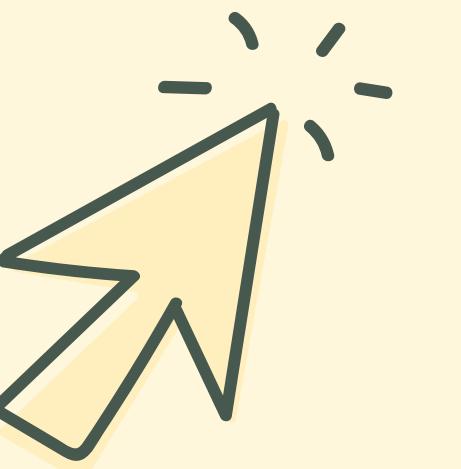




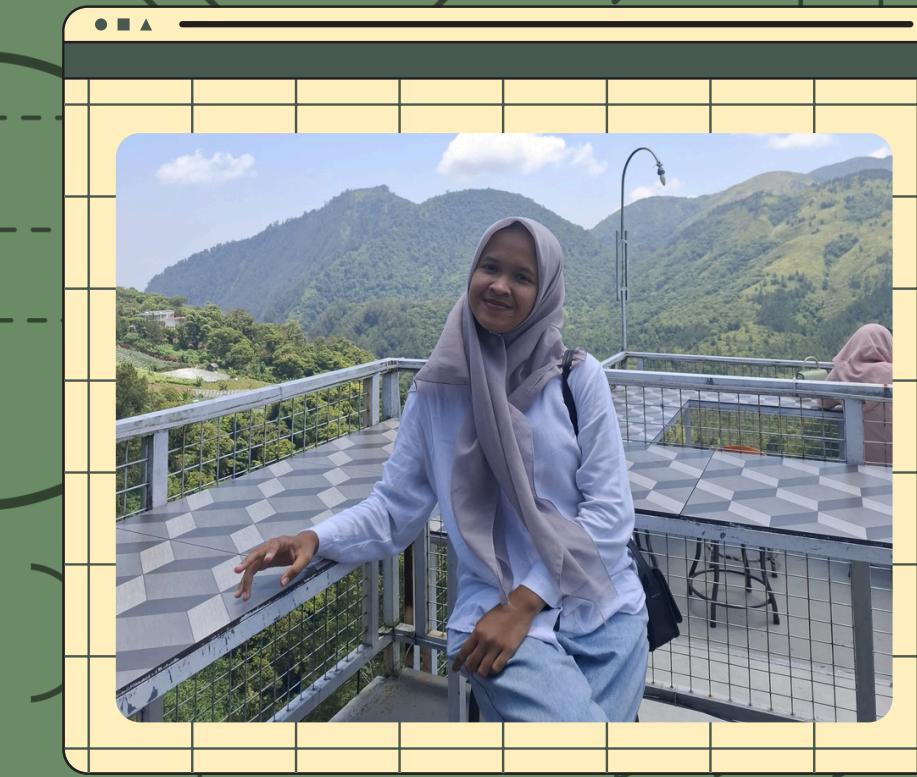
DOKUMENTASI AWAL PROYEK PENGEMBANGAN BASIS DATA PENGELOLAAN CAFFESHOP

KELompok 2
BASIS DATA





ANGGOTA KELompok



AMALIA K.N



243307064

USER 3 (SLAVE)

ANNISA DHEAS



243307068

USER 1 (PENGEMBANG)

NANDA HERNI P



243307079

USER 2 (MASTER)



DAFTAR ISI



1

SISTEM CAFESHOP



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USER STORY

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TABEL ERD

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MODEL SCHEMA

5

MODEL ERD

6

KESIMPULAN

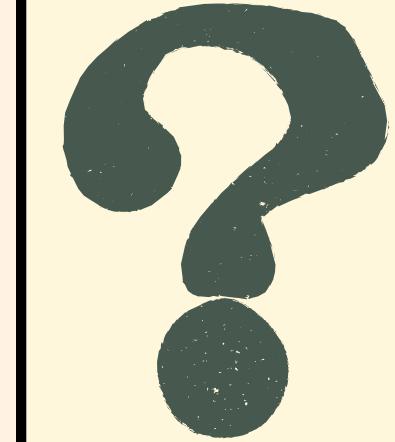


SISTEM CAFFE SHOP



000

Caffeshop mengalami pertumbuhan pesat, namun pengelolaan data menu, transaksi, dan pelanggan masih mengalami ketidakakuratan data, proses yang lambat, dan kesulitan pelaporan. Untuk mengatasi hal ini, akan diimplementasikan sistem database terintegrasi yang mencakup pengelolaan menu, pencatatan transaksi, dan manajemen pengelolaan caffe. Sistem ini bertujuan meningkatkan efisiensi operasional, akurasi data, dan pelayanan pelanggan, sekaligus mendukung analisis penjualan dan pengambilan keputusan bisnis.



