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CSCI- 2999

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**Content**

Platform

MySQL DBMS

Language

DDL, DML and DCL

Database Entity Relationship Diagram

Tables and Relationship

Testing

Security

Differentiate privilege

Granting privilege code and Sample output table

Data encryption

Data Dictionary

Damp SQL Queries

**Dawlab Inc.  
Relational Database Management System**

**Platform**

Dawlab Inc. DBMS uses MySQL platform



**This database apply Three SQL commands DDL, DML and DCL**

**Applying DDL**

* DDL (Data Definition Language) source code uses to modify the database structure.
* Create: table, index, view
* Drop: delete object form the database
* Alter: alter the database structure
* Truncate: remove all record from the table

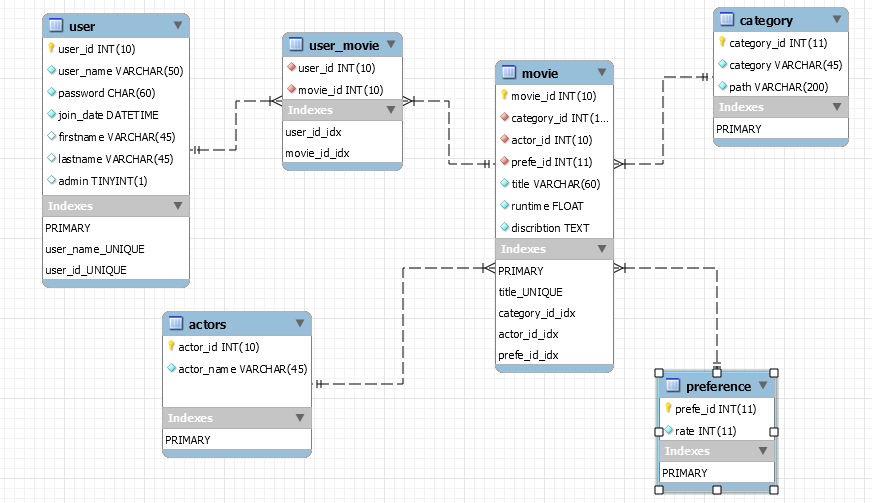
**Applying DML**

* DML (Data Manipulation Language) source code helps to insert, delete, select and update the database data that located in the tables.

**Applying DCL**

* DCL (Data Control Language) command includes Grant and Revoke, which is the access privileges of the database.
* Grant: gives privileges to users for access the database.
* Revoke: withdraw the privilege of access the database.

**Database Entity Relationship Diagram**



**Testing**

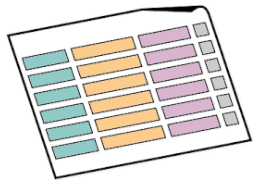
* The database tables and data are normalized.
* Dawlab Inc. Database are tested based on the above three SQL commands which is DDL, DML and DCL.
* This database working well with CRUD(create, retrieve, update and delete)
* It works without redundancy and duplication of the data.

**Security**

Dawlab Inc. Database Apply Two methodology in order to secure the database.

**1**. **Differentiate the privilege** of the user by Applying DCL (Data Control Language)

* Grant the user’s to access only from the **view**



Granted only from view

Don’t allow to access database tables

* The Dawlab Inc. programmers granted for Insert, update and select
* Programmers **are not allowed to delete**
* DBA administrator only have full privilege to manipulate the database.

