CREATE DATABASE CINEMA

GO

USE CINEMA

CREATE TABLE TBCustomer

(

customer\_id int IDENTITY(1,1) PRIMARY KEY,

customer\_name varchar(50) NOT NULL,

customer\_birthday Date NOT NULL,

customer\_address varchar(100) NOT NULL,

customer\_phone varchar(15) NOT NULL,

customer\_points int default 0 NOT NULL,

is\_deleted bit default 0 NOT NULL,

)

GO

USE CINEMA

CREATE TABLE TBStaff

(

staff\_id int IDENTITY(1,1) PRIMARY KEY,

staff\_name varchar(50) NOT NULL,

staff\_birthday Date NOT NULL,

staff\_gender bit NOT NULL,

username varchar(30) NOT NULL,

pwd varchar(100) NOT NULL,

staff\_phone varchar(15) NOT NULL,

email varchar(30) NOT NULL,

role bit default 0 NOT NULL, --0: nhan vien, 1: quan ly--

is\_deleted bit default 0 NOT NULL

)

GO

USE CINEMA

CREATE TABLE TBShifttime

(

shifttime\_id int IDENTITY(1,1) PRIMARY KEY,

shift\_start time NOT NULL,

shift\_end time NOT NULL,

is\_deleted bit default 0 NOT NULL

)

GO

USE CINEMA

CREATE TABLE TBShift

(

shift\_id int IDENTITY(1,1) PRIMARY KEY,

shift\_date date NOT NULL,

shifttime\_id int ,

staff\_id int NOT NULL,

constraint fk\_id\_shifttime FOREIGN KEY (shifttime\_id) REFERENCES TBShifttime(shifttime\_id) on delete set null on update cascade,

constraint fk\_id\_staff FOREIGN KEY (staff\_id) REFERENCES TBStaff(staff\_id) on delete cascade on update cascade,

)

GO

USE CINEMA

CREATE TABLE TBMovieGenres

(

movie\_genres\_id int IDENTITY(1,1) PRIMARY KEY,

movie\_genres varchar(30) NOT NULL,

is\_deleted bit default 0 NOT NULL

)

GO

USE CINEMA

CREATE TABLE TBMovie

(

movie\_id int IDENTITY(1,1) PRIMARY KEY,

movie\_name varchar(30) NOT NULL,

movie\_genres\_id int,

movie\_description varchar(1000) NOT NULL,

movie\_length int NOT NULL,

movie\_release Date NOT NULL,

movie\_image varchar(100),

movie\_price int NOT NULL,

is\_deleted bit default 0 NOT NULL,

constraint fk\_id\_movie\_type FOREIGN KEY (movie\_genres\_id) REFERENCES TBMovieGenres(movie\_genres\_id) on delete set null on update cascade

)

GO

USE CINEMA

CREATE TABLE TBRoomType

(

room\_type\_id int IDENTITY(1,1) PRIMARY KEY,

room\_type\_name varchar(10) NOT NULL,

room\_type\_price\_percent int NOT NULL,

is\_deleted bit default 0 NOT NULL

)

GO

USE CINEMA

CREATE TABLE TBRoom

(

room\_id int IDENTITY(1,1) PRIMARY KEY,

room\_name varchar(10) NOT NULL,

room\_type\_id int,

room\_number\_of\_seat int default 0 NOT NULL,

room\_number\_of\_row int default 0 NOT NULL,

is\_deleted bit default 0 NOT NULL,

constraint fk\_id\_room\_type FOREIGN KEY (room\_type\_id) REFERENCES TBRoomType(room\_type\_id) on delete set null on update cascade,

)

GO

USE CINEMA

CREATE TABLE TBSeatType

(

seat\_type\_id int IDENTITY(1,1) PRIMARY KEY,

seat\_type\_name varchar(10) NOT NULL,

seat\_type\_price\_percent int NOT NULL,

seat\_type\_color varchar(6) NOT NULL,

is\_deleted bit default 0 NOT NULL

)

GO

USE CINEMA

CREATE TABLE TBSeat

(

seat\_id int IDENTITY(1,1) PRIMARY KEY,

seat\_name varchar(10) NOT NULL ,

room\_id int NOT NULL FOREIGN KEY REFERENCES TBRoom(room\_id) on delete cascade on update cascade,

seat\_type\_id int,

constraint fk\_id\_seat\_type FOREIGN KEY (seat\_type\_id) REFERENCES TBSeatType(seat\_type\_id) on delete set null on update cascade,

is\_deleted bit default 0 NOT NULL,

)

