数据库模型

课程：系统分析与设计

课题：互联网电影售票系统

专业：2014 级数字媒体技术

组名：free to play

组长：庄建平

组员：汪凯威，蔡驿龙，刘宇欣，胡杰
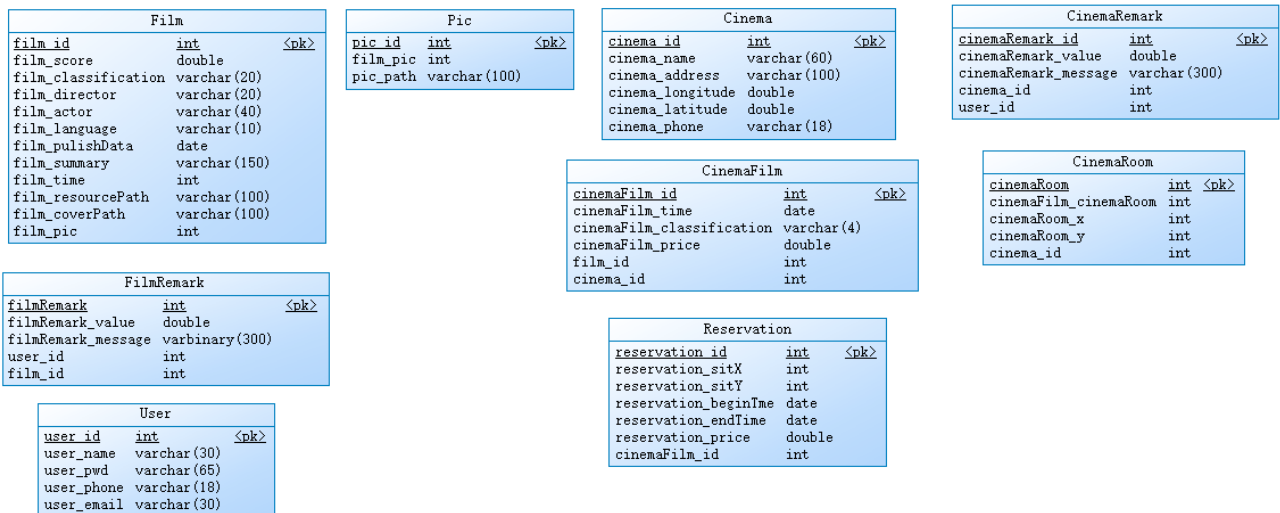
FREE
TO
PLAY

版本更新表

版本	更新时间	更新人	主要更新内容
1	2017.5.7	汪凯威	添加了数据库模型图和 SQL 码
2			
3			

一、Database model

Film
film_id	int	<pk>
film_score	double	
film_classification	varchar(20)	
film_director	varchar(20)	
film_actor	varchar(40)	
film_language	varchar(10)	
film_pulishData	date	
film_summary	varchar(150)	
film_time	int	
film_resourcePath	varchar(100)	
film_coverPath	varchar(100)	
film_pic	int	

Pic
pic_id	int	<pk>
film_pic	int	
pic_path	varchar(100)	

Cinema
cinema_id	int	<pk>
cinema_name	varchar(60)	
cinema_address	varchar(100)	
cinema_longitude	double	
cinema_latitude	double	
cinema_phone	varchar(18)	

CinemaRemark
cinemaRemark_id	int	<pk>
cinemaRemark_value	double	
cinemaRemark_message	varchar(300)	
cinema_id	int	
user_id	int	

CinemaFilm
cinemaFilm_id	int	<pk>
cinemaFilm_time	date	
cinemaFilm_classification	varchar(4)	
cinemaFilm_price	double	
film_id	int	
cinema_id	int	

CinemaRoom
cinemaRoom	int	<pk>
cinemaFilm_cinemaRoom	int	
cinemaRoom_x	int	
cinemaRoom_y	int	
cinema_id	int	

FilmRemark
filmRemark	int	<pk>
filmRemark_value	double	
filmRemark_message	varbinary(300)	
user_id	int	
film_id	int	