**Granting privilege code and Sample output table**

**--**

**diferenctiat prevelage**

**create user Wudist identified by 'password';**

**create user WudistA identified by 'password';**

**create user Mabel identified by 'password' ;**

**-- granting previlage**

**grant select, insert, delete, update**

**on moviestream.\***

**to WudistA;**

**grant all on moviestream.\***

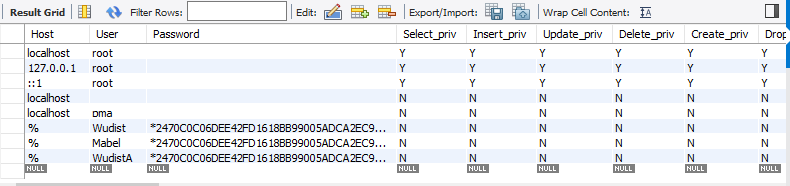
**to Wudist;**

**show grants for WudistA;**

**show grants for Wudist;**

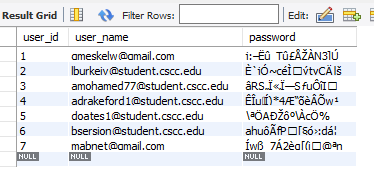
**show grants for Mabel;**

**select \* from mysql.user;**



2. **Data Encryption**

* Data encryption protect sensitive data from SQL-injection
* MySQL database have **built-in** encryption(aes\_encrypt) and decryption(aes\_dycrypt) function
* Dawlab Inc. applied encryption for the sack of security
* Hackers might use SQL- injection and they might get the all of database data, but if data encryption will be applied on the system they will not allowed to access or to identify what in there. See the following sample table.
* encrypted sensitive (password) data



**Dawlab Inc. Data Dictionary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Database-Name** | **Table Type** | **Table Name** | **key Column** | **Field Name** | **Data Type** | **Field Size** | **Note** |
| moviestream | table | user | PK,UN,AI | **user\_id** | int | 10 |  |
| moviestream | table | user | UN | **user\_name** | varchar | 50 |  |
| moviestream | table | user |  | password | char | 60 |  |
| moviestream | table | user |  | join\_date | datetime |  |  |
| moviestream | table | user |  | firstname | varchar | 45 |  |
| moviestream | table | user |  | lastname | varchar | 45 |  |
| moviestream | table | user |  | admin | tinyint |  |  |
| moviestream | table | movie | PK,UN,AI | **movie\_id** | int | 10 |  |
| moviestream | table | movie | FK | **category\_id** | int | 11 |  |
| moviestream | table | movie | FK | **actor\_id** | int | 10 |  |
| moviestream | table | movie | FK | **prefe\_id** | int | 11 |  |
| moviestream | table | movie | UN | **title** | varchar | 60 |  |
| moviestream | table | movie |  | runtime | float |  |  |
| moviestream | table | movie |  | discribtion | text |  |  |
| moviestream | table | user\_movie | FK, UN | **user\_id** | int | 10 |  |
| moviestream | table | user\_movie | FK,UN | **movie\_id** | int | 10 |  |
| moviestream | table | actors | PK,UN | **actor\_id** | int | 10 |  |
| moviestream | table | actors |  | actor\_name | varchar | 45 |  |
| moviestream | table | category | PK | **category\_id** | int | 11 |  |
| moviestream | table | category |  | category | varchar | 45 |  |
| moviestream | table | category |  | path | varchar | 200 |  |
| moviestream | table | preference | PK | **prefe\_id** | int | 11 |  |
| moviestream | table | preference |  | Rate | int | 11 |  |
| moviestream | view | username |  | user\_name | varchar | 50 |  |
| moviestream | view | username |  | firstname | varchar | 45 |  |

**Damp SQL Queries**

-- MySQL dump 10.13 Distrib 5.7.17, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: moviestream

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

-- Server version 5.5.5-10.1.22-MariaDB

/\*!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 @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!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 \*/;

--

-- 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` (

`user\_id` int(10) unsigned NOT NULL AUTO\_INCREMENT,

`user\_name` varchar(50) NOT NULL,

`password` char(60) NOT NULL,

`join\_date` datetime NOT NULL,

`firstname` varchar(45) DEFAULT NULL,

`lastname` varchar(45) DEFAULT NULL,

`admin` tinyint(1) DEFAULT '0',

PRIMARY KEY (`user\_id`),

UNIQUE KEY `user\_name\_UNIQUE` (`user\_name`),

UNIQUE KEY `user\_id\_UNIQUE` (`user\_id`)

) ENGINE=InnoDB AUTO\_INCREMENT=8 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,'gmeskelw@gmail.com','j:–Ëû¸Tû£ÅŽÀN3]Ú','0000-00-00 00:00:00','wudist','Aycheh',1),(2,'lburkeiv@student.cscc.edu','È`jÓ~çéÌýtyÇÄ|š','0000-00-00 00:00:00','Lintonio','Burke',1),(3,'amohamed77@student.cscc.edu','âRS„Ï«‚Ï—SƒuÔîI','0000-00-00 00:00:00','Ali','Mohamed',1),(4,'adrakeford1@student.cscc.edu','ÊÎµÍ)\*4Æ“õèÂÕw¹','0000-00-00 00:00:00','Antonio','Drakeford',1),(5,'doates1@student.cscc.edu','\\ªÖAÐŽ‑ôº\\ÀçÖ%','0000-00-00 00:00:00','Dean','Oates',1),(6,'bsersion@student.cscc.edu','ahuôÃfP[§ó›:dá¦','0000-00-00 00:00:00','Brandon','Sersion',1),(7,'mabnet@gmail.com','Íwß¸7Á2èq[(i@ªn','0000-00-00 00:00:00','Mabel','Amanuel',0);