GO

USE CINEMA

CREATE TABLE TBSchedule

(

schedule\_id int IDENTITY(1,1) PRIMARY KEY,

schedule\_date date NOT NULL,

schedule\_start time NOT NULL,

schedule\_end time NOT NULL,

schedule\_price\_percent int NOT NULL,

movie\_id int NULL,

room\_id int NOT NULL,

constraint fk\_id\_movie FOREIGN KEY (movie\_id ) REFERENCES TBMovie(movie\_id) on delete cascade on update cascade,

constraint fk\_id\_room FOREIGN KEY (room\_id) REFERENCES TBRoom(room\_id) on delete cascade on update cascade,

is\_deleted bit default 0 NOT NULL,

)

GO

USE CINEMA

CREATE TABLE TBReceipt

(

receipt\_id int IDENTITY(1,1) PRIMARY KEY,

number\_of\_tickets int NOT NULL,

total\_price int NOT NULL,

customer\_id int,

staff\_id int NOT NULL,

schedule\_id int NOT NULL,

datetime\_booking datetime NOT NULL,

constraint fk\_id\_schedule FOREIGN KEY (schedule\_id) REFERENCES TBSchedule(schedule\_id) on delete no action on update no action,

constraint fk\_id\_staff\_receipt FOREIGN KEY (staff\_id) REFERENCES TBStaff(staff\_id) on delete no action on update no action,

constraint fk\_id\_customer FOREIGN KEY (customer\_id) REFERENCES TBCustomer(customer\_id) on delete set null on update no action

)

GO

USE CINEMA

CREATE TABLE TBSeatBooking

(

seat\_booking\_id int IDENTITY(1,1) primary key,

schedule\_id int ,

seat\_id int NOT NULL,

receipt\_id int NOT NULL,

constraint fk\_id\_schedule\_seatbooking foreign key (schedule\_id) references TBSchedule(schedule\_id) on delete no action on update no action,

constraint fk\_id\_seat foreign key (seat\_id) references TBSeat(seat\_id) on delete cascade on update cascade,

constraint fk\_id\_receipt foreign key (receipt\_id) references TBReceipt(receipt\_id) on delete cascade on update cascade,

is\_deleted bit default 0 NOT NULL,

)

GO

USE CINEMA

INSERT INTO TBCustomer VALUES

('Tran Van Tra','2003-05-18','Ong Ich Duong, Cam Le','0905879123',0,0),

('Nguyen Viet Son','2002-12-12','08 Au Co,Hoa Khanh','0702477465',0,0),

('Le Thi Thu Thuy','2001-08-03','135 Van Tien Dung, Cam Le','0363614052',0,0),

('Phan Khanh Thi','2003-07-30','Tieu La, Hai Chau','0908765412',0,0),

('Le Viet Cuong','1995-10-10','Ba Huyen Thanh Quan, Ngu Hanh Son','0945881905',0,0)

/\*('Tran Thi Minh Nguyet',1998-06-20,'Nguyen Ba Lan, Ngu Hanh Son','0941237585'),

('Nguyen Thi Anh Tuyet',1999-11-21,'Le Trong Tan, Cam Le','0966372385'),

('Pham Anh Tuan',2000-02-16,'Nguyen Tat Thanh, Hoa Khanh','0914162689'),

('Doan Nguyen Hai',1998-03-29,'An Thuong, Ngu Hanh Son','0982725726' ),

('Hoang Thu Hang',2001-02-19,'Xuan Dieu, Hai Chau','0918612410'),

('Cao Hai Ha',2001-10-29,'Kinh Duong Vuong, Lien Chieu','0986109656'),

('Mai Thien Phong',1997-12-20,'Hoand Duc Luong, Son Tra','0974131489'),

('Do Thi Thu',1995-09-01,'Nui Thanh, Hai Chau','0977022810'),

('Truong Thi My Le',1995-09-20,'Vo Chi Cong, Cam Le','0989352144'),

('Dang Minh Tu',1997-01-22,'Truong Sa, Ngu Hanh Son','0704500664'),

('Nguyen Nhat Minh',1998-04-04,'Truong Chinh, Thanh Khe','0167423824'),

('Trinh Quan Viet',1999-08-11,'Nguyen Van Thoai, Ngu Hanh Son','0983412681'),

('Nguyen Thi Thu Ha',2000-11-16,'Trieu Nu Vuong, Hai Chau','0164584679')

