusahaan Cambah ”Cambah Super” ditunjukkan pada Gambar 3



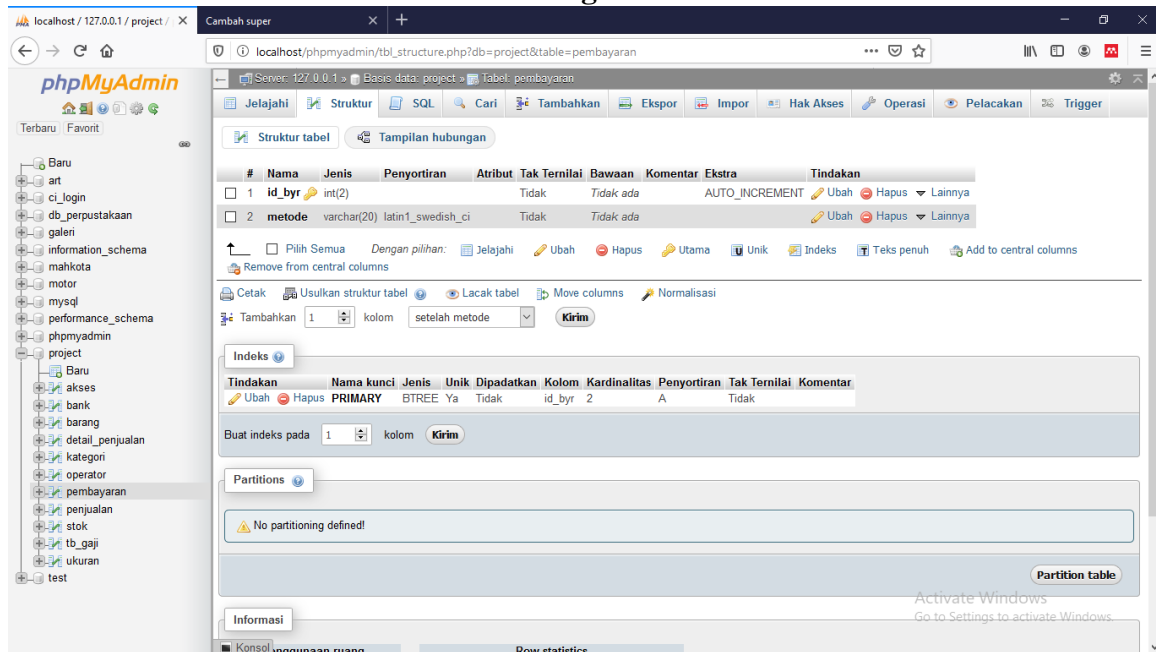
Gambar 3 Perancangan *Database* Sistem Enterprise Perusahaan Cambah ”Cambah Super”