USER STORY

1. User story 1 :

- Sebagai pengelola cafe saya ingin memantau laporan jumlah penjualan di dalam sistem sehingga mempermudah dalam pengelolaan bisnis menjadi lebih efisien.

Kriteria penerimaan : tampilan laporan penjualan (tanggal penjualan, id_transaksi, nama produk, jumlah terjual,harga satuan, total penjualan, metode penjualan,)

2. User story 2 :

- Sebagai kasir saya ingin memasukkan pesanan pelanggan ke dalam system sehingga mempercepat dan mempermudah dalam pelaporan penjualan

Kriteria penerimaan : tampilan untuk memasukkan pesanan pelanggan

3. User story 3 :

- Sebagai staf gudang saya ingin memasukkan data bahan baku ke dalam sistem sehingga mempermudah pemantauan stok

Kriteria penerimaan : tampilan untuk memasukan nama dan jumlah bahan baku

4. User story 4 :

- Sebagai barista saya ingin memasukkan menu baru ke dalam sistem sehingga mempermudah dalam pemesanan.

Kriteria penerimaan : tampilan untuk memasukan menu.

MODEL ERD

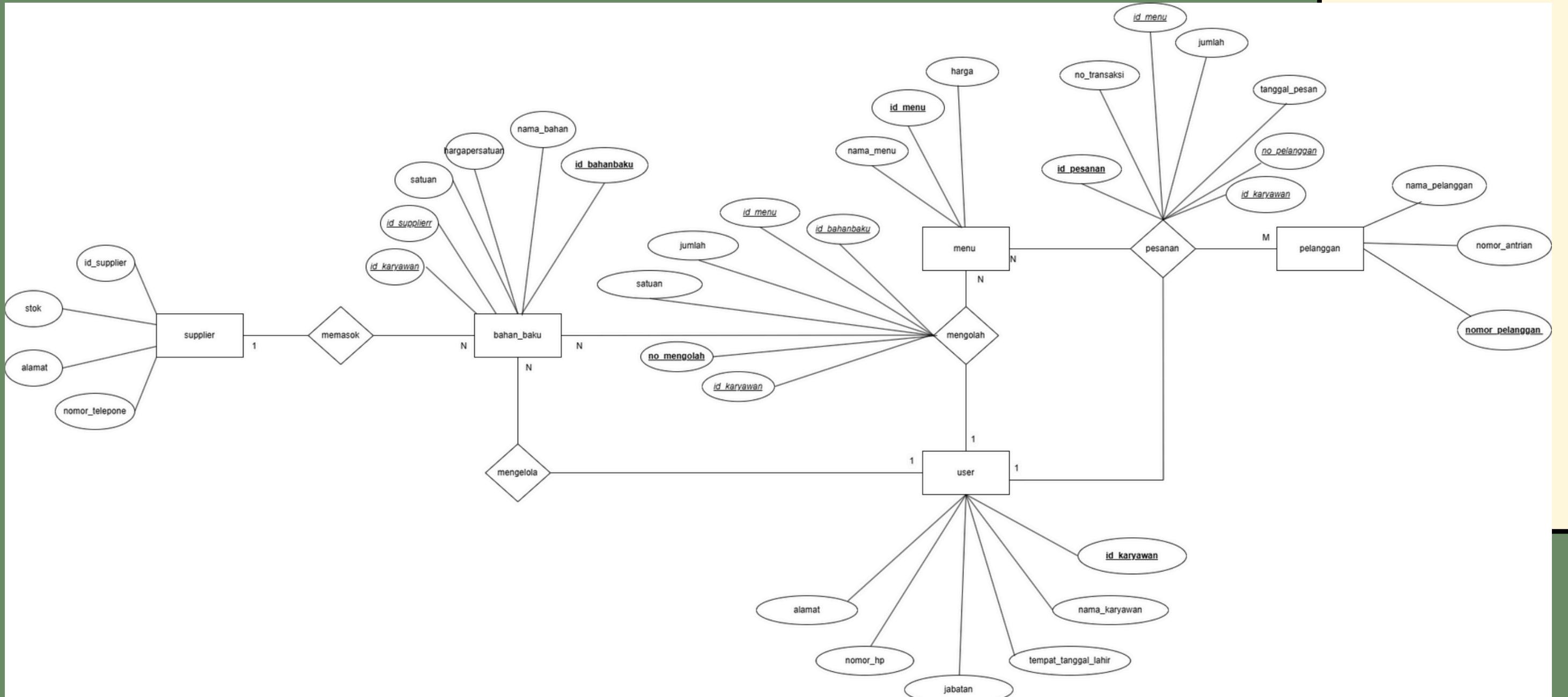
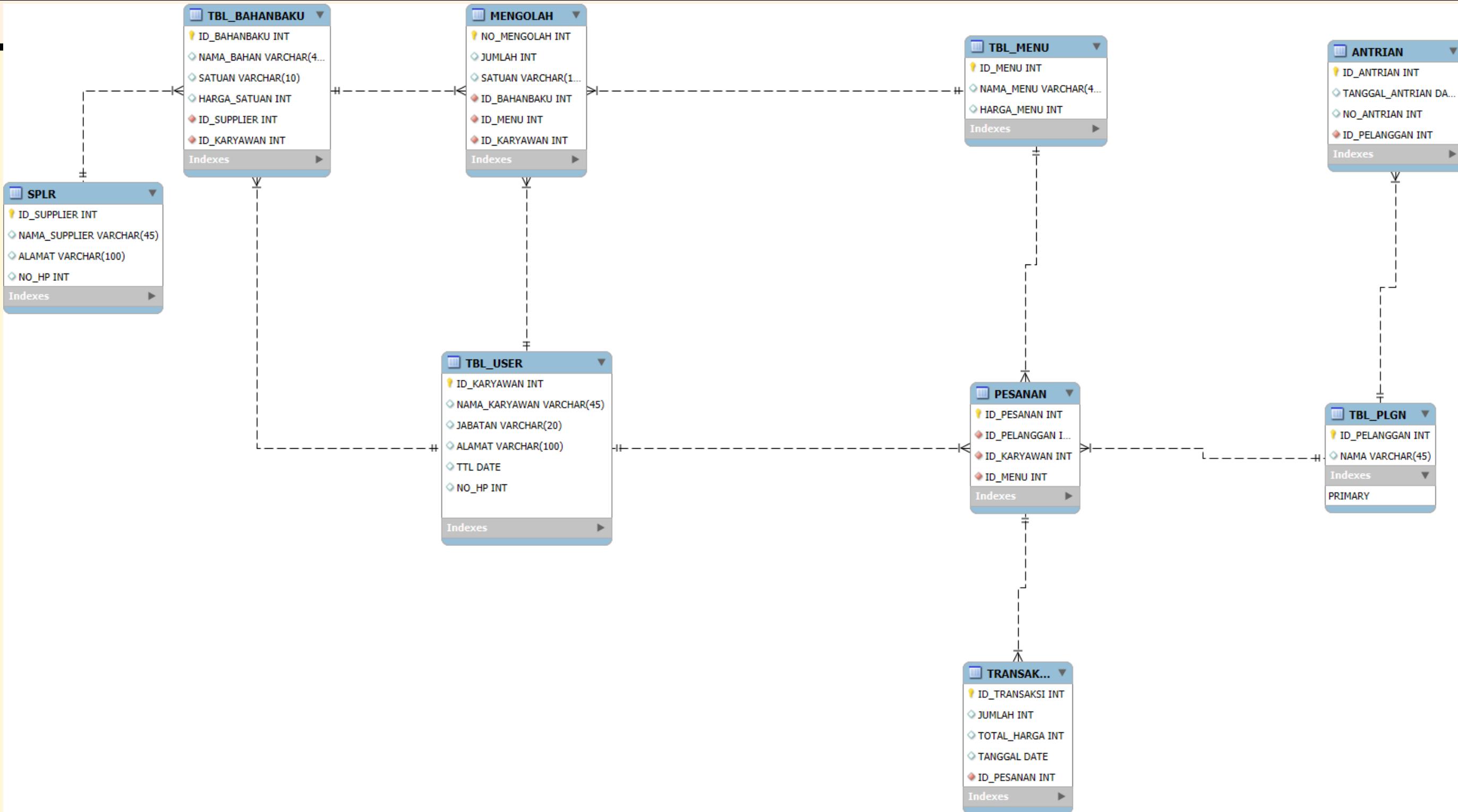


