

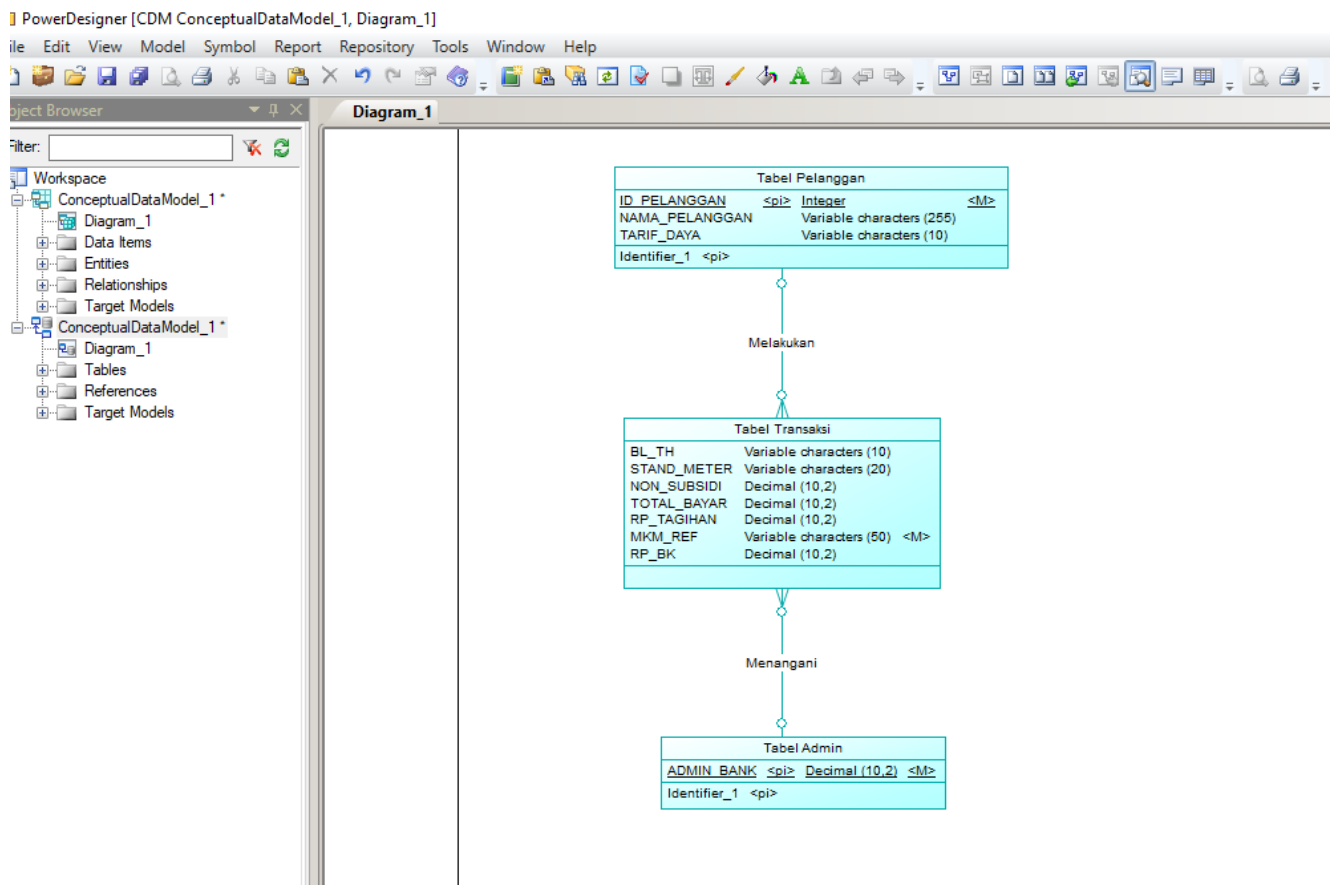
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## QUIZ 2 PRAKTIKUM BASIS DATA

