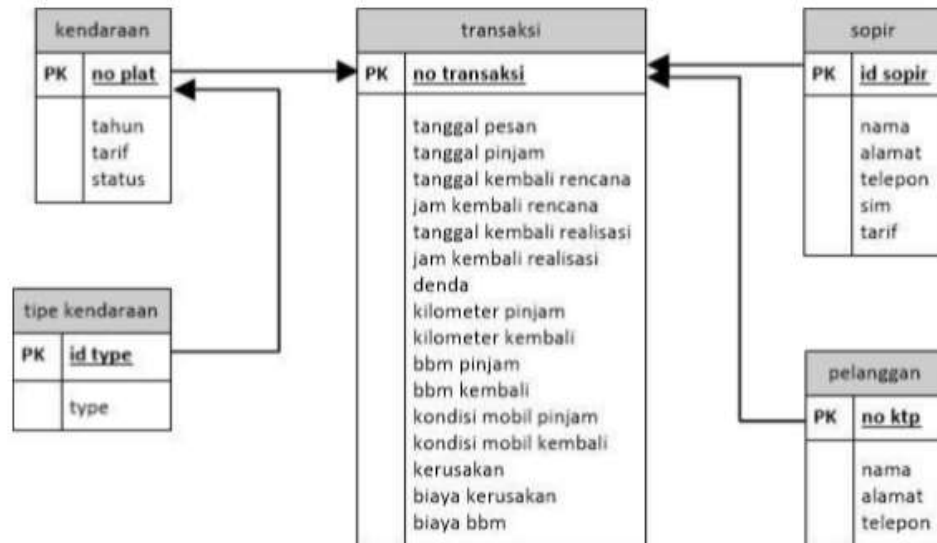


5.6 Latihan

5.6. LATIHAN

Susun Database berdasarkan skema dibawah ini:



Workflow penggunaan aplikasi dari skema diatas adalah sebagai berikut:

- Operator melakukan login
- Operator mendata kendaraan yang bisa disewakan
- Operator mendata sopir yang tersedia
- Operator Menginput data pelanggan apabila ada pelanggan yang baru pertama kali datang melakukan sewa mobil.
- Operator mendata proses transaksi sewa mobil
 - Transaksi Sewa
 - Transaksi Pengembalian Mobil
 - Denda
- Operator dapat memonitoring reporting harian transaksi dan history harian transaksi.
- Owner dapat memonitoring rekapitulasi transaksi sesuai filter yang disediakan (harian, mingguan, bulanan dan 1 tahun)

```
Command Prompt - mysql -u root -p

MariaDB [(none)]> prompt A22.2019.02730 =>
PROMPT set to 'A22.2019.02730 => '
A22.2019.02730 => show databases;
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| pendaftaran |
| performance_schema |
| phpmyadmin |
| rumah_sehat |
| stok_corona |
| test |
| ujian_uts3201 |
| universitas |
+-----+
10 rows in set (0.001 sec)

A22.2019.02730 => create table sewa_kendaraan;
ERROR 1046 (3D000): No database selected
A22.2019.02730 => create database sewa_kendaraan;
Query OK, 1 row affected (0.004 sec)
```

```
Command Prompt - mysql -u root -p

A22.2019.02730 => use sewa_kendaraan;
Database changed
A22.2019.02730 => create table kendaraan (no_plat int(10) primary key, tahun int(4),
-> tarif int(12), status varcharat(10));
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'varcharat(10))' at line 2
A22.2019.02730 => create table kendaraan (no_plat int(10) primary key, tahun int(4), tarif int(12), status varchar(10)
);
Query OK, 0 rows affected (0.031 sec)

A22.2019.02730 => desc kendaraan;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_plat | int(10) | NO | PRI | NULL | |
| tahun | int(4) | YES | | NULL | |
| tarif | int(12) | YES | | NULL | |
| status | varchar(10) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.035 sec)
```

```
Command Prompt - mysql -u root -p

A22.2019.02730 => create table tipe_kendaraan (id_type varchar(10) primary key, type varchar(25));
Query OK, 0 rows affected (0.025 sec)

A22.2019.02730 => desc tipe_kendaraan;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_type | varchar(10) | NO | PRI | NULL | |
| type | varchar(25) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.033 sec)
```

```
Command Prompt - mysql -u root -p
A22.2019.02730 => create table transaksi (no_transaksi int(13) primary key, tanggal_pesanan date, tanggal_pinjam date, tanggal_kembali_rencana date, jam_kembali_rencana char(6), tanggal_kembali_realisasi date, jam_kembali_realisasi char(6), denda int(15), kilometer_pinjam int(7), kilometer_kembali int(7), BBM_pinjam int(5), BBM_kembali int(5), kondisi_mobil_pinjam varchar(50), kondisi_mobil_kembali varchar(50), kerusakan varchar(50), biaya_kerusakan int(15), biaya_BBM int(15));
Query OK, 0 rows affected (0.033 sec)

A22.2019.02730 => desc transaksi;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_transaksi | int(13) | NO | PRI | NULL | |
| tanggal_pesanan | date | YES | | NULL | |
| tanggal_pinjam | date | YES | | NULL | |
| tanggal_kembali_rencana | date | YES | | NULL | |
| jam_kembali_rencana | char(6) | YES | | NULL | |
| tanggal_kembali_realisasi | date | YES | | NULL | |
| jam_kembali_realisasi | char(6) | YES | | NULL | |
| denda | int(15) | YES | | NULL | |
| kilometer_pinjam | int(7) | YES | | NULL | |
| kilometer_kembali | int(7) | YES | | NULL | |
| BBM_pinjam | int(5) | YES | | NULL | |
| BBM_kembali | int(5) | YES | | NULL | |
| kondisi_mobil_pinjam | varchar(50) | YES | | NULL | |
| kondisi_mobil_kembali | varchar(50) | YES | | NULL | |
| kerusakan | varchar(50) | YES | | NULL | |
| biaya_kerusakan | int(15) | YES | | NULL | |
| biaya_BBM | int(15) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
17 rows in set (0.035 sec)
```

```
Command Prompt - mysql -u root -p
A22.2019.02730 => create table sopir (id_sopir int(8) primary key, nama varchar(25), alamat varchar(40), telepon int(15), smp int(15), tarif int(13));
Query OK, 0 rows affected (0.033 sec)

A22.2019.02730 => desc sopir;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_sopir | int(8) | NO | PRI | NULL | |
| nama | varchar(25) | YES | | NULL | |
| alamat | varchar(40) | YES | | NULL | |
| telepon | int(15) | YES | | NULL | |
| smp | int(15) | YES | | NULL | |
| tarif | int(13) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.036 sec)
```

```
Command Prompt - mysql -u root -p

A22.2019.02730 => desc pelanggan;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_ktp | int(16) | YES | | NULL | |
| nama | varchar(30) | YES | | NULL | |
| alamat | varchar(40) | YES | | NULL | |
| telepon | int(15) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.035 sec)

A22.2019.02730 =>
```