Diagram EER ini menggambarkan jaringan hubungan antar entitas dalam sistem. Hubungan-hubungan ini menunjukkan keterkaitan dan saling ketergantungan antara berbagai aspek, sehingga memberikan gambaran yang komprehensif tentang struktur data dalam sistem.



MODEL SCHEMA





TABEL ERD



STRUKTUR TABEL DATABASE CAFESHOP SUGARDADDY

Tabel "kry"



<u>Id karyawan(pk)</u>	<u>Nama karyawan</u>	<u>Jabatan</u>	<u>Alamat</u>	<u>TTL</u>	<u>No hp</u>
2201	Amalia	Barista	Jl. Panjaitan no.20 Madiun	20-12- 2000	089723456656
2101	Nanda	<u>Staf gudang</u>	Jl. Ponorogo- Madiun	21-04- 2000	098765456787
2001	Annisa	<u>kasir</u>	Jl. Salak no. 25 Madiun	10-10- 2000	087654346787
2202	Faris	<u>Pengelola cafe</u>	Jl. Raden Patah no.67 Madiun	12-12- 1995	098234567877





TABEL ERD



⊕ Tabel “Bahanbaku”

Id bahanbaku(pk)	Nama bahan	Harga satuan	satuan	Idsupplier(fk)	Id karyawan(fk)
1001	Telur	15000	kg	23	2101
1002	Kopi	50000	kg	23	2101
1003	kentang	13000	kg	23	2101

⊕ Tabel “Menu”

id menu(pk)	Nama menu	Harga menu
1	Telur kribo	15.000
2	Creamylatte	20.000
3	Kentang goreng	10.000

⊕ Tabel “Mengolah”

No mengolah(pk)	Jumlah	satuan	Id bahan-baku(fk)	id menu(fk)	Id karyawan(fk)
4001	1	gram	1001	1	2201
4002	4	ml	1002	2	2201
4003	5	gram	1003	3	2201



TABEL ERD



■ Tabel “pesanan”

<u>id_pesanen(pk)</u>	<u>id_pelanggan(fk)</u>	<u>Id_karyawan(fk)</u>	<u>Id_menu</u>
123	111	2001	1
124	112	2001	2
125	113	2001	3

■ Tabel “Splr”

<u>Id_supplier</u>	<u>Nama</u>	<u>Alamat</u>	<u>No_hp</u>
23	Bimo Prawiranata	Jl.Panjaitan no.3 Ponorogo	982345678

■ Tabel “plgn”

<u>No_pelanggan(PK)</u>	<u>Nama_pelanggan</u>
111	Lia
112	Pram
113	Fira
114	lia



TABEL ERD



⊕ Tabel “Antrian” (*Normalisasi*)

<u>Id Antrian(pk)</u>	<u>Tanggal antrian</u>	<u>No antrian</u>	<u>Id pelanggan(FK)</u>
130	12-01-2024	20	111
131	12-01-2024	21	112
132	13-01-2024	20	114

⊕ Tabel “Transaksi pesanan” (*Normalisasi*)

<u>id Transaksi(pk)</u>	<u>Jumlah</u>	<u>Total harga</u>	<u>Tanggal</u>	<u>id pesanan(fk)</u>
145	1	Rp. 20000	12-01-2024	123
146	2	Rp. 30000	12-01-2024	124
147	5	Rp. 50000	13-01-2024	125

