

```

----- PART II DDL

--1. Create Database
create database alta_online_shop;

-- Create Tables
-- 2a.
create table users (
    userid SERIAL primary key,
    name VARCHAR(100),
    address_id INT,
    dob DATE,
    status_user VARCHAR(50),
    gender VARCHAR(10),
    created_at TIMESTAMP,
    updated_at TIMESTAMP
);

-- 2b.
create table product (
    productid SERIAL primary key,
    product_name VARCHAR(100),
    merk VARCHAR(100)
);

create table product_type (
    product_typeid SERIAL primary key,
    type_name VARCHAR(100)
);

create table product_description (
    product_descriptionid SERIAL primary key,
    description TEXT
);

alter table product add column product_typeid INT;
alter table product add column product_descriptionid INT;

alter table product add foreign key (product_typeid) references
product_type(product_typeid);

alter table product add foreign key (product_descriptionid) references
product_description(product_descriptionid);

create table payment_method (
    payment_methodid SERIAL primary key,
    method_name VARCHAR(100)
);

-- 2c.
create table transaction (
    transactionid SERIAL primary key,

```

```

        userid INT,
        transaction_date TIMESTAMP,
        foreign key(usersid) references users(usersid)
    );

create table transaction_detail (
    transaction_detailid SERIAL primary key,
    transactionid INT,
    productid INT,
    quantity INT,
    price DECIMAL,
    foreign key(transactionid) references transaction(transactionid),
    foreign key(productid) references product(productid),
    foreign key(payment_methodid) references payment_method(payment_methodid)
);

-- 3. Create Table Kurir
create table kurir (
    id SERIAL primary key,
    name VARCHAR(100),
    created_at TIMESTAMP,
    updated_at TIMESTAMP
);

-- 4. Tambah column ongkos_dasar pada Table Kurir
alter table kurir add column ongkos_dasar DECIMAL;

-- 5. Rename table Kurir to Shipping
alter table kurir rename to shipping;

-- 6. Drop table Shipping
drop table shipping;

-- 7a.
create table description (
    descriptionid SERIAL primary key,
    description TEXT,
    foreign key(payment_methodid) references payment_method(payment_methodid)
);

-- 7b.
create table address (
    addressid SERIAL primary key,
    address TEXT,
    foreign key(usersid) references users(usersid)
);

-- 7c.
create table user_payment_method_detail (
    user_payment_method_detailid SERIAL primary key,
    usersid INT,
    payment_methodid INT,
    foreign key(usersid) references users(usersid),
    foreign key(payment_methodid) references payment_method(payment_methodid)
);

```