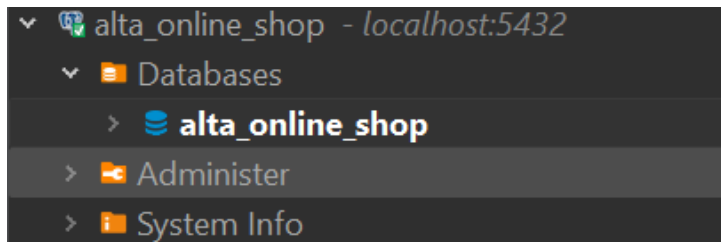


Part 2 – Data Definition Language

1. create database alta_online_shop;

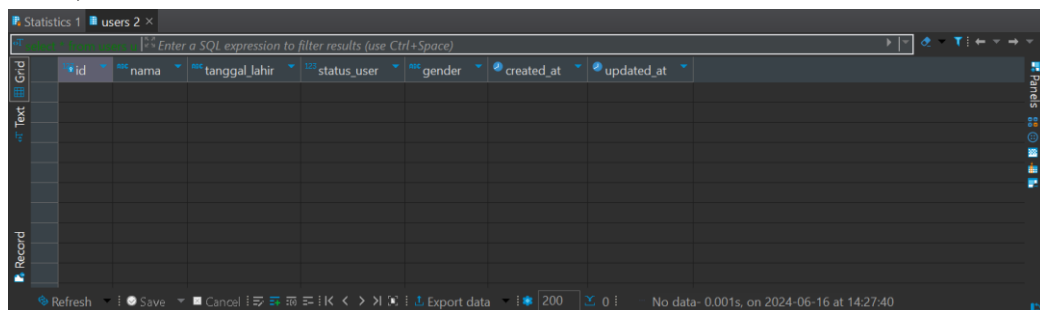


2. Create table user, table product, table product_type, product_description, payment methods, table transaction, table transaction detail:

- a. create table users (
id serial,
nama varchar(255),
tanggal_lahir varchar(255),
status_user integer,
gender varchar(255),
created_at timestamp,
updated_at timestamp,

primary key (id)

);



- b. create table product (
id serial,
userid integer,
product varchar(255),
created_at timestamp,
updated_at timestamp,

primary key (id)

);

[illegible]

The screenshot shows the DBeaver SQL editor interface. At the top, there's a toolbar with icons for various actions. Below the toolbar, a text input field contains the SQL expression: `Enter a SQL expression to filter results (use Ctrl+Space)`. The main area displays a table with the following columns: `id`, `userid`, `transaction`, `created_at`, and `updated_at`. The table is currently empty. On the right side, there's a 'Panel' tab. At the bottom, the status bar shows: 'No data- 0.003s, on 2024-06-16 at 14:52:30'.

