## Roles:

- 1. Weilian Song
  - Diango framework developer
  - Mid-term report content compiler
- 2. Greg McIntosh
  - Backend developer
  - Responsible for database schema and mysql dump file
- 3. Henry Uradu
  - Frontend developer
  - Unified Model Language diagram
- 4. Nathaniel Serpico
  - Frontend developer

## Database Design:

When designing our database, we wanted to keep all the big components as separate tables. Therefore we have the following big items:

- 1. movie
- 2. actor
- acted\_in
- 4. director
- 5. producer
- 6. writer
- 7. editor
- 8. tags
- 9. user
- 10. rating
- 11. review

Below you will find all the details to each table, which we won't mention here. This structure allows for complex queries to be done fairly easily. For example, if we desire to know all users' username who rated at least an 8 on any action movies, we can do:

```
SELECT u.username
FROM user as u
WHERE u.id in
SELECT r.uid
FROM rating as r
WHERE r.rating >= 8 and r.mid in
SELECT m.id
FROM movie as m
WHERE m.genre = "action";
```

As you can see, the query might be triple nested, but it is clean and easily understood to any developers.

We have also made some assumptions about relationships between tables. All movies' director, producer, writer and editor ID's need to follow Key Constraints with respect to director, producer, writer and editor tables. All acted\_in entries' actor and movie ID's need to follow Key Constraints with respect to actor and movie tables. All tags entries' mid need to follow Key Constraints with respect to the movie table. All rating and review table's entries' uid and mid need to follow Key Constraints with respect to user and movie tables.

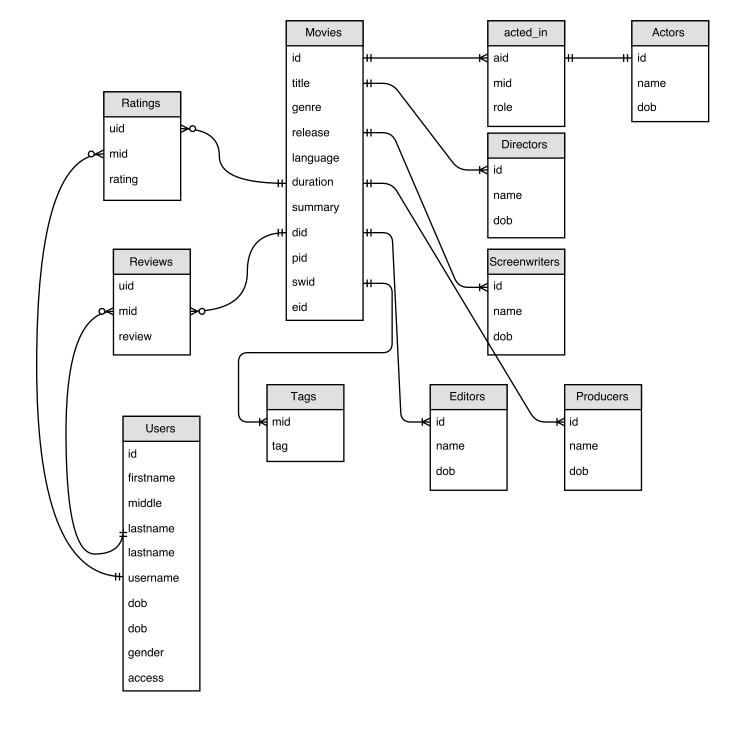
movie, actor, director, producer, writer, editor and user's "id" needs to be non null and auto incrementing, as they are the primary key of each table.

All fields are reasonably limited in length, and for fields like DOB, MySQL's specific data types will enforce domain constraints.

