

텀 프로젝트3

주제 : 공연 티켓 시스템

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(1) 고객

CREATE TABLE USER

-> (id CHAR(8) NOT NULL, name VARCHAR(20) NOT NULL, phonenumber VARCHAR(20), PRIMARY KEY(id));

INSERT INTO USER VALUES

-> ('rrkkee', '가나다', '010-1111-2222'),
-> ('aaqqtt', '마바사', '010-33334444');

2) 매표스텝

CREATE TABLE STAFF

-> (id CHAR(8) NOT NULL, name VARCHAR(20) NOT NULL, phonenumber VARCHAR(20), PRIMARY KEY(id));

INSERT INTO STAFF VALUES

-> ('ddwwcc', '아자차', '010-5555-6666');

3) 티켓 매니저

CREATE TABLE MANAGER

-> (id CHAR(8) NOT NULL, name VARCHAR(20) NOT NULL, phonenumber VARCHAR(20), PRIMARY KEY(id));

INSERT INTO MANAGER VALUES

-> ('zzxxvv', '카타파', '010-7777-8888');

4) 연극

CREATE TABLE PLAY

-> (TITLE VARCHAR(20) NOT NULL, TIME INT, PRIMARY KEY(TITLE));

INSERT INTO PLAY VALUES

-> ('나쁜자석', 120);

5)극장

CREATE TABLE THEATER

-> (NAME VARCHAR(20) NOT NULL, PLACE VARCHAR(20), PRIMARY KEY(NAME));

INSERT INTO THEATER VALUES

->('동국아트센터', '동국대학교');

6)기획사

CREATE TABLE AGENCY

-> (NAME VARCHAR(20) NOT NULL, PLACE VARCHAR(20), TEL=EPHONENUMBER VARCHAR(20), KEY(NAME));

INSERT INTO AGENCY VALUES

('JH컴퍼니', '서울 종로구', '070-0000-1111');

(7) 티켓

CREATE TABLE TICKET

(number VARCHAR(20) NOT NULL, pl_title VARCHAR(20), seat VARCHAR(20), dates VARCHAR(30), time VARCHAR(30), money INT, discount VARCHAR(20), KEY(number));

Insert into TICKET

-> (select 'T012345678', pl.title, '1층 B열 5번', '20200103', '8:00', 35000, '일반 가격' from play pl where
-> pl.time = 120);

Insert into TICKET

-> (select 'T985432789', pl.title, '1층 A열 9번', '20200103', '8:00', 35000, '일반 가격' from play pl where
-> pl.time = 120);

(1) 기획사 -극장 (예약)

CREATE TABLE RESERVATION

(ag_name VARCHAR(20), th_name VARCHAR(20), PERIOD VARCHAR(20));

insert into reservation

-> (select ag.name, th.name, 90 from agency ag, theater th where
-> ag.place = '서울시 종로구' and th.place = '동국대학교');

insert into reservation values

-> ('JH컴퍼니' , '동국아트센터' , 90);

select * from reservation;

```
+-----+-----+-----+
| ag_name | th_name      | PERIOD |
+-----+-----+-----+
| JH컴퍼니 | 동국아트센터 | 90     |
+-----+-----+-----+
```

(2) 기획사 - 연극 (기획)

CREATE TABLE PLAN

(ag_name VARCHAR(20), pl_title VARCHAR(20), PERIOD VARCHAR(30), TIME VARCHAR(30));

Insert into PLAN

-> (select ag.name, pl.title, '200103~200330', '5:00/8:00' from agency ag,
play pl where
-> ag.place = '서울시 종로구' and pl.time = 120);

Insert into PLAN values

('JH컴퍼니' , '나쁜자석' , '200103~200330','5:00/8:00');

select * from plan;

```
+-----+-----+-----+-----+
| ag_name | pl_title | PERIOD      | TIME      |
+-----+-----+-----+-----+
```

```

+-----+-----+-----+-----+
| JH컴퍼니 | 나쁜자석 | 200103~200330 | 5:00/8:00 |
+-----+-----+-----+-----+

```

(3) 기획사 – 티켓 매니저, 매표스텝 (소속)

CREATE TABLE ASSIGN

-> (ag_name VARCHAR(20), ma_name VARCHAR(20), st_name VARCHAR(20));

insert into assign

-> (select ag.name, ma.name, st.name from agency ag, manager ma, staff st
where ag.place ='서울시 종로구' and ma.id ='zzxxvv' and st.id = 'ddwwcc');

insert into assign values

-> ('JH컴퍼니','카타파','아자차');

MariaDB [Perform]> select * from assign;

```

+-----+-----+-----+
| ag_name | ma_name | st_name |
+-----+-----+-----+
| JH컴퍼니 | 카타파 | 아자차 |
+-----+-----+-----+
1 row in set (0.000 sec)

```

(4) 티켓매니저 – 티켓 (생성)

CREATE TABLE TICKETMAKE

(ti_number VARCHAR(20) NOT NULL, ti_pl_title VARCHAR(20), ti_seat
VARCHAR(20), ti_dates VARCHAR(30), ti_time VARCHAR(30), ti_money INT,
ti_discount VARCHAR(20), ma_id VARCHAR(20), MAKEDATE VARCHAR(20));

