Supermartket\_mgnt on MYSQL

CREATE DATABASE supermartket\_mgnt;

USE supermartket\_mgnt;

-- Init table Customer

DROP TABLE IF EXISTS customer;

CREATE TABLE customer(

customer\_id bigint AUTO\_INCREMENT PRIMARY KEY,

first\_name varchar(255),

last\_name varchar(255),

email varchar(255),

phone varchar(255),

gender tinyint

);

INSERT INTO customer(customer\_id,first\_name,last\_name,email,phone,gender)

VALUES

(1, 'Nguyen Van', 'An', 'an@gmail.com', '4352336668', 0),

(2, 'Nguyen Thi', 'Binh', 'binh@gmail.com', '123456789', 1),

(3, 'Tran Van', 'Cuong', 'cuong@gmail.com', '125546-6565', 0),

(4, 'Pham Quynh', 'Anh', 'pqa@gmail.com', '123423', 1),

(5, 'Tran Thi', 'Hao', 'hao@gmail.com', '1234789', 1)

;

-- Init table Voucher

DROP TABLE IF EXISTS voucher;

CREATE TABLE voucher (

voucher\_id bigint AUTO\_INCREMENT PRIMARY KEY,

voucher\_code varchar(100),

voucher\_name varchar(255),

discount decimal(19,2)

);

INSERT INTO voucher(voucher\_id,voucher\_code,voucher\_name,discount)

VALUES

(1, 'VC\_01', 'Voucher giam gia 10%', 10),

(2, 'VC\_02', 'Voucher giam gia 20%', 20),

(3, 'VC\_03', 'Voucher giam gia 50%', 50)

;

-- Init table Area

DROP TABLE IF EXISTS area;

CREATE TABLE area (

area\_id bigint AUTO\_INCREMENT PRIMARY KEY,

area\_code varchar(100),

area\_name varchar(255)

);

INSERT INTO `area`(area\_id,area\_code,area\_name)

VALUES

(1, 'MIEN\_BAC', 'Mien bac'),

(2, 'MIEN\_TRUNG', 'Mien Trung'),

(3, 'MIEN\_NAM', 'Mien Nam'),

(4, 'NUOC\_NGOAI', 'Nuoc Ngoai')

;

-- Init table Location

DROP TABLE IF EXISTS location;

CREATE TABLE location (

location\_id bigint AUTO\_INCREMENT PRIMARY KEY,

area\_id bigint,

location\_code varchar(100),

location\_name varchar(255),

city varchar(255),

country varchar(255)

);

INSERT INTO `location`(location\_id,area\_id,location\_code,location\_name,city,country)

VALUES

(1, 1, 'HANOI\_1', 'Ha Noi 1', 'Ha Noi', 'Viet Nam'),

(2, 2, 'DANANG\_1', 'Da Nang 1', 'Da Nang', 'Viet Nam'),

(3, 3, 'TPHCM\_1', 'TP Ho Chi Minh 1', 'TP HCM', 'Viet Nam'),

(4, 3, 'TPHCM\_2', 'TP Ho Chi Minh 2', 'TP HCM', 'Viet Nam'),

(5, 4, 'TOKYO', 'Tokyo', 'Tokyo', 'Japan')

;

-- Init table Department

DROP TABLE IF EXISTS department;

CREATE TABLE department (

department\_id bigint AUTO\_INCREMENT PRIMARY KEY,

department\_name varchar(255),

description varchar(500)

);

INSERT INTO `department`(department\_id,department\_name,description)

VALUES

(1, 'Phong quan ly', ''),

(2, 'Phong ke toan', ''),

(3, 'Phong ban hang', ''),

(4, 'Phong ky thuat', '')

;

-- Init table Branch

DROP TABLE IF EXISTS branch;

CREATE TABLE branch (

branch\_id bigint AUTO\_INCREMENT PRIMARY KEY,

location\_id bigint,

branch\_code varchar(100),

branch\_name varchar(255),

address varchar(255)

);

INSERT INTO `branch`(branch\_id,location\_id,branch\_code,branch\_name,address)

VALUES

(1, 1, 'CN\_1 ', 'Sieu Thi Long Bien', 'Long Bien, Ha Noi'),

(2, 1, 'CN\_2 ', 'Sieu Thi Cau Giay', 'Cau Giay, Ha Noi'),

(3, 3, 'CN\_3 ', 'Sieu Thi Tan Binh', 'Tan Binh, TPHCM'),

(4, 3, 'CN\_4 ', 'Sieu Thi Binh Tan', 'Binh Tan, TPHCM'),

(5, 4, 'CN\_5 ', 'Sieu Thi Binh Chanh', 'Binh Chanh, TPHCM'),

(6, 5, 'CN\_6 ', 'Sieu Thi Tokyo', 'Tokyo')

;

-- Init table Employee Role

DROP TABLE IF EXISTS employee\_role;