3.1. Database Subsistem Sales



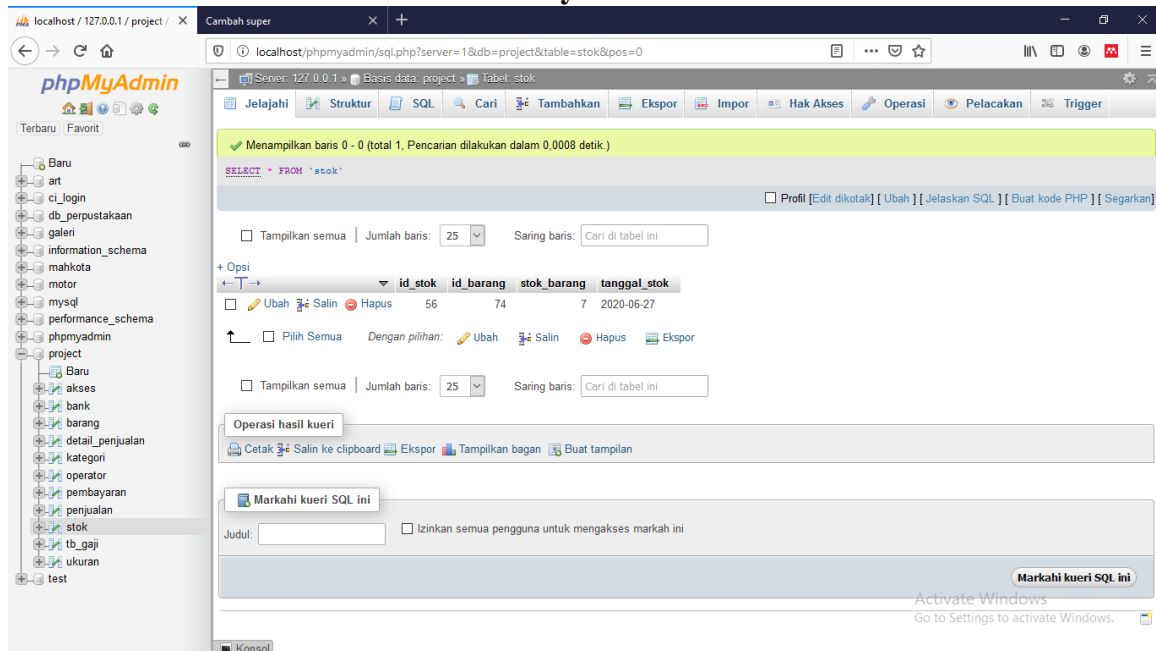
Gambar 3.2 Desain Database Subsistem Sales

3.2. Database Subsistem Purchasing



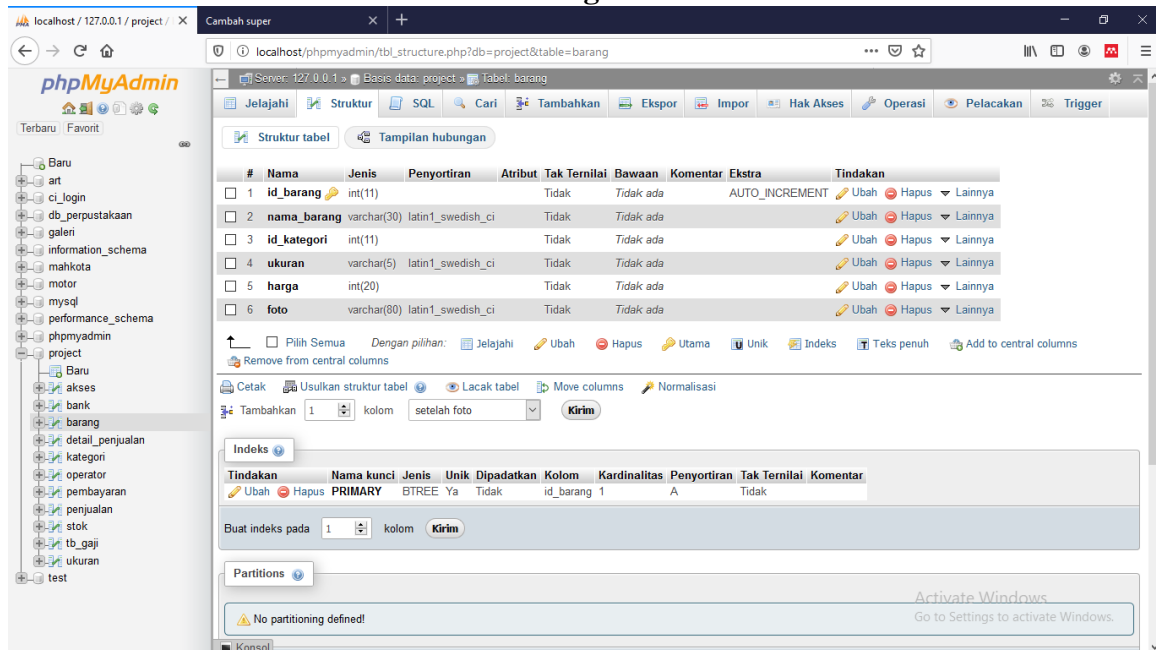
Gambar 3.3 Desain Database Subsistem Purchasing