Insert into TICKETMAKE

-> (select ti.number, pl.title, ti.seat, ti.dates, ti.time, ti.money, ti.discount,
ma.id, '20201115' from ticket ti, play pl, manager ma where
-> pl.time = 120 and ti.number = 'T012345678' and ma.id = 'zzxxvv');

Insert into TICKETMAKE

```
-> (select ti.number, pl.title, ti.seat, ti.dates, ti.time, ti.money, ti.discount,
ma.id, '20201115' from ticket ti, play pl, manager ma where
-> pl.time = 120 and ti.number = 'T985432789' and ma.id = 'zzxxvv' );
```

```
select * from ticketmake;
```

```
+-----+-----+-----+-----+-----+-----+-----+
+-----+
| ti_number | pl_title | ti_seat | ti_dates | ti_time | ti_money | ti_discount |
ma_id | MAKEDATE |
+-----+-----+-----+-----+-----+-----+-----+
+-----+
| T012345678 | 나쁜자석 | 1층 B열 5번 | 20200103 | 8:00 | 35000 | 일반
가격 | zzxxvv | 20201115 |
| T985432789 | 나쁜자석 | 1층 A열 9번 | 20200103 | 8:00 | 35000 | 일반
가격 | zzxxvv | 20201115 |
+-----+-----+-----+-----+-----+-----+-----+
+-----+
```

(5) 티켓 매니저 – 티켓 (삭제)

```
DELETE FROM TICKET WHERE number = 'T985432789';
```

```
MariaDB [performance]>
```

```
+-----+-----+-----+-----+-----+-----+-----+
| pl_title | number | seat | dates | time | money | discount |
+-----+-----+-----+-----+-----+-----+-----+
| 나쁜자석 | T012345678 | 1층 B열 5번 | 20200103 | 8:00 | 35000 | 일반 가격 |
+-----+-----+-----+-----+-----+-----+-----+
```

(6) 고객 – 티켓 (예매)

```
CREATE TABLE PURCHASE
```

```
-> (ti_number VARCHAR(20), pl_title VARCHAR(20), us_id VARCHAR(20),
us_name VARCHAR(20), us_phonenumber VARCHAR(20), ti_time VARCHAR(20),
ti_seat VARCHAR(20), ti_dates VARCHAR(20), ti_money INT, ti_discount
VARCHAR(20), putime DATETIME, way VARCHAR(20));
```

Insert into PURCHASE

```
-> (select ti.number ,pl.title, us.id, us.name, us.phonenumber, ti.time, ti.seat,
ti.dates, ti.money, ti.discount, NOW(), '모바일 카드 결제' from ticket ti, User us,
play pl where us.name = '가나다' and ti.number = 'T012345678 ');
```

select * from purchase;

```
+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+-----+-----+
| ti_number | pl_title | us_id | us_name | us_phonenumber | ti_time | ti_seat |
| ti_dates | ti_money | ti_discount | putime | way |
+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+-----+-----+
| T012345678 | 나쁜자석 | rrkkee | 가나다 | 010-1111-2222 | 8:00 | 1층 B열 |
5번 | 20200103 | 35000 | 일반 가격 | 2020-11-25 00:26:54 | 모바일 카드 |
결제 |
+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+-----+-----+
;
```

(7) 고객 - 티켓 (예매 취소)

DELETE FROM PURCHASE WHERE ti_number = 'T012345678';

select * from purchase;

Empty set (0.000 sec)

(8) 매표스텝 - 예매 (리스트 만들기)

create table PURCHASELIST

```
-> (ti_number VARCHAR(20), pl_title VARCHAR(20), us_id VARCHAR(20),
us_name VARCHAR(20), us_phonenumber VARCHAR(20), ti_time VARCHAR(20),
ti_seat VARCHAR(20), ti_dates VARCHAR(20), ti_money INT, cheak VARCHAR(20),
st_id VARCHAR(20) );
```

Insert into PURCHASELIST

```
-> (select ti.number ,pl.title, us.id, us.name, us.phonenumber, ti.time, ti.seat,
ti.dates, ti.money, 'N', st.id from ticket ti, User us, play pl, staff st where us.name
```

= '가나다' and ti.number = 'T012345678 'and st.name ='아자차');

MariaDB [perform]> select * from purchaselist;

```
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+
| ti_number | pl_title | us_id | us_name | us_phonenumber | ti_time | ti_seat |
| ti_dates | ti_money | cheak | st_id |
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+
| T012345678 | 나쁜자석 | rrkkee | 가나다 | 010-1111-2222 | 8:00 | 1층 B열
5번 | 20200103 | 35000 | N | ddwwcc |
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+
```

(9) 매표스텝 - 예매 (리스트 수정)

UPDATE purchaselist SET

-> cheak = 'Y'

-> WHERE cheak in (SELECT cheak FROM purchaselist);

select * from purchaselist;

```
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+
| ti_number | pl_title | us_id | us_name | us_phonenumber | ti_time | ti_seat |
| ti_dates | ti_money | cheak | st_id |
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+
| T012345678 | 나쁜자석 | rrkkee | 가나다 | 010-1111-2222 | 8:00 | 1층 B열
5번 | 20200103 | 35000 | Y | ddwwcc |
+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+
```