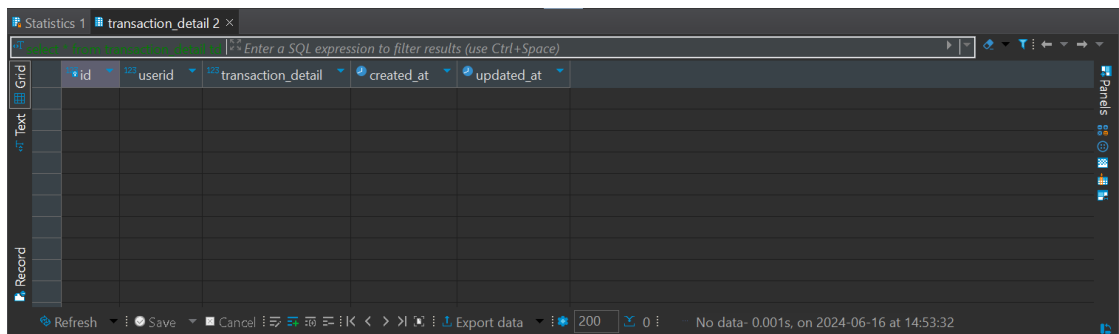
```

create table transaction_detail (
  id serial,
  userid integer,
  transaction_detail integer,
  created_at timestamp,
  updated_at timestamp,

  primary key (id)

);

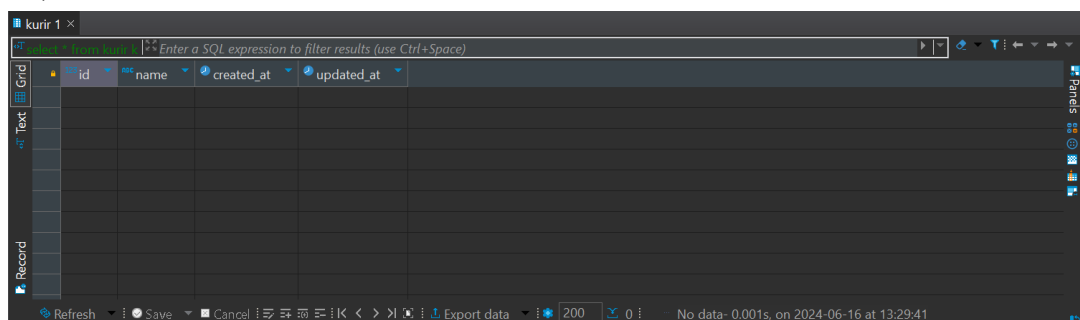
```



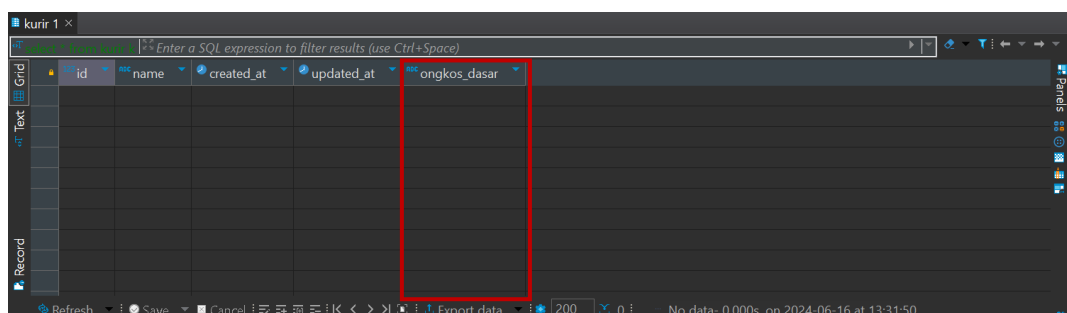
- create table kurir (
 id serial,
 name varchar(255),
 created_at timestamp,
 updated_at timestamp,

 primary key (id)

);



- alter table kurir add column ongkos_dasar varchar(255);



5. alter table kurir rename to shipping;

Statistics 1		kurir 2	
Name		Value	
Updated Rows		0	
Query		alter table kurir rename to shipping	
Start time		Sun Jun 16 13:36:31 WIB 2024	
Finish time		Sun Jun 16 13:36:31 WIB 2024	

6. drop table shipping;

Statistics 1		Statistics 2 ×	
Name		Value	
Updated Rows		0	
Query		drop table shipping	
Start time		Sun Jun 16 13:43:12 WIB 2024	
Finish time		Sun Jun 16 13:43:12 WIB 2024	

7. Relasi 1 to 1, 1 to many, dan many to many :

- a. create table payment_methods (
id serial,
userid integer,
payment_methods varchar(255),
created_at timestamp,
updated_at timestamp,

primary key (id),
foreign key (userid) references product_description (id),
foreign key (userid) references users (id)
);

- b. create table alamat (
 id serial,
 userid integer,
 alamat varchar(255),
 created_at timestamp,
 updated_at timestamp,

 primary key (id),
 foreign key (userid) references users (id)

);
- c. create table payment_methods (
 id serial,
 userid integer,
 payment_methods varchar(255),
 created_at timestamp,
 updated_at timestamp,

 primary key (id),
 foreign key (userid) references product_description (id),
 foreign key (userid) references users (id)

);

Berikut hasil diagramnya :