\*/

GO

USE CINEMA

insert into TBStaff VALUES

('Cao Tuan Khai','2001-02-19',0,'tuankhai1902','$2a$10$RS7R0L.JbczRslVT9f.x/eI6ZSVKeTo29BwuiHPVpYfDH/YFE0n1i','0902228822','caotuankhai1902@gmail.com',0,0), /\*12345678\*/

('Le Khanh Van','1999-04-03',1,'khanhvan0304','$2a$10$cS3WjOh4cbHgehHh.Ee1MOKPeAtdxhvrTekqvyZ8SpM.foynmU2pe','0902228822','lekhanhvan0304@gmail.com',0,0),/\*01234567\*/

('Nguyen Tan Vu','1998-11-11',0,'tanvu1111','$2a$10$nKZBd2Yo.OvLGQWaeearjOfkVuKjnzt86r5GAGKMQg93Nyqh1OQq2','0902228822','nguyentanvu11111998@',1,0) /\*87654321\*/

/\*

caotuankhai1902@ - khai12345678 //admin

lekhanhvan0304@ - van01234567 //nhan vien

nguyentanvu11111998@ - vu87654321 //nhan vien

\*/

GO

USE CINEMA

INSERT INTO TBShifttime VALUES

('09:00:00','11:55:00',0),

('12:00:00','14:55:00',0),

('15:00:00','17:55:00',0),

('18:00:00','20:55:00',0),

('21:00:00','23:55:00',0)

GO

USE CINEMA

insert into TBShift values

('2023-04-07',1,1),

('2023-04-07',2,1),

('2023-04-07',3,2),

('2023-04-07',4,2),

('2023-04-07',5,2)

GO

USE CINEMA

insert into TBMovieGenres values

('Kinh di',0),

('Tinh cam',0),

('Khoa hoc vien tuong',0),

('Hai',0)

GO

USE CINEMA

insert into TBMovie

values

('Gia dinh la so 1',2,'Phim xoay quanh nhung cau chuyen trong cuoc song cua cac thanh vien nha ho Lee – mot gia dinh thuoc tang lop trung luu song o Seoul',

60,'2023-10-01',45,0,'D:\ChucChuc\Hoctap\C#Code\Guna3\ImageCINEMA\giadinhlaso1.jpg'),

('Avengers',3,'Khi Trai Dat dung ben do xam lan, ca vi anh hung khong the ngoi yen cho doi ma khong lam gi. Ho buoc phai nam tay nhau day lui nguy co diet vong den tu nhieu the luc khac tu da vu tru',

180,'2023-10-01',80,0,'D:\ChucChuc\Hoctap\C#Code\Guna3\ImageCINEMA\Avenger.jpg'),

('Chia khoa tram ty',4,'Phim xoay quanh cuoc trao doi than phan day tro treu giua ten sat thu chuyen nghiep va chang dien vien tay mo',

90,'2023-10-02',60,0,'D:\ChucChuc\Hoctap\C#Code\Guna3\ImageCINEMA\Chiakhoatramty.jpg')GO

USE CINEMA

insert into TBRoomType values

('2D',0,0),

('3D',10,0)

GO

USE CINEMA

insert into TBRoom values

('R1',1,10,2,0),

('R2',1,70,7,0),

('R3',1,70,7,0),

('R4',2,50,5,0),

('R5',2,50,5,0)GO

USE CINEMA

insert into TBSeatType values

('Standard',0,1,0),

('Vip',5,2,0)GO

USE CINEMA

insert into TBSeat values

('A1',1,1,0),

('A2',1,1,0),

('A3',1,1,0),

('A4',1,1,0),

('A5',1,1,0),

('B1',1,2,0),

('B2',1,2,0),

('B3',1,2,0),

('B4',1,2,0),

('B5',1,2,0)GO

USE CINEMA

insert into TBSchedule values

(‘2023-10-02’,'17:00:00','18:00:00',0,1,1,0)

GO