CREATE TABLE employee\_role (

role\_id bigint AUTO\_INCREMENT PRIMARY KEY,

role\_code varchar(100),

role\_name varchar(255),

role\_allowance decimal(5,2),

role\_bonus decimal(19,2)

);

INSERT INTO `employee\_role`(role\_id,role\_code,role\_name,role\_allowance,role\_bonus)

VALUES

(1, 'GIAM\_DOC', 'Giam doc ', 0.5, 2000),

(2, 'QL\_1', 'Quan ly cap 1 ', 0.3, 1000),

(3, 'QL\_2', 'Quan ly cap 2 ', 0.15, 500),

(4, 'NV', 'Nhan vien', 0, 0)

;

-- Init table Employee

DROP TABLE IF EXISTS employee;

CREATE TABLE employee (

employee\_id bigint AUTO\_INCREMENT PRIMARY KEY,

role\_id bigint,

department\_id bigint,

join\_date date,

first\_name varchar(255),

last\_name varchar(255),

birth\_date date,

gender tinyint,

salary decimal(19,2),

employer\_id bigint

);

INSERT INTO `employee`(employee\_id,role\_id,department\_id,join\_date,first\_name,last\_name,birth\_date,gender,salary,employer\_id)

VALUES

(1, 1, 1, '2012-01-01', 'Nguyen Tran Van', 'Anh', '1980-12-12', 0, 3000, null),

(2, 2, 1, '2015-03-31', 'Nguyen Anh', 'Khoa', '1986-01-12', 0, 1850, 1),

(3, 4, 1, '2022-06-25', 'Tran Thi', 'Thao', '1998-03-12', 1, 700, 2),

(4, 2, 2, '2013-02-28', 'Pham Quynh', 'Nha', '1992-11-10', 1, 2000, null),

(5, 4, 2, '2019-07-20', 'Tran Viet', 'Thang', '1994-10-06', 0, 1000, 4),

(6, 3, 3, '2018-06-10', 'Pham Viet', 'Dung', '1995-03-23', 0, 1500, 1),

(7, 4, 3, '2019-06-10', 'Dao Khoa', 'Tuan', '1990-03-01', 0, 1500, 6),

(8, 4, 3, '2023-06-10', 'Tran', 'Anh', '1995-08-25', 0, 300, 6),

(9, 4, 3, '2020-12-10', 'Vo Van Phuong', 'Yen', '1983-03-23', 1, 400, 6),

(10, 4, 3, '2021-04-28', 'Tran Tuong', 'Vy', '1987-05-30', 0, 450, 6),

(11, 4, 3, '2021-03-10', 'Nguyen Ngoc', 'Binh', '2005-04-04', 0, 250, 6),

(12, 4, 4, '2020-01-10', 'Tran Thanh', 'Cuong', '1995-03-23', 0, 900, 1)

;

-- Init table employee\_branch

DROP TABLE IF EXISTS employee\_branch;

CREATE TABLE employee\_branch (

employee\_branch\_id bigint AUTO\_INCREMENT PRIMARY KEY,

employee\_id bigint,

branch\_id bigint,

is\_manager bool

);

INSERT INTO `employee\_branch`(employee\_branch\_id,employee\_id,branch\_id,is\_manager)

VALUES

(1, 6, 1, 1),

(2, 6, 2, 0),

(3, 6, 3, 0),

(4, 6, 4, 0),

(5, 7, 2, 1),

(6, 7, 5, 1),

(7, 7, 6, 0),

(8, 8, 4, 1),

(9, 8, 5, 0),

(10, 8, 2, 0),

(11, 9, 1, 0),

(12, 9, 3, 1),

(13, 9, 4, 0),

(14, 10, 6, 1),

(15, 11, 4, 0),

(16, 11, 6, 0)

;

-- Init table Product Category

DROP TABLE IF EXISTS product\_category;

CREATE TABLE product\_category (

product\_category\_id bigint AUTO\_INCREMENT PRIMARY KEY,

product\_category\_code varchar(100),

product\_category\_name varchar(255)

);

INSERT INTO `product\_category`(product\_category\_id,product\_category\_code,product\_category\_name)

VALUES

(1, 'THUC\_PHAM\_TUOI', 'Thuc pham tuoi song'),

(2, 'DO\_UONG', 'Do Uong'),

(3, 'AN\_LIEN', 'Thuc Pham An Lien')

;

-- Init table Product

DROP TABLE IF EXISTS product;

CREATE TABLE product (

product\_id bigint AUTO\_INCREMENT PRIMARY KEY,

product\_category\_id bigint,

product\_name varchar(255),

price decimal(19,2)

);

INSERT INTO `product`(product\_id,product\_category\_id, product\_name, price)

