Create database csci3100;

Use csci3100;

CREATE TABLE users(

user\_id INTEGER NOT NULL AUTO\_INCREMENT,

user\_name CHAR(20) NOT NULL,

password CHAR(20) NOT NULL,

eng\_name CHAR(20) NOT NULL,

email CHAR(35) NOT NULL,

tel\_no INTEGER NOT NULL,

birthday DATE NOT NULL,

signin BOOLEAN NOT NULL,

PRIMARY KEY (user\_id) );

CREATE TABLE games(

game\_id INTEGER NOT NULL AUTO\_INCREMENT,

author CHAR(20) NOT NULL,

game\_name CHAR(30) NOT NULL,

release\_date DATE NOT NULL,

information VARCHAR(3000),

image\_link VARCHAR(3000),

categories CHAR(20),

platform CHAR(20),

validation BOOLEAN,

PRIMARY KEY (game\_id ) );

CREATE TABLE products(

product\_id INTEGER NOT NULL AUTO\_INCREMENT,

price FLOAT NOT NULL,

product\_name CHAR(30) NOT NULL,

second\_hand INTEGER NOT NULL,

venue CHAR(30) NOT NULL,

platform CHAR(20),

information VARCHAR(3000),

image\_link VARCHAR(3000),

post\_date DATE NOT NULL,

status INTEGER NOT NULL,

user\_id INTEGER NOT NULL,

game\_id INTEGER NOT NULL,

FOREIGN KEY (game\_id) REFERENCES games(game\_id),

FOREIGN KEY (user\_id) REFERENCES users(user\_id),

PRIMARY KEY (product\_id) );

CREATE TABLE transaction(

transaction\_id INTEGER NOT NULL AUTO\_INCREMENT,

product\_id INTEGER,

buyer\_id INTEGER,

seller\_id INTEGER,

transaction\_date DATE,

categories CHAR(20) ,

platform CHAR(20),

product\_name CHAR(30),

FOREIGN KEY (buyer\_id) REFERENCES users(user\_id),

FOREIGN KEY (seller\_id) REFERENCES users(user\_id),

FOREIGN KEY (product\_id) REFERENCES products(product\_id),

PRIMARY KEY (transaction\_id));

CREATE TABLE follow(

follower\_id INTEGER,

followee\_id INTEGER,

follow\_date DATE,

FOREIGN KEY (follower\_id) REFERENCES users(user\_id),

FOREIGN KEY (followee\_id) REFERENCES users(user\_id),

PRIMARY KEY (follower\_id , followee\_id));

CREATE TABLE give\_rate(

user\_id INTEGER,

product\_id INTEGER,

rate INTEGER,

FOREIGN KEY (user\_id) REFERENCES users(user\_id),

FOREIGN KEY (product\_id) REFERENCES products(product\_id),

PRIMARY KEY(user\_id, product\_id));

CREATE TABLE comment\_to\_users(

giver\_id INTEGER,

receiver\_id INTEGER,

comment CHAR(60),

comment\_id INTEGER AUTO\_INCREMENT,

FOREIGN KEY (giver\_id) REFERENCES users(user\_id),

FOREIGN KEY (receiver\_id) REFERENCES users(user\_id),

PRIMARY KEY (comment\_id));

CREATE TABLE comment\_to\_product(

product\_id INTEGER,

user\_id INTEGER,

comment VARCHAR(300),

comment\_id INTEGER AUTO\_INCREMENT,

date DATE,

FOREIGN KEY (product\_id) REFERENCES products(product\_id),

FOREIGN KEY (user\_id) REFERENCES users(user\_id),

PRIMARY KEY (comment\_id));

CREATE TABLE chat(

message\_id INTEGER AUTO\_INCREMENT,

giver\_id INTEGER,

receiver\_id INTEGER,

message char(100),

FOREIGN KEY (giver\_id) REFERENCES users(user\_id),

FOREIGN KEY (receiver\_id) REFERENCES users(user\_id),

PRIMARY KEY (message\_id));

CREATE TABLE share\_video(

video\_id INTEGER AUTO\_INCREMENT,

link CHAR(100),

user\_id INTEGER,

game\_id INTEGER,

FOREIGN KEY (game\_id ) REFERENCES games(game\_id ),

FOREIGN KEY (user\_id) REFERENCES users(user\_id),

PRIMARY KEY (video\_id));

CREATE TABLE admin(

admin\_id INTEGER,

FOREIGN KEY (admin\_id) REFERENCES users(user\_id),

PRIMARY KEY (admin\_id));

CREATE TABLE product\_display\_video(

product\_id INTEGER,

video\_id INTEGER AUTO\_INCREMENT,

FOREIGN KEY (video\_id) REFERENCES share\_video(video\_id ),

FOREIGN KEY (product\_id ) REFERENCES products(product\_id ),

PRIMARY KEY (product\_id ));

CREATE TABLE message(

message\_id INTEGER NOT NULL AUTO\_INCREMENT,

sender\_id INTEGER ,

reciever\_id INTEGER ,

message VARCHAR(300),

date DATE,

FOREIGN KEY (sender\_id ) REFERENCES users(user\_id ),

FOREIGN KEY (reciever\_id ) REFERENCES users(user\_id ),

PRIMARY KEY (message\_id ));

----------------------------------------------------------------------------------------------------------------------

//useless? May be add the attributes to the product table?

CREATE TABLE post(

user\_id INTEGER,

product\_id INTEGER,

post\_date DATE,

FOREIGN KEY (user\_id) REFERENCES users(user\_id),

FOREIGN KEY (product\_id) REFERENCES products(product\_id),

PRIMARY KEY (product\_id));

INSERT INTO Users (user\_name,password,eng\_name,email,tel\_no,birthday,signin )

VALUES ( '1234', '12345678', 'Stavanger', 'abc@abc.com', '56241241', '2000-11-01','0');

INSERT INTO Users (user\_name,password,eng\_name,email,tel\_no,birthday,signin )

VALUES ( 'Tom', '12345678', 'Tom Lee', 'tom@gmail.com', '69234152', '1995-11-17','0');

INSERT INTO Users (user\_name,password,eng\_name,email,tel\_no,birthday,signin )

VALUES ( 'Samsam', '12345678', 'Samson Chan', 'samsonchan@abc.com', '96124122', '1990-02-11','0');

INSERT INTO Users (user\_name,password,eng\_name,email,tel\_no,birthday,signin )

VALUES ( 'dickson, '12345678', 'Dickson Choi', 'dickdick@yahoo.com', '69414232', '1994-07-13','0');

INSERT INTO Users (user\_name,password,eng\_name,email,tel\_no,birthday,signin )

VALUES ( 'handsomejack', '12345678', 'Jacky', ‘handsomejack@abc.com', '96224241', '2000-01-01','0');

INSERT INTO admin set admin\_id= 1 ;