Reservation
reservation_id	int	<pk>
reservation_sitX	int	
reservation_sitY	int	
reservation_beginTime	date	
reservation_endTime	date	
reservation_price	double	
cinemaFilm_id	int	

User
user_id	int	<pk>
user_name	varchar(30)	
user_pwd	varchar(65)	
user_phone	varchar(18)	
user_email	varchar(30)	

二、SQL

```
/*==============================================================*/
/* DBMS name:     MySQL 5.0                    */
/* Created on:    2017/5/7 10:28:22               */
/*==============================================================*/


drop table if exists Cinema;


drop table if exists CinemaFilm;


drop table if exists CinemaRemark;


drop table if exists CinemaRoom;


drop table if exists Film;


drop table if exists FilmRemark;


drop table if exists Pic;


drop table if exists Reservation;
```

```
drop table if exists User;


/*==============================================================*/
/* Table: Cinema                                */
/*==============================================================*/
create table Cinema
(
   cinema_id          int not null,
   cinema_name        varchar(60),
   cinema_address     varchar(100),
   cinema_longitude   double,
   cinema_latitude    double,
   cinema_phone       varchar(18),
   primary key (cinema_id)
);


/*==============================================================*/
/* Table: CinemaFilm                            */
/*==============================================================*/
create table CinemaFilm
(
   cinemaFilm_id      int not null,
   cinemaFilm_time    date,
   cinemaFilm_classification varchar(4),
   cinemaFilm_price   double,
   film               int,
   cinema_id          int,
   primary key (cinemaFilm_id)
);


/*==============================================================*/
/* Table: CinemaRemark                          */
/*==============================================================*/
create table CinemaRemark
(
   cinemaRemark_id    int not null,
   cinemaRemark_value double,
```

```sql
   cinemaRemark_message varchar(300),

   cinema_id           int,

   user_id             int,

   primary key (cinemaRemark_id)

);


/*==============================================================*/
/* Table: CinemaRoom                                */
/*==============================================================*/
create table CinemaRoom

(

   cinemaRoom          int not null,

   cinemaFilm_cinemaRoom int,

   cinemaRoom_x        int,

   cinemaRoom_y        int,

   cinema_id           int,

   primary key (cinemaRoom)

);


/*==============================================================*/
/* Table: Film                                */
/*==============================================================*/
create table Film

(

   film_id             int not null,

   film_score          double,

   film_classification  varchar(20),

   film_director        varchar(20),

   film_actor          varchar(40),

   film_language        varchar(10),

   film_pulishData      date,

   film_summary         varchar(150),

   film_time            int,

   film_resourcePath    varchar(100),

   film_coverPath       varchar(100),

   film_pic             int,

   primary key (film_id)
```

```
);


/*==============================================================*/
/* Table: FilmRemark                                            */
/*==============================================================*/
create table FilmRemark
(
   filmRemark          int not null,
   filmRemark_value     double,
   filmRemark_message   varbinary(300),
   user_id             int,
   film_id             int,
   primary key (filmRemark)
);


/*==============================================================*/
/* Table: Pic                                                   */
/*==============================================================*/
create table Pic
(
   pic_id              int not null,
   film_pic            int,
   pic_path            varchar(100),
   primary key (pic_id)
);


/*==============================================================*/
/* Table: Reservation                                           */
/*==============================================================*/
create table Reservation
(
   reservation_id       int not null,
   reservation_sitX     int,
   reservation_sitY     int,
   reservation_beginTime date,
   reservation_endTime  date,
   reservation_price    double,
```

```sql
   cinemaFilm_id        int,

   primary key (reservation_id)

);


/*==================================================================*/
/* Table: User                               */
/*==================================================================*/
create table User
(
   user_id           int not null,

   user_name           varchar(30),

   user_pwd           varchar(65),

   user_phone           varchar(18),

   user_email           varchar(30),

   primary key (user_id)

);
```