## Database Schema:

```
movie(id: int(11) auto_increment,
      title: varchar(20),
      genre: varchar(20),
      release: date,
      language: varchar(20),
      duration: int(11),
      summary: varchar(256),
      did: int(11),
      pid: int(11),
      swid: int(11),
      eid: int(11),
      PRIMARY_KEY(id),
      FOREIGN_KEY(did) REFERENCES director(id),
      FOREIGN_KEY(pid) REFERENCES producer(id),
      FOREIGN_KEY(swid) REFERENCES writer(id),
      FOREIGN_KEY(eid) REFERENCES editor(id))
actor(id:
            int(11) auto_increment,
      name: varchar(20),
      dob: date,
      PRIMARY_KEY(id))
acted_in(aid: int(11),
         mid: int(11),
         role: varchar(20),
         FOREIGN_KEY(aid) REFERENCES actor(id),
         FOREIGN_KEY(mid) REFERENCES movie(id))
director(id:
               int(11) auto_increment,
         name: varchar(20),
         dob: date,
         PRIMARY_KEY(id))
producer(id:
             int(11) auto_increment,
         name: varchar(20),
         PRIMARY_KEY(id))
             int(11) auto_increment,
writer(id:
       name: varchar(20),
       dob: date,
       PRIMARY_KEY(id))
editor(id:
             int(11) auto_increment,
       name: varchar(30),
       PRIMARY_KEY(id))
tags(mid: int(11),
     tag: varchar(20),
     FOREIGN_KEY(mid) REFERENCES movie(id))
```

```
user(id:
                int(20) auto_increment,
     firstname: varchar(20),
                char(1),
     middle:
     lastname: varchar(20),
                varchar(20),
     username:
                date,
     dob:
     gender:
                char(1),
                varchar(20),
     access:
     PRIMARY_KEY(id))
rating(uid:
               int(11),
               int(11),
       mid:
       rating: int(11),
       FOREIGN_KEY(uid) REFERENCES user(id),
       FOREIGN_KEY(mid) REFERENCES movie(id))
review(uid:
               int(11),
               int(11),
       mid:
       review: varchar(256),
       FOREIGN_KEY(uid) REFERENCES user(id),
       FOREIGN_KEY(mid) REFERENCES movie(id))
```



```
-- MySQL dump 10.13 Distrib 5.7.17, for Linux (x86_64)
-- Host: localhost Database: moviedatabase
-- Server version
                     5.7.17
/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8 */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;
-- Current Database: `moviedatabase`
CREATE DATABASE /*!32312 IF NOT EXISTS*/ `moviedatabase` /*!40100 DEFAULT CHARACTER
SET latin1 */;
USE `moviedatabase`;
-- Table structure for table `acted_in`
DROP TABLE IF EXISTS `acted_in`;
/*!40101 SET @saved_cs_client
                                 = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `acted_in` (
  `aid` int(11) DEFAULT NULL,
`mid` int(11) DEFAULT NULL,
  `role` varchar(30) DEFAULT NULL,
 KEY `aid` (`aid`),
 KEY `mid` (`mid`),
 CONSTRAINT `acted_in_ibfk_1` FOREIGN KEY (`aid`) REFERENCES `actor` (`id`),
 CONSTRAINT `acted_in_ibfk_2` FOREIGN KEY (`mid`) REFERENCES `movie` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
-- Dumping data for table `acted_in`
LOCK TABLES `acted_in` WRITE;
/*!40000 ALTER TABLE `acted_in` DISABLE KEYS */;
INSERT INTO `acted_in` VALUES (1,2,'Daniel Plainview'),(2,8,'Andy Dufresne'),
(2,7,'Dave Boyle'),(3,1,'Angel Face'),(3,6,'Harry Goldfarb'),(4,1,'Marla Singer'),
(5,3,'Seth Brundle'),(5,4,'Malcolm'),(6,5,'Jack Torrance'),(7,9,'Jordan Belfort'),