3.3. Database Subsistem Inventory Control



Gambar 3.4 Desain Database Subsistem Inventory Control

3.4. Database Subsistem Accounting



Gambar 3.5 Desain Database Subsistem Accounting

3.5. Database Subsistem Human Resource

The screenshot shows the phpMyAdmin interface for the 'project' database. The 'operator' table structure is displayed with the following columns:

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
1	id_operator	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	Ubah Hapus Lainnya
2	nama_operator	varchar(50)	latin1_swedish_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
3	username	varchar(30)	latin1_swedish_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
4	password	varchar(32)	latin1_swedish_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
5	id_akses	int(3)			Tidak	Tidak ada			Ubah Hapus Lainnya
6	last_login	date			Tidak	Tidak ada			Ubah Hapus Lainnya
7	foto	varchar(100)	latin1_swedish_ci		Tidak	Tidak ada			Ubah Hapus Lainnya

The 'Indeks' (Indexes) section shows the primary key for the 'id_operator' column:

Tindakan	Nama kunci	Jenis	Unik	Dipadatkan	Kolom	Kardinalitas	Penyortiran	Tak Ternilai	Komentar
Ubah Hapus	PRIMARY	BTREE	Ya	Tidak	id_operator	3	A	Tidak	

The 'Partitions' section shows that no partitions are defined for this table.

Gambar 3.7 Desain Database Subsistem Human Resource

3.6. Database Subsistem Document Management

The screenshot displays the phpMyAdmin web interface. The left sidebar shows a tree view of databases, with 'project' selected. The main panel shows the 'operator' table structure. The table has 7 columns: id_operator, nama_operator, username, password, id_akses, last_login, and foto. The 'id_operator' column is the primary key. The 'Tindakan' column shows actions like 'Ubah' (Edit) and 'Hapus' (Delete). The 'Indeks' section shows the primary key index for 'id_operator'.

#	Nama	Jenis	Penyortiran	Atribut	Tak Ternilai	Bawaan	Komentar	Ekstra	Tindakan
1	id_operator	int(11)			Tidak	Tidak ada		AUTO_INCREMENT	Ubah Hapus Lainnya
2	nama_operator	varchar(50)	latin1_swedish_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
3	username	varchar(30)	latin1_swedish_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
4	password	varchar(32)	latin1_swedish_ci		Tidak	Tidak ada			Ubah Hapus Lainnya
5	id_akses	int(3)			Tidak	Tidak ada			Ubah Hapus Lainnya
6	last_login	date			Tidak	Tidak ada			Ubah Hapus Lainnya
7	foto	varchar(100)	latin1_swedish_ci		Tidak	Tidak ada			Ubah Hapus Lainnya

Indeks

Tindakan	Nama kunci	Jenis	Unik	Dipadatkan	Kolom	Kardinalitas	Penyortiran	Tak Ternilai	Komentar
Ubah Hapus	PRIMARY	BTREE	Ya	Tidak	id_operator	3	A		Tidak

Buat indeks pada 1 kolom Kirim

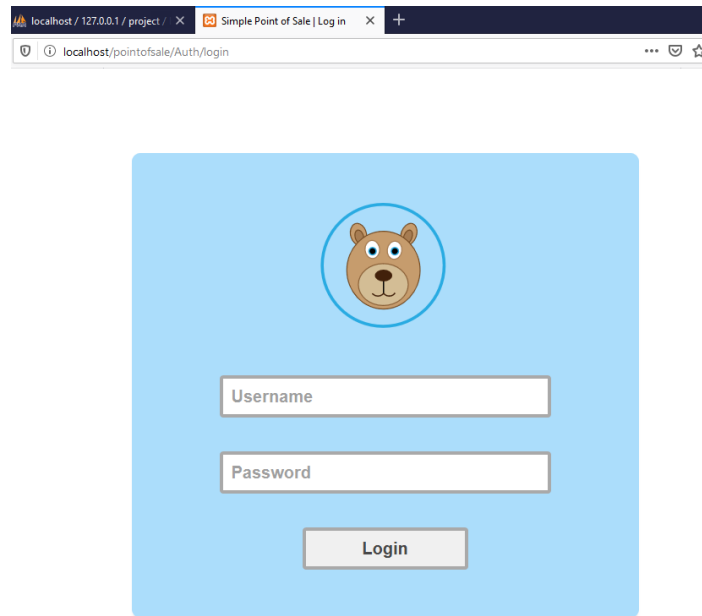
Partitions

Konsol: partitioning defined!