### JAWABAN 1

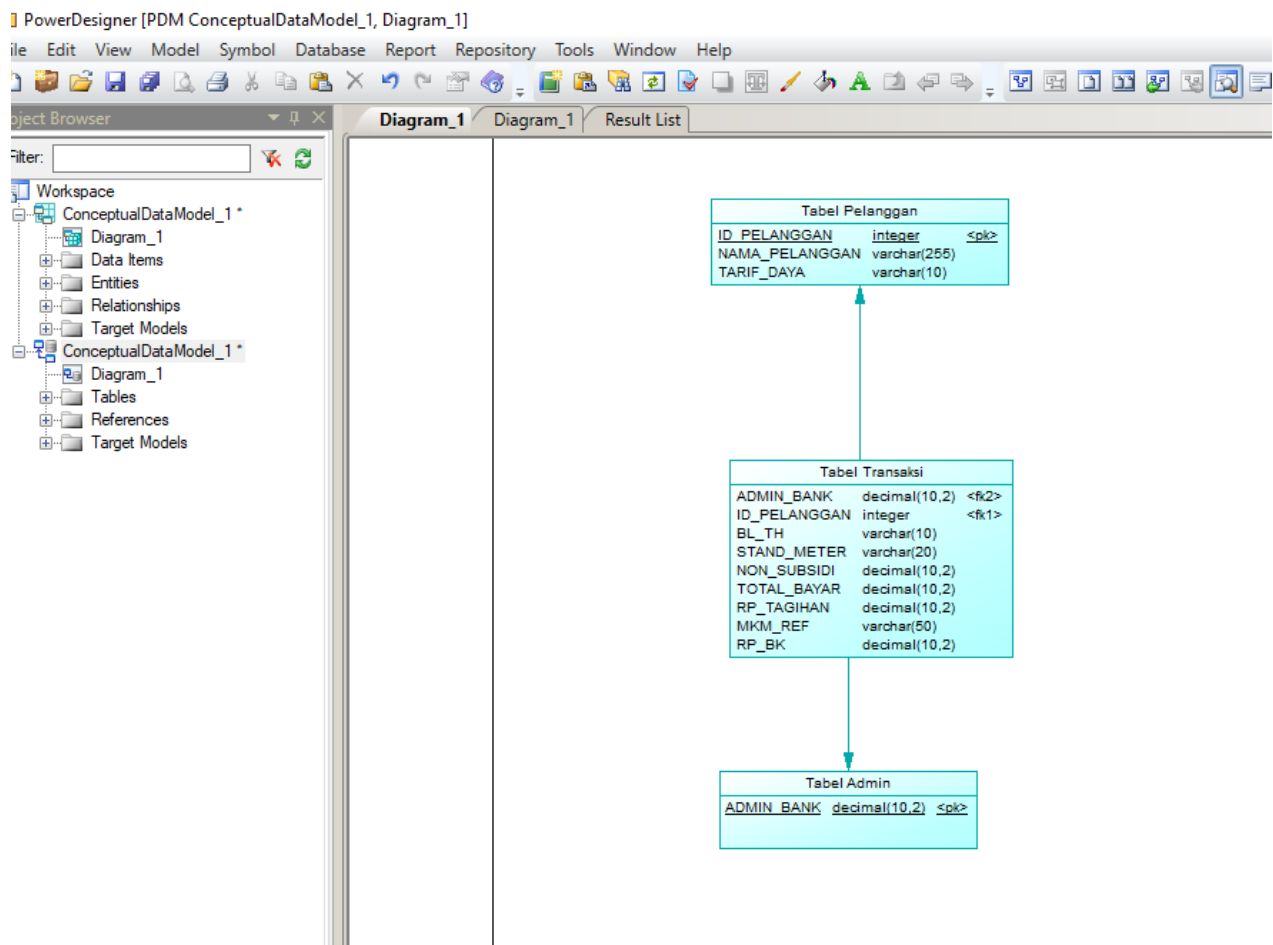
#### ➤ Tabel CDM (Customer Data Management)