(9,4,'Grant'),(10,10,'Butch Coolidge'),(8,8,'Ellis Boyd Red Redding');
/*!40000 ALTER TABLE `acted_in` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `actor`
```

```
DROP TABLE IF EXISTS `actor`;
/*!40101 SET @saved_cs_client
                                  = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `actor` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `name` varchar(20) DEFAULT NULL,
  `dob` date DEFAULT NULL,
  PRIMARY KEY ('id')
) ENGINE=InnoDB AUTO_INCREMENT=11 DEFAULT CHARSET=latin1;
-- Dumping data for table `actor`
LOCK TABLES `actor` WRITE;
/*!40000 ALTER TABLE `actor` DISABLE KEYS */;
INSERT INTO `actor` VALUES (1, 'Daniel Day-Lewis', '1957-04-29'), (2, 'Tim
Robbins', '1958-10-16'), (3, 'Jared Leto', '1971-12-26'), (4, 'Helena Bonham
Carter', '1966-05-26'), (5, 'Jeff Goldblum', '1952-10-22'), (6, 'Jack Nicholson', '1937-
04-22'),(7,'Leonardo DiCaprio','1974-11-11'),(8,'Morgan Freeman','1937-06-01'),
(9, 'Sam Neill', '1947-09-14'), (10, 'Bruce Willis', '1955-03-19');
/*!40000 ALTER TABLE `actor` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `director`
DROP TABLE IF EXISTS `director`;
/*!40101 SET @saved_cs_client = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `director` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `name` varchar(20) DEFAULT NULL,
  `dob` date DEFAULT NULL,
  PRIMARY KEY ('id')
) ENGINE=InnoDB AUTO_INCREMENT=11 DEFAULT CHARSET=latin1;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `director`
LOCK TABLES `director` WRITE;
/*!40000 ALTER TABLE `director` DISABLE KEYS */;
INSERT INTO `director` VALUES (1, 'Paul Thomas Anderson', '1970-06-26'), (2, 'Quentin
Tarantino','1963-03-27'),(3,'Stanley Kubrick','1928-03-07'),(4,'Clint
Eastwood', '1930-05-31'), (5, 'David Fincher', '1962-08-28'), (6, 'Steven
Spielburg', '1946-12-18'), (7, 'David Cronenberg', '1943-03-15'), (8, 'Martin
Scorsese', '1942-11-17'), (9, 'Darren Aronofsky', '1969-02-12'), (10, 'Frank
Darabont', '1959-01-28');
/*!40000 ALTER TABLE `director` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `editor`
```

```
DROP TABLE IF EXISTS `editor`;
/*!40101 SET @saved_cs_client
                                     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `editor` (
   `id` int(11) NOT NULL AUTO_INCREMENT,
  `name` varchar(30) DEFAULT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=11 DEFAULT CHARSET=latin1;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `editor`
LOCK TABLES `editor` WRITE;
/*!40000 ALTER TABLE `editor` DISABLE KEYS */;
INSERT INTO `editor` VALUES (1, 'James Haygood'), (2, 'Dylan Tichenor'), (3, 'Ronald
Sanders'), (4, 'Michael Khan'), (5, 'Thelma Schoonmaker'), (6, 'Ray Lovejoy'), (7, 'Sally
Menke'),(8,'Jay Rabinowitz'),(9,'Joel Cox'),(10,'Richard Francis-Bruce');
/*!40000 ALTER TABLE `editor` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `movie`
DROP TABLE IF EXISTS `movie`;
/*!40101 SET @saved_cs_client
                                     = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `movie` (
   `id` int(11) NOT NULL AUTO_INCREMENT,
  `title` varchar(30) DEFAULT NULL,
  `genre` varchar(20) DEFAULT NULL,
   `release` int(255) DEFAULT NULL,
  `language` varchar(20) DEFAULT NULL,
  `duration` int(255) DEFAULT NULL,
  `summary` varchar(1000) DEFAULT NULL,
  `did` int(11) DEFAULT NULL,
  `pid` int(11) DEFAULT NULL,