Gambar 3.9 Desain Database Subsistem Document Management

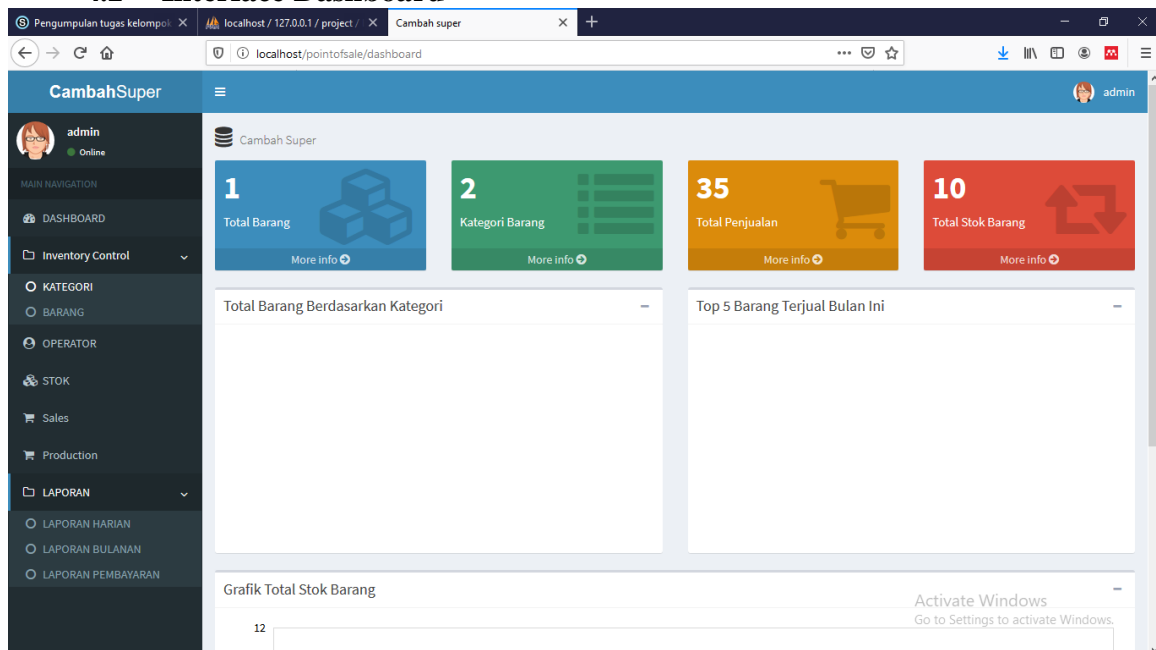
IV. PERANCANGAN INTERFACE

4.1 Interface Login



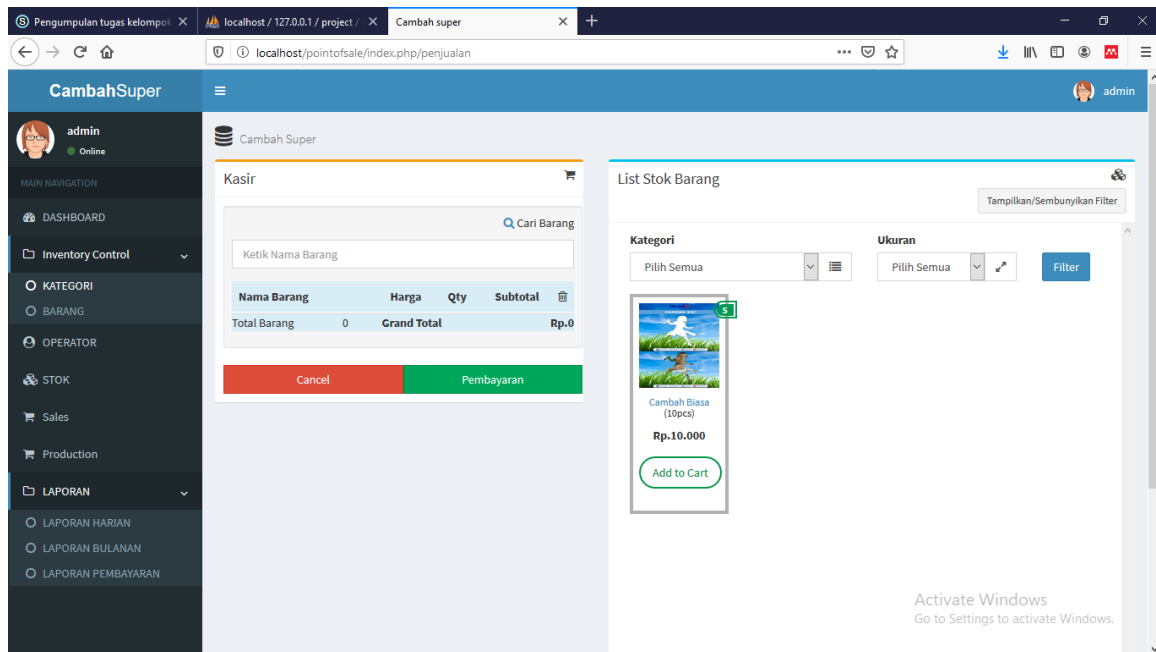
Gambar 4.1 Desain *Interface* Login

4.2 Interface Dashboard



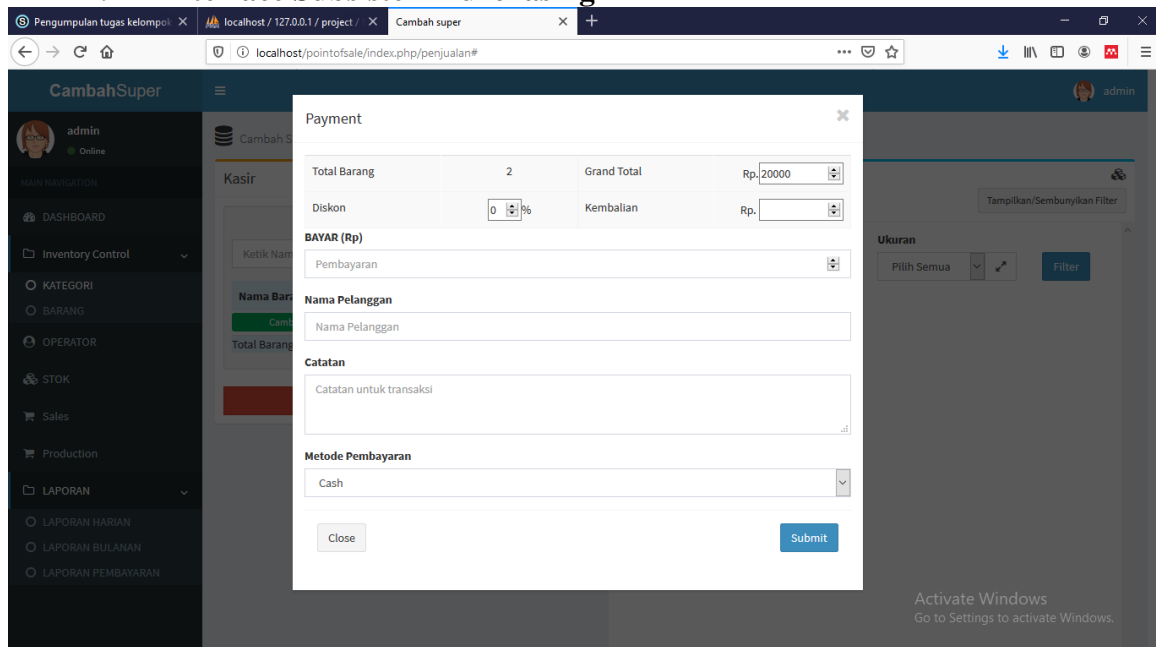
Gambar 4.2 Desain *Interface* Dashboard

4.3 Interface Subsistem Sales



Gambar 4.4 Desain *Interface* Subsistem Sales

4.4 Interface Subsistem Purchasing



4.5 Interface Subsistem Inventory Control

The screenshot displays the 'CambahSuper' web application interface for the 'Inventory Control' subsystem. The interface features a sidebar with navigation options including 'Dashboard', 'Inventory Control', 'KATEGORI', 'BARANG', 'OPERATOR', 'STOK', 'Sales', 'Production', and 'LAPORAN'. The main content area shows a table titled 'Stok Barang' with columns for 'No', 'Nama barang', 'Kategori barang', 'Harga Barang', 'Stok Barang', 'Kapasitas', 'Tanggal', and 'Aksi'. A single entry is displayed for 'Cambah Biasa' with a price of 'Rp.10,000' and a stock of '10'. The interface also includes a search bar, export options (CSV, Excel, Copy, PDF, Print), and pagination controls.

Gambar 4.6 Desain *Interface* Subsistem Inventory Control

4.6 Interface Subsistem Accounting