VALUES

(1, 1,'Sashimi ca hoi', 15.45),

(2, 1,'Sashimi ca ngu', 10.15),

(3, 1,'Sushi tong hop', 7.5),

(4, 1,'Ba chi bo my 500g', 9.95),

(5, 1,'Muc tuoi 1kg', 12.75),

(6, 1,'Tom su bien 1kg', 20.99),

(7, 1,'Bach tuoc 1kg', 19.95),

(8, 2,'Coca cola thung 24 lon', 6.85),

(9, 2,'Coca cola thung 12 lon', 3.99),

(10, 2,'Cafe sua Coffehouse 6 lon', 5.50),

(11, 2,'Nuoc ep tao', 3.45),

(12, 3,'Mi an lien Hao Hao thung 24 goi', 4.50),

(13, 3,'Mien an lien phu huong 12 goi', 5.50),

(14, 3,'Xuc xich an lien', 2.50)

;

-- Init table Order

DROP TABLE IF EXISTS orders;

CREATE TABLE orders (

order\_id bigint AUTO\_INCREMENT PRIMARY KEY,

branch\_id bigint,

customer\_id bigint,

voucher\_id bigint,

order\_date date,

payment\_method varchar(20)

);

INSERT INTO `orders`(order\_id, branch\_id, customer\_id, voucher\_id, order\_date, payment\_method)

VALUES

(1, 1, 1, null, '2022-01-30', 'CREDIT\_CARD'),

(2, 4, 1, null, '2022-02-16', 'CASH'),

(3, 4, 2, 1, '2023-12-06', 'CASH'),

(4, 6, 4, null, '2021-05-20', 'CREDIT\_CARD'),

(5, 3, 5, 2, '2019-03-15', 'CREDIT\_CARD'),

(6, 2, 1, 3, '2023-11-20', 'CASH'),

(7, 1, 1, null, '2023-11-20', 'CREDIT\_CARD'),

(8, 3, 2, 3, '2023-12-03', 'CREDIT\_CARD'),

(9, 4, 3, null, '2023-05-20', 'CASH'),

(10, 4, 5, null, '2023-04-19', 'CASH'),

(11, 3, 5, 1, '2022-05-21', 'CREDIT\_CARD'),

(12, 6, 5, null, '2022-07-19', 'CASH'),

(13, 1, 1, null, '2023-06-20', 'CREDIT\_CARD'),

(14, 2, 1, null, '2023-05-20', 'CREDIT\_CARD'),

(15, 6, 5, null, '2023-01-12', 'CREDIT\_CARD')

;

-- Init table Order Detail

DROP TABLE IF EXISTS order\_detail;

CREATE TABLE order\_detail (

order\_detail\_id bigint AUTO\_INCREMENT PRIMARY KEY,

order\_id bigint,

product\_id bigint,

amount int

);

INSERT INTO `order\_detail`(order\_id, product\_id, amount)

VALUES

(1,1,3),

(1,5,1),

(1,2,2),

(2,5,4),

(3,1,1),

(3,4,1),

(3,5,3),

(3,8,4),

(3,12,1),

(3,13,1),

(4,1,1),

(4,3,1),

(4,4,1),

(4,6,5),

(4,8,10),

(4,13,1),

(5,2,5),

(5,6,2),

(5,10,8),

(6,2,1),

(7,1,9),

(7,11,9),

(8,3,1),

(8,12,1),

(9,6,5),

(10,3,1),

(10,5,2),

(10,7,12),

(11,1,1),

(11,2,1),

(11,3,1),

(11,4,1),

(11,5,1),

(11,6,1),

(11,7,1),

(11,8,1),

(11,9,1),

(11,10,1),

(11,11,1),

(11,12,1),

(11,13,1),

(11,14,1),

(12,2,1),

(12,3,1),

(13,2,1),

(14,12,4),

(14,13,1),

(14,14,7),

(15,1,1),

(15,11,3),

(15,14,7)

;

-- Init table Product Rating

DROP TABLE IF EXISTS product\_rating;

CREATE TABLE product\_rating (

product\_rating\_id bigint AUTO\_INCREMENT PRIMARY KEY,

customer\_id bigint,

product\_id bigint,

rating bigint

);

INSERT INTO `product\_rating`(customer\_id, product\_id, rating)

VALUES

(1, 1, 5),

(1, 2, 4),

(1, 4, 3),

(1, 5, 3),

(1, 8, 2),

(1, 12, 2),

(1, 13, 5),

(1, 14, 1),

(2, 1, 5),

(2, 2, 4),

(2, 3, 3),

(2, 4, 3),

(2, 5, 4),

(2, 6, 5),

(2, 7, 2),

(2, 8, 1),

(2, 9, 1),

(2, 10, 3),

(2, 11, 4),

(2, 12, 5),

(2, 13, 2),

(2, 14, 4),

(3, 4, 4),

(3, 5, 5),

(3, 7, 5),

(3, 10, 5),

(3, 11, 4),

(3, 12, 5),

(3, 13, 4),

(4, 1, 4),

(4, 2, 5),

(4, 3, 3),

(4, 4, 3),

(4, 5, 1),

(5, 3, 5),

(5, 4, 5),

(5, 6, 3),

(5, 7, 3),

(5, 8, 4),

(5, 9, 2),

(5, 12, 1),

(5, 14, 5)

;