  `swid` int(11) DEFAULT NULL,
  `eid` int(11) DEFAULT NULL,
  `rating` varchar(5) DEFAULT NULL,
  PRIMARY KEY (`id`),
  KEY `did` (`did`),
 KEY ulu (ulu ,,

KEY `pid` (`pid`),

KEY `swid` (`swid`),

KEY `eid` (`eid`),

CONSTRAINT `movie_ibfk_1` FOREIGN KEY (`did`) REFERENCES `director` (`id`),

TOWNIO ibfk 2` FORFIGN KEY (`pid`) REFERENCES `producer` (`id`),
  CONSTRAINT `movie_ibfk_3` FOREIGN KEY (`swid`) REFERENCES `writer` (`id`),
  CONSTRAINT `movie_ibfk_4` FOREIGN KEY (`eid`) REFERENCES `editor` (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=11 DEFAULT CHARSET=latin1;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `movie`
```

```
LOCK TABLES `movie` WRITE;
/*!40000 ALTER TABLE `movie` DISABLE KEYS */;
INSERT INTO `movie` VALUES (1, 'Fight Club', 'drama', 1999, 'English', 139, 'An insomniac
office worker, looking for a way to change his life, crosses paths with a devil-
may-care soap maker, forming an underground fight club that evolves into something
much, much more.',5,1,1,1,'R'),(2,'There Will Be
Blood', 'drama', 2007, 'English', 158, 'A story of family, religion, hatred, oil and
madness, focusing on a turn-of-the-century prospector in the early days of the
business.',1,2,2,2,'R'),(3,'The Fly','drama',1986,'English',96,'A brilliant but
eccentric scientist begins to transform into a giant man/fly hybrid after one of
his experiments goes horribly wrong.',7,3,3,3,'R'),(4,'Jurassic' Park','adventure',1993,'English',127,'During a preview tour, a theme park suffers a
major power breakdown that allows its cloned dinosaur exhibits to run
amok.',6,4,4,4,'PG-13'),(5,'The Shining','horror',1980,'English',146,'A family
heads to an isolated hotel for the winter where an evil and spiritual presence
influences the father into violence, while his psychic son sees horrific
forebodings from the past and of the future.',3,6,6,6,'R'),(6,'Requiem For A
Dream', 'drama', 2000, 'English', 102, 'The drug-induced utopias of four Coney Island
people are shattered when their addictions run deep.', 9, 8, 8, 8, 'R'), (7, 'Mystic
River','crime',2003,'English',138,'With a childhood tragedy that overshadowed their
lives, three men are reunited by circumstance when one has a family
tragedy.',4,9,9,9,'R'),(8,'The Shawshank
Redemption', 'crime', 1994, 'English', 142, 'Two imprisoned men bond over a number of
years, finding solace and eventual redemption through acts of common
decency.',10,10,10,10,'R'),(9,'The Wolf Of
Wallstreet', 'biography', 2013, 'English', 179, 'Based on the true story of Jordan
Belfort, from his rise to a wealthy stock-broker living the high life to his fall
involving crime, corruption and the federal government.',8,5,5,5,'R'),(10,'Pulp
Fiction', 'drama', 1994, 'English', 154, 'The lives of two mob hit men, a boxer, a
gangsters wife, and a pair of diner bandits intertwine in four tales of violence
and redemption.',2,7,7,7,'R');
/*!40000 ALTER TABLE `movie` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `producer`
DROP TABLE IF EXISTS `producer`;
/*!40101 SET @saved_cs_client
                                   = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `producer` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `name` varchar(20) DEFAULT NULL,
  PRIMARY KEY ('id')
) ENGINE=InnoDB AUTO_INCREMENT=11 DEFAULT CHARSET=latin1;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `producer`