- ID\_PELANGGAN (Primary Key): String
- NAMA: String
- TARIF/DAYA: String
- STAND\_METER: String



➤ **Tabel PDM (Payment Data Management)**

- ID\_PEMBAYARAN (Primary Key): String
- ID\_PELANGGAN (Foreign Key): String
- RP\_TAGIHAN: Decimal
- MKM\_REF: String
- BL\_TH: String
- NON\_SUBSIDI: Decimal
- RP\_BK: Decimal
- ADMIN\_BANK: Decimal
- TOTAL\_BAYAR: Decimal



Dalam contoh di atas, ID\_PELANGGAN adalah kunci asing (foreign key) yang menghubungkan antara tabel CDM dan PDM. ID\_PELANGGAN di tabel CDM dan PDM harus memiliki nilai yang sesuai.

## JAWABAN 2

```
MariaDB [(none)]> USE Quiz;
Database changed
MariaDB [Quiz]> CREATE TABLE pelanggan(
  -> id_pelanggan INT(12) NOT NULL,
  -> nama_plg VARCHAR(100) DEFAULT NULL,
  -> tarif CHAR(10) DEFAULT NULL,
  -> daya VARCHAR(100) DEFAULT NULL,
  -> tagihan INT(100) DEFAULT NULL,
  -> mkm_ref INT(100) DEFAULT NULL
  -> );
Query OK, 0 rows affected (0.017 sec)

MariaDB [Quiz]> CREATE TABLE meter(
  -> stand_meter INT(100) NOT NULL,
  -> non_subsidisi FLOAT,
  -> rp_bk FLOAT,
  -> bulan INT(20) DEFAULT NULL
  -> );
Query OK, 0 rows affected (0.016 sec)

MariaDB [Quiz]> CREATE TABLE pembayaran(
  -> Admin_bank FLOAT,
  -> total_bayar FLOAT,
  -> tanggal INT(30) DEFAULT NULL
  -> );
Query OK, 0 rows affected (0.015 sec)
```

```
MariaDB [Quiz]> INSERT INTO pelanggan (id_pelanggan, nama_plg, tarif, daya, tagihan, mkm_ref)
  -> VALUES (511810935121, 'SLAMET WIBISONO', 'R1', '900', 'Rp 50485', '201928393883733651');
Query OK, 1 row affected, 3 warnings (0.005 sec)

MariaDB [Quiz]> INSERT INTO meter (stand_meter, non_subsidisi, rp_bk, bulan)
  -> VALUE (01514800-01521900, '0', '0', 'jan');
Query OK, 1 row affected, 1 warning (0.006 sec)

MariaDB [Quiz]> INSERT INTO pembayaran (Admin_bank, total_bayar, tanggal)
  -> VALUES (1600, '52085', '22');
Query OK, 1 row affected (0.005 sec)
```

```
MariaDB [struk_pln]> show databases;
+-----+
| Database |
+-----+
| akademik |
| database_buku |
| db_polinema |
| dbperusahaan |
| information_schema |
| mysql |
| penjualan_produk |
| performance_schema |
| phpmyadmin |
| struk_listrik |
| struk_pln |
| test |
| web_db |
+-----+
13 rows in set (0.001 sec)

MariaDB [struk_pln]> _
```

### JAWABAN 3

```
MariaDB [Quiz]> SELECT * FROM pelanggan;
```

id_pelanggan	nama_plg	tarif	daya	tagihan	mkm_ref
2147483647	SLAMET WIBISONO	R1	900	0	2147483647

1 row in set (0.001 sec)

```
MariaDB [Quiz]> SELECT * FROM meter;
```

stand_meter	non_subsid	rp_bk	bulan
-7100	0	0	0

1 row in set (0.001 sec)

```
MariaDB [Quiz]> SELECT * FROM pembayaran;
```

Admin_bank	total_bayar	tanggal
1600	52085	22

1 row in set (0.001 sec)