USER 1 (PENGEMBANG)

```
,  
"require-dev": {  
    "yiisoft/yii2-debug": "~2.1.0",  
    "yiisoft/yii2-gii": "~2.2.0",  
    "yiisoft/yii2-faker": "~2.0.0",  
    "codeception/codeception": "^5.0.0 || ^4.0",  
    "codeception/lib-innerbrowser": "^4.0 || ^3.0 || ^1.1",  
    "codeception/module-asserts": "^3.0 || ^1.1",  
    "codeception/module-yii2": "^1.1",  
    "codeception/module-filesystem": "^3.0 || ^2.0 || ^1.1",  
    "codeception/verify": "^3.0 || ^2.2",  
    "symfony/browser-kit": "^6.0 || >=2.7 <=4.2.4",  
    "yiisoft/yii2-gii": "~2.1.0"  
},
```

```
db - Notepad  
File Edit Format View Help  
<?php  
  
return [  
    'class' => 'yii\db\Connection',  
    'dsn' => 'mysql:host=10.252.1.104:3306;dbname=db_cafeshop',  
    'username' => 'pengdhea',  
    'password' => '12345',  
    'charset' => 'utf8',  
  
    // Schema cache options (for production environment)  
    // 'enableSchemaCache' => true,  
    // 'schemaCacheDuration' => 60,  
    // 'schemaCache' => 'cache',  
];
```

1. Masuk ke Composer Notepad tambahin tanda ‘,’ di bagian akhir

2. Masuk ke db Notepad yang telah di buat oleh user 2 untuk mengganti IP, username, dan password

```
C:\WINDOWS\system32\cmd.exe  
> yii\composer\Installer::postInstall  
C:\Users\User>cd basic  
C:\Users\User\basic>composer update  
Loading composer repositories with package information  
Updating dependencies  
Nothing to modify in lock file  
Writing lock file
```

3. Masuk ke CMD Ketik “cd basic”

```
C:\Users\User\basic>php yii serve  
Server started on http://localhost:8080/  
Document root is "C:\Users\User\basic\web"  
Quit the server with CTRL-C or COMMAND-C.  
[Thu Nov 28 15:48:51 2024] PHP 8.2.12 Development Server (http://localhost:8080) started  
[Thu Nov 28 15:50:36 2024] [::1]:65015 Accepted  
[Thu Nov 28 15:52:23 2024] [::1]:65015 [200]: GET /
```

4. Selanjutnya ketik “php yii serve”

USER1 (PENGEMBANG)

Congratulations!

You have successfully created your Yii-powered application.

Get started with Yii

Model Generator

CRUD Generator

Controller Generator

Form Generator

Module Generator

Extension Generator

Model Generator

This generator generates an ActiveRecord class for a database table.

Database Connection ID
db

Use Table Prefix

Use Schema Name

Table Name
splir

5. Masuk ke web server
(<http://localhost:8080>)

6. Masuk ke Model Generator Untuk Mengisi Table Nama

Model Generator

CRUD Generator

Controller Generator

Form Generator

Module Generator

Extension Generator

CRUD Generator

This generator generates a controller and views that implement CRUD (Create, Read, Update, Delete) operations for a model.

Model Class

app\models\splir

Search Model Class

app\models\splirSearch

Controller Class

app\controllers\SplirController

7. Masuk ke CRUD Generator Untuk Mengisi Model

USER 1 (MASTER)

```
# Replication Master Server (default)
# binary logging is required for replication
# log-bin deactivated by default since XAMPP 1.4.11
log-bin=mysql-bin

# required unique id between 1 and 2^32 - 1
# defaults to 1 if master-host is not set
# but will not function as a master if omitted
server-id =1
binlog_do_db=db_cafeshop
```

MASUK PADA XAMPP

```
218-PC024@DESKTOP-Q8INKFU d:\samp
# mysql -u root -h 127.0.0.1 -P 3306 -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 10
Server version: 10.4.32-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
```

MASUK PADA XAMPP >
MY.INI> NOTE >
HAPUS COMMENT (#)
PADA SERVED-ID=1
log-bin=mysql-bin
(agar bisa dibaca)

TAMBAHKAN >
binlog_do_db=namadata
base
(agar show master
terbaca)

MEMBUAT USER KE 3 (CREATE DAN GRANT)

```
MariaDB [(none)]>
MariaDB [(none)]> create user 'repamal'@'%' identified by '00998877';
Query OK, 0 rows affected (0.027 sec)

MariaDB [(none)]> grant replication slave on *.* to 'repamal'@'%';
Query OK, 0 rows affected (0.028 sec)
```