LOCK TABLES `producer` WRITE;
/*!40000 ALTER TABLE `producer` DISABLE KEYS */;
INSERT INTO `producer` VALUES (1, 'Ross Grayson Bell'), (2, 'JoAnne Sellar'),
(3, 'Stuart Cornfeld'), (4, 'Kathleen Kennedy'), (5, 'Martin Scorsese'), (6, 'Stanley
Kubrik'), (7, 'Lawrence Bender'), (8, 'Eric Watson'), (9, 'Robert Lorenz'), (10, 'Niki
Marvin');
```

```
/*!40000 ALTER TABLE `producer` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `rating`
DROP TABLE IF EXISTS `rating`;
                                = @@character_set_client */;
/*!40101 SET @saved_cs_client
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `rating` (
  `uid` int(11) DEFAULT NULL,
  `mid` int(11) DEFAULT NULL,
  `rating` int(11) DEFAULT NULL,
 KEY `wid` (`wid`),
KEY `mid` (`mid`),
  CONSTRAINT `rating_ibfk_1` FOREIGN KEY (`uid`) REFERENCES `user` (`id`),
  CONSTRAINT `rating_ibfk_2` FOREIGN KEY (`mid`) REFERENCES `movie` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
/*!40101 SET character set client = @saved cs client */;
-- Dumping data for table `rating`
LOCK TABLES `rating` WRITE;
/*!40000 ALTER TABLE `rating` DISABLE KEYS */;
INSERT INTO `rating` VALUES (1,1,5), (3,2,4), (4,3,3), (6,4,4), (7,5,5), (8,6,4),
(9,7,3),(1,8,4),(3,9,5),(4,10,4);
/*!40000 ALTER TABLE `rating` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `review`
DROP TABLE IF EXISTS `review`;
                                  = @@character_set_client */;
/*!40101 SET @saved_cs_client
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `review` (
  `uid` int(11) DEFAULT NULL,
  `mid` int(11) DEFAULT NULL,
  `review` varchar(256) DEFAULT NULL,
  KEY `uid` (`uid`),
 KEY `mid` (`mid`),
  CONSTRAINT `review_ibfk_1` FOREIGN KEY (`uid`) REFERENCES `user` (`id`),
  CONSTRAINT `review_ibfk_2` FOREIGN KEY (`mid`) REFERENCES `movie` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `review`
LOCK TABLES `review` WRITE;
/*!40000 ALTER TABLE `review` DISABLE KEYS */;
INSERT INTO `review` VALUES (9,1,'This movie was so great, it blew my mind. Now I
feel like I dont even exist anymore lol.'), (8,2,'Talk about the kind of movie to
get in a good mood about, It makes me want to go bowling really'),(7,3,'These
```

```
special effects are amazing, and its super gross. Slime all over everything, sign
me up!'), (6,4,'Anything with dinosaurs is a winner in my book. And Goldblum has a
hell of a laugh on him.'), (4,5,'It doesn't get much more classic than this. An
abandoned hotel, some ghosts, super powers, and a giant freaking axe to set the
mood.'),(3,6,'I liked the music in this movie, but I dont think the movie its self
lives up to the hype.'),(1,7,'Whats so mystic about it, someone explain this thing
to me...:-/'),(9,8,'NOT AN ACCURATE PORTRAYAL OF PRISON. SERIOUSLY. But I could
listen to Morgan Freeman talk for days.'),(8,9,'Wallstreet is just the best, Ill
tell you what. All that 80s stuff, and money, shoowee sure makes me happy.'),
(7,10, 'Poor Marvin. :(');
/*!40000 ALTER TABLE `review` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `tags`
DROP TABLE IF EXISTS `tags`;
/*!40101 SET @saved_cs_client
                                    = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `tags` (
  `mid` int(11) DEFAULT NULL,
`tag` varchar(20) DEFAULT NULL,
  KEY `mid` (`mid`),
  CONSTRAINT `tags_ibfk_1` FOREIGN KEY (`mid`) REFERENCES `movie` (`id`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `tags`
