```sql
CREATE TABLE Contract(
    contract_id SERIAL NOT NULL PRIMARY KEY,
    customer_id INT REFERENCES customer(customer_id)
);

CREATE TABLE Company(
    company_id SERIAL NOT NULL PRIMARY KEY,
    name VARCHAR(256) NOT NULL
);

CREATE TABLE Customer(
    customer_id SERIAL NOT NULL PRIMARY KEY,
    first_name VARCHAR(256),
    last_name VARCHAR(256),
    dob DATE,
    phone_no VARCHAR(256),
    email VARCHAR(256)
);

CREATE TABLE Account(
    account_id SERIAL NOT NULL PRIMARY KEY,
    customer_id INT REFERENCES customer(customer_id),
    login VARCHAR(256),
    password VARCHAR(256),
    card_id INT REFERENCES payment_card(card_id)
);

CREATE TABLE Payment_card(
    card_id SERIAL NOT NULL PRIMARY KEY,
    account_id INT REFERENCES Account(account_id),
    card_number VARCHAR(20),
    card_code CHAR(3),
```

```sql
        person_name VARCHAR(256),

        valid_until DATE

);


CREATE TABLE Order (

        order_id SERIAL NOT NULL PRIMARY KEY,

        customer_id INT REFERENCES customer(customer_id),

        product_id INT REFERENCES product(product_id),

        qantity INT,

        order_date DATE,

        required_date DATE,

        shipped_date DATE,

        total_price INT

);


CREATE TABLE Category(

        category_id SERIAL NOT NULL PRIMARY KEY,

        parent_category_id INT,

        desc TEXT

);


CREATE TABLE Product(

        product_id SERIAL NOT NULL PRIMARY KEY,

        title VARCHAR(256),

        price INT,

        specification TEXT,

        manufacturer INT REFERENCES company(company_id)

);


CREATE TABLE Warehouse(

        warehouse_id SERIAL NOT NULL PRIMARY KEY,

        address VARCHAR(256),
```

```
    phone_number VARCHAR(20)
);
```