The screenshot displays the 'CambahSuper' web application interface for the 'Accounting' subsystem. The interface features a sidebar with navigation options including 'Dashboard', 'Inventory Control', 'KATEGORI', 'BARANG', 'OPERATOR', 'STOK', 'Sales', 'Production', and 'LAPORAN'. The main content area shows a table titled 'Data Laporan' with columns for 'No', 'No Transaksi', 'Nama Pelanggan', 'Tanggal Transaksi', 'Jam Transaksi', 'Metode Pembayaran', and 'Aksi'. A single entry is displayed for 'C20200627011' with a date of '2020-06-27' and a payment method of 'Cash'. The interface also includes a search bar, export options (CSV, Excel, Copy, PDF, Print), and pagination controls.

4.7 Interface Subsistem Human Resource

The screenshot displays the CambahSuper web application interface. The browser address bar shows the URL `localhost/pointofsale/index.php/operator`. The application header includes the CambahSuper logo and a user profile for 'admin'. The left sidebar contains a main navigation menu with the following items: DASHBOARD, Inventory Control, KATEGORI, BARANG, OPERATOR (highlighted), STOK, Sales, Production, and LAPORAN. The main content area is titled 'Operator' and features a 'Tambah Data' button. Below the title, there is a search bar and a table listing operators. The table has columns for No, Nama Operator, Username, Akses, Foto, and Operasi. The data rows are as follows:

No	Nama Operator	Username	Akses	Foto	Operasi
1	Cicik Fitria Ningsih	admin	administrator		Edit Hapus
2	jeff	jeff	administrator		Edit Hapus
3	jefri	jefri	Asisten admin		Edit Hapus

Below the table, it indicates 'Showing 1 to 3 of 3 entries' and provides navigation links: Previous, 1, Next. The footer of the application shows 'Copyright © 2020 Gondrong Squad.' and 'Version 2.4.7'. An 'Activate Windows' watermark is visible in the bottom right corner.

4.8 Interface Subsistem Document Managemen

The screenshot displays the 'Cambah Super' web application interface. The browser address bar shows the URL: `localhost/pointofsale/index.php/lapharian/index/2020/06`. The application title is 'Cambah Super'. The main content area is titled 'Laporan Penjualan Harian' (Daily Sales Report).

Summary Cards:

- PENDAPATAN:** Rp.30,000 (Total Pendapatan)
- BARANG TERJUAL:** 3 (Total Barang Terjual)
- TOTAL PENJUALAN:** 1 (Total Penjualan)
- BARANG TERLARIS:** Cambah Biasa (Barang Terlaris)

Calendar View (Juni 2020):

Minggu	Senin	Selasa	Rabu	Kamis	Jumat	Sabtu
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				Rp.30,000

Footer:

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Activate Windows
Go to Settings to activate Windows.