SHOW MASTER STATUS;

```
MariaDB [(none)]>
MariaDB [(none)]> show master status;
ERROR 2006 (HY000): MySQL server has gone away
No connection. Trying to reconnect...
Connection id: 9
Current database: *** NONE ***

+-----+-----+-----+
| File      | Position | Binlog_Do_Database |
+-----+-----+-----+
| mysql-bin.000001 |      328 |                  |
+-----+-----+-----+
1 row in set (0.002 sec)
```



USER 2 (MASTER)

MEMBUAT USER PENGGUNA 1

```
MariaDB [(none)]> create user 'pengdhea'@'%' identified by '12345';
Query OK, 0 rows affected (0.028 sec)
```

MEMBERIKAN AKSES GRANT PRIVILEGES UNTUK USER 1

```
mysql> grant all privileges on db_cafeshop.* to 'pengdhea'@'%';
Query OK, 0 rows affected (0.032 sec)

MariaDB [(none)]> show grants for pengdhea;
+-----+
| Grants for pengdhea@%                                |
+-----+
| GRANT USAGE ON `*.*` TO `pengdhea`@`%` IDENTIFIED BY PASSWORD '*88A51F3F48415C7D4E8908980D443C29C69B60C9'
| GRANT ALL PRIVILEGES ON `db_cafeshop`.* TO `pengdhea`@`%`                                |
+-----+
2 rows in set (0.000 sec)

MariaDB [(none)]>
```

MEMBUAT DATABASE DAN MENGGUNAKAN

```
MariaDB [(none)]> create database db_cafeshop;
Query OK, 1 row affected (0.001 sec)
```

MEMBUAT TABLE

```
Database changed
MariaDB [db_cafeshop]> show tables;
+-----+
| Tables_in_db_cafeshop |
+-----+
| antrian
| bahanbaku
| mengolah
| menu
| pelanggan
| pesanan
| supplier
| transaksi
| user
+-----+
9 rows in set (0.000 sec)
```

QUERY :
CREATE TABLE NAMA TABLE(
NAMA COLUMN TYPE DATA,
PRIMARY KEY(PK)
FOREIGN KEY(FK) REFERENCES TABEL(FK)
);



USER 2 (MASTER)

MENAMBAHKAN DATA KE TABLE

```
MariaDB [db_cafeshop]> insert into supplier(id_supplier, nama_supplier, alamat, no_hp) values
-> (23, 'Bimo Prawiranata', 'jl.Panjaitan no.3 Ponorego', '0982345678');
Query OK, 1 row affected (0.058 sec)
```

MELIHAT TABLE DAN MENAMPILKAN TABLE

```
MariaDB [db_cafeshop]> desc supplier;
+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+
| id_supplier | int(11) | NO  | PRI | NULL    |
| nama_supplier | varchar(45) | YES |     | NULL    |
| alamat | varchar(100) | YES |     | NULL    |
| no_hp | int(11) | YES |     | NULL    |
+-----+-----+-----+-----+
4 rows in set (0.016 sec)
```

```
MariaDB [db_cafeshop]> select * from supplier;
+-----+-----+-----+-----+
| id_supplier | nama_supplier | alamat      | no_hp    |
+-----+-----+-----+-----+
| 23 | Bimo Prawiranata | jl.Panjaitan no.3 Ponorego | 982345678 |
+-----+-----+-----+-----+
1 row in set (0.000 sec)
```

RENAME TABLE

```
MariaDB [db_cafeshop]> rename table pelanggan to plgn;
Query OK, 0 rows affected (0.174 sec)
```

SHOW MASTER STATUS

```
MariaDB [(none)]> show master status;
+-----+-----+-----+-----+
| File      | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+-----+-----+
| mysql-bin.000005 | 342 |          |
+-----+-----+-----+
1 row in set (0.000 sec)
```

```
MariaDB [(none)]> Bye
```

```
:18-PC024@DESKTOP-Q8INKFU d:\samp
mysql -u root -h 127.0.0.1 -P 3306 -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 9
Server version: 10.4.32-MariaDB-log mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
```

```
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