LOCK TABLES `tags` WRITE;
/*!40000 ALTER TABLE `tags` DISABLE KEYS */;
INSERT INTO `tags` VALUES (1, 'Action Packed'), (1, 'Trippy'), (1, 'Twist Ending'),
(2, 'Intense'), (2, 'Dark'), (2, 'Suspenseful'), (3, 'Gore'), (3, 'Scary'), (4, 'Awesome'), (4, 'Dinosaurs'), (4, 'Classic'), (5, 'Crazed'), (5, 'Bloody'), (6, 'Soundtrack'),
(6, 'Gritty'), (6, 'Drugs'), (7, 'Suspenseful'), (7, 'Sad'), (8, 'Powerful'),
(8, 'Inspiring'), (9, 'Fast Paced'), (9, 'Drugs'), (10, 'Classic'), (10, 'Cerebral');
/*!40000 ALTER TABLE `tags` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `user`
DROP TABLE IF EXISTS `user`;
/*!40101 SET @saved_cs_client
                                 = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `user` (
  `id` int(11) NOT NULL AUTO_INCREMENT,
  `firstname` varchar(20) DEFAULT NULL,
  `middle` char(1) DEFAULT NULL,
  `lastname` varchar(20) DEFAULT NULL,
  `username` varchar(20) DEFAULT NULL,
  `dob` date DEFAULT NULL,
  `gender` char(1) DEFAULT NULL,
  `access` varchar(20) DEFAULT NULL,
  PRIMARY KEY (`id`)
```

```
) ENGINE=InnoDB AUTO_INCREMENT=11 DEFAULT CHARSET=latin1;
/*!40101 SET character_set_client = @saved_cs_client */;
-- Dumping data for table `user`
LOCK TABLES `user` WRITE;
/*!40000 ALTER TABLE `user` DISABLE KEYS */;
INSERT INTO `user` VALUES (1,'Ollie','T','Boxer','boxman420','1963-01-21','m','manager'),(2,'Rossana','M','Stratman','moviewatcher64','1964-09-28','f','standard'),(3,'Gwyneth','A','Gatz','gwyngatz','1973-07-03','f','manager'),
28','T','standard'),(3,'Gwyneth','A','Gatz','gwyngatz','1973-07-03','T' (4,'Britt','B','Sibert','sicritic','1976-03-18','f','manager'), (5,'Marline','S','Toto','mst1979','1979-01-26','f','standard'), (6,'Graham','D','Dennett','goldengraham','1984-02-29','m','manager'), (7,'Daniele',NULL,'Marinez','filmarinez','1985-06-29','f','manager'), (8,'Camila','R','Gass','gassgirl25','1992-04-08','f','manager'), (9,'Carl','E','Siegal','siegcninoit','1995-05-16','m','manager'), (10,'Phil',NULL,'Keaton','phillykeatman','1997-03-06','m','standard');
/*!40000 ALTER TABLE `user` ENABLE KEYS */;
UNLOCK TABLES;
-- Table structure for table `writer`
DROP TABLE IF EXISTS `writer`;
/*!40101 SET @saved_cs_client
                                             = @@character_set_client */;
/*!40101 SET character_set_client = utf8 */;
CREATE TABLE `writer` (
    id` int(11) NOT NULL AUTO_INCREMENT,
   `name` varchar(20) DEFAULT NULL,
   `dob` date DEFAULT NULL,
  PRIMARY KEY (`id`)
) ENGINE=InnoDB AUTO_INCREMENT=11 DEFAULT CHARSET=latin1;
-- Dumping data for table `writer`
LOCK TABLES `writer` WRITE;
/*!40000 ALTER TABLE `writer` DISABLE KEYS */;
INSERT INTO `writer` VALUES (1, 'Chuck Palahniuk', '1962-02-21'), (2, 'Upton
Sinclair', '1878-09-20'), (3, 'George Langelaan', '1908-01-19'), (4, 'Michael
Crichton', '1942-10-23'), (5, 'Jordan Belfort', '1962-07-09'), (6, 'Stephen King', '1947-
09-21'), (7, 'Quentin Tarantino', '1963-03-27'), (8, 'Hubert Selby Jr.', '1928-07-28'),
(9, 'Dennis Lehane', '1965-08-04'), (10, 'Frank Darabont', '1959-01-28');
/*!40000 ALTER TABLE `writer` ENABLE KEYS */;
UNLOCK TABLES;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;
/*!40101 SET SQL MODE=@OLD SQL MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;
```

-- Dump completed on 2017-03-22 1:34:55