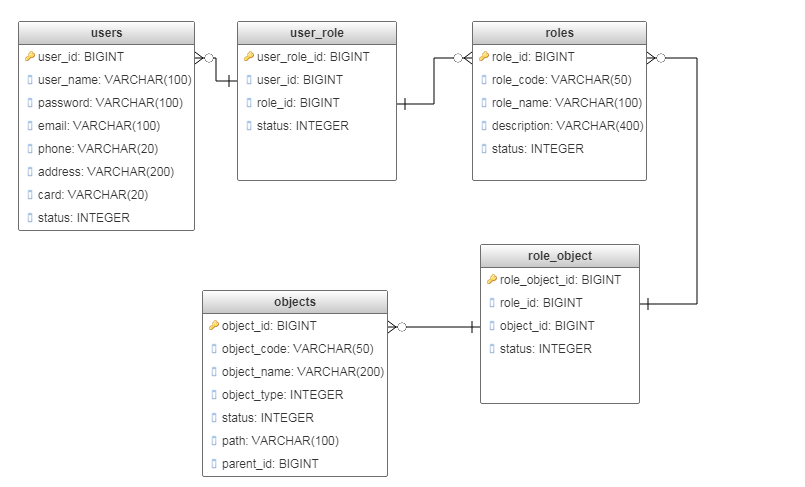
1. Quản lý phân quyền người dùng



# Create tables

CREATE TABLE IF NOT EXISTS users

(

user\_id BIGINT NOT NULL,

user\_name VARCHAR(100),

password VARCHAR(100),

email VARCHAR(100),

phone VARCHAR(20),

address VARCHAR(200),

card VARCHAR(20),

status INT DEFAULT 1,

PRIMARY KEY(user\_id)

);

CREATE TABLE IF NOT EXISTS roles

(

role\_id BIGINT NOT NULL,

role\_code VARCHAR(50),

role\_name VARCHAR(100),

description VARCHAR(400),

status INT DEFAULT 1,

PRIMARY KEY(role\_id)

);

CREATE TABLE IF NOT EXISTS objects

(

object\_id BIGINT NOT NULL,

object\_code VARCHAR(50),

object\_name VARCHAR(200),

object\_type INT,

status INT DEFAULT 1,

path VARCHAR(100),

parent\_id BIGINT,

PRIMARY KEY(object\_id)

);

CREATE TABLE IF NOT EXISTS role\_object

(

role\_object\_id BIGINT NOT NULL,

role\_id BIGINT,

object\_id BIGINT,

status INT DEFAULT 1,

PRIMARY KEY(role\_object\_id)

);

CREATE TABLE IF NOT EXISTS user\_role

(

user\_role\_id BIGINT NOT NULL,

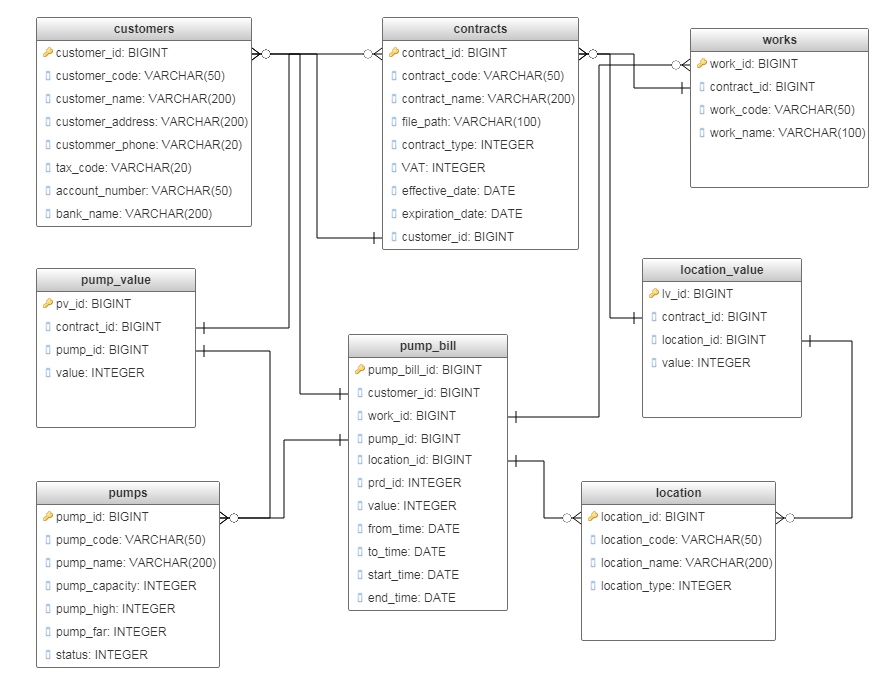
user\_id BIGINT,

role\_id BIGINT,

status INT DEFAULT 1,

PRIMARY KEY(user\_role\_id)

);Nghiệp vụ hệ thống kinh doanh CKP



# Create tables

CREATE TABLE IF NOT EXISTS customers

(

customer\_id BIGINT NOT NULL,

customer\_code VARCHAR(50),

customer\_name VARCHAR(200),

customer\_address VARCHAR(200),

custommer\_phone VARCHAR(20),

tax\_code VARCHAR(20),

account\_number VARCHAR(50),

bank\_name VARCHAR(200),

PRIMARY KEY(customer\_id)

);

CREATE TABLE IF NOT EXISTS pump\_value

(

pv\_id BIGINT NOT NULL,

contract\_id BIGINT,

pump\_id BIGINT,

value INT,

PRIMARY KEY(pv\_id)

);

CREATE TABLE IF NOT EXISTS contracts

(

contract\_id BIGINT NOT NULL,

contract\_code VARCHAR(50),

contract\_name VARCHAR(200),

file\_path VARCHAR(100),

contract\_type INT,

VAT INT,

effective\_date DATE,

expiration\_date DATE,

customer\_id BIGINT,

PRIMARY KEY(contract\_id)

);

CREATE TABLE IF NOT EXISTS location\_value

(

lv\_id BIGINT NOT NULL,

contract\_id BIGINT,

location\_id BIGINT,

value INT,

PRIMARY KEY(lv\_id)

);

CREATE TABLE IF NOT EXISTS works

(

work\_id BIGINT NOT NULL,

contract\_id BIGINT NOT NULL,

work\_code VARCHAR(50),

work\_name VARCHAR(100),

PRIMARY KEY(work\_id)

);

CREATE TABLE IF NOT EXISTS pumps

(

pump\_id BIGINT NOT NULL,

pump\_code VARCHAR(50),

pump\_name VARCHAR(200),

pump\_capacity INT,

pump\_high INT,

pump\_far INT,

status INT DEFAULT 1,

PRIMARY KEY(pump\_id)

);

CREATE TABLE IF NOT EXISTS location

(

location\_id BIGINT NOT NULL,

location\_code VARCHAR(50),

location\_name VARCHAR(200),

location\_type INT,

PRIMARY KEY(location\_id)

);

CREATE TABLE IF NOT EXISTS pump\_bill

(

pump\_bill\_id BIGINT NOT NULL,

customer\_id BIGINT,

work\_id BIGINT,

pump\_id BIGINT,

location\_id BIGINT,

prd\_id INT,

value INT,

from\_time DATE,

to\_time DATE,

start\_time DATE,

end\_time DATE,

PRIMARY KEY(pump\_bill\_id)

);