```
MariaDB [(none)]> show master status;
```

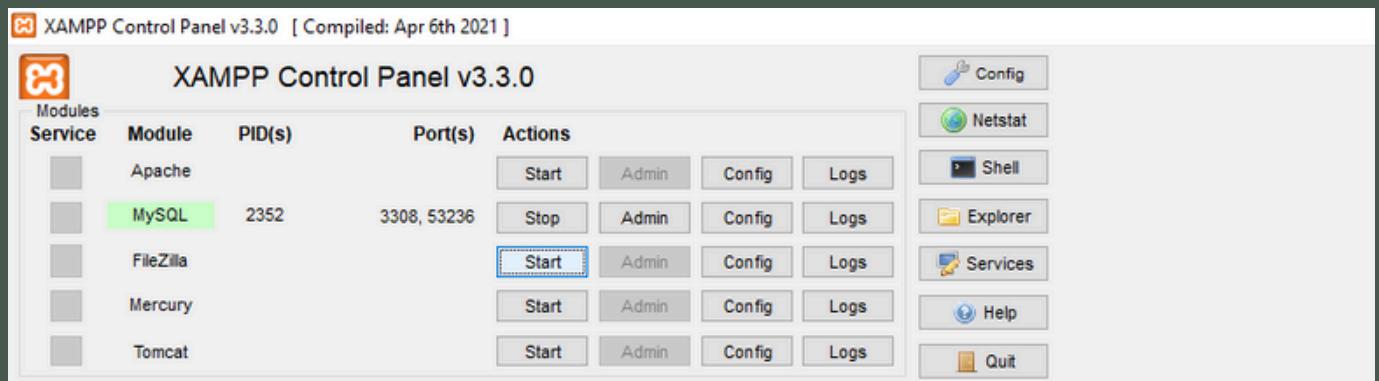
```
+-----+-----+-----+-----+
| File      | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+-----+-----+
| mysql-bin.000006 | 342 | db_cafeshop |
+-----+-----+-----+
1 row in set (0.000 sec)
```

```
MariaDB [(none)]>
```



VSER 3 ((SLAVE))

START MYSQL PADA APK XAMPP



**ASUK PADA XAMPP > MY.INI> NOTE >
HAPUS COMMENT (#) PADA SERVED-ID=2
log-bin=mysql-bin > (agar bisa dibaca)**

```
# required unique id between 2 and 2^32 - 1
# (and different from the master)
# defaults to 2 if master-host is set
# but will not function as a slave if omitted
server-id      = 2
#
# The replication master for this slave - required
#master-host    = <hostname>
15:50:59
15:51:00
```

MASUK PADA MYSQL

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p
Setting environment for using XAMPP for Windows.
Asus@DESKTOP-0383I6A c:\xampp
# mysql -u root -h 127.0.0.1 -P 3308 -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 11
Server version: 10.4.32-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```



VSER 3 ((SLAVE))

STOP SLAVE

```
MariaDB [(none)]> stop slave;
Query OK, 0 rows affected (0.010 sec)
```

MASUK KEMBALI DI MYSQL

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p
# mysql -u root -h 127.0.0.1 -P 3308 -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 14
Server version: 10.4.32-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

CHANGE MASTER

```
MariaDB [(none)]> change master to master_host= '10.252.1.104', master_log_file= 'mysql-bin.000006', master_log_pos= 342;
Query OK, 0 rows affected (0.020 sec)
```

START SLAVE

```
MariaDB [(none)]> start slave;
Query OK, 0 rows affected (0.001 sec)
```

SHOW DATABASES

```
MariaDB [db_cafeshop]> show tables;
+-----+
| Tables_in_db_cafeshop |
+-----+
| antrian
| bahanbaku
| mengolah
| menu
| pelanggan
| pesanan
| supplier
| transaksi
| user
+-----+
9 rows in set (0.004 sec)
```

SHOW SLAVE STATUS\G

```
MariaDB [(none)]> show slave status\G;
***** 1. row *****
Slave_IO_State:
```



KEsimpulan



ooo

Dengan berhasilnya implementasi sistem database CAFFE SHOP, kini pengelolaan caffe menjadi lebih efisien dan akurat. Sistem ini mengintegrasikan berbagai aspek operasional, mulai dari menu hingga laporan keuangan, sehingga memudahkan karyawan maupun pengelola caffe dalam proses manajemen caffeshop .



TERIMAKASIH