/\*!40000 ALTER TABLE `user` 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 2018-05-09 10:41:59

-- MySQL dump 10.13 Distrib 5.7.17, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: moviestream

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

-- Server version 5.5.5-10.1.22-MariaDB

/\*!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 @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!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 \*/;

--

-- Temporary view structure for view `username`

--

DROP TABLE IF EXISTS `username`;

/\*!50001 DROP VIEW IF EXISTS `username`\*/;

SET @saved\_cs\_client = @@character\_set\_client;

SET character\_set\_client = utf8;

/\*!50001 CREATE VIEW `username` AS SELECT

1 AS `user\_name`,

1 AS `firstname`\*/;

SET character\_set\_client = @saved\_cs\_client;

--

-- Final view structure for view `username`

--

/\*!50001 DROP VIEW IF EXISTS `username`\*/;

/\*!50001 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!50001 SET @saved\_cs\_results = @@character\_set\_results \*/;

/\*!50001 SET @saved\_col\_connection = @@collation\_connection \*/;

/\*!50001 SET character\_set\_client = utf8 \*/;

/\*!50001 SET character\_set\_results = utf8 \*/;

/\*!50001 SET collation\_connection = utf8\_general\_ci \*/;

/\*!50001 CREATE ALGORITHM=UNDEFINED \*/

/\*!50013 DEFINER=`root`@`localhost` SQL SECURITY DEFINER \*/

/\*!50001 VIEW `username` AS select `user`.`user\_name` AS `user\_name`,`user`.`firstname` AS `firstname` from `user` \*/;

/\*!50001 SET character\_set\_client = @saved\_cs\_client \*/;

/\*!50001 SET character\_set\_results = @saved\_cs\_results \*/;

/\*!50001 SET collation\_connection = @saved\_col\_connection \*/;

--

-- Dumping events for database 'moviestream'

--

--

-- Dumping routines for database 'moviestream'

--

/\*!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 2018-05-09 10:42:00

-- MySQL dump 10.13 Distrib 5.7.17, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: moviestream

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

-- Server version 5.5.5-10.1.22-MariaDB

/\*!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 @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!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 \*/;

--

-- Table structure for table `category`

--

DROP TABLE IF EXISTS `category`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `category` (

`category\_id` int(11) NOT NULL,

`category` varchar(45) NOT NULL,

`path` varchar(200) NOT NULL,

PRIMARY KEY (`category\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `category`

--

LOCK TABLES `category` WRITE;

/\*!40000 ALTER TABLE `category` DISABLE KEYS \*/;

/\*!40000 ALTER TABLE `category` 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 2018-05-09 10:41:57

-- MySQL dump 10.13 Distrib 5.7.17, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: moviestream

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

-- Server version 5.5.5-10.1.22-MariaDB

/\*!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 @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!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 \*/;

--

-- Table structure for table `actors`

--

DROP TABLE IF EXISTS `actors`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `actors` (

`actor\_id` int(10) unsigned NOT NULL,

`actor\_name` varchar(45) NOT NULL,

PRIMARY KEY (`actor\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `actors`

--

LOCK TABLES `actors` WRITE;

/\*!40000 ALTER TABLE `actors` DISABLE KEYS \*/;

/\*!40000 ALTER TABLE `actors` 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 2018-05-09 11:18:40

-- MySQL dump 10.13 Distrib 5.7.17, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: moviestream

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

-- Server version 5.5.5-10.1.22-MariaDB

/\*!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 @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!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 \*/;

--

-- 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` (

`movie\_id` int(10) unsigned NOT NULL AUTO\_INCREMENT,

`category\_id` int(11) NOT NULL,

`actor\_id` int(10) unsigned NOT NULL,

`prefe\_id` int(11) NOT NULL,

`title` varchar(60) NOT NULL,

`runtime` float NOT NULL,

`discribtion` text NOT NULL,

PRIMARY KEY (`movie\_id`),

UNIQUE KEY `title\_UNIQUE` (`title`),

KEY `category\_id\_idx` (`category\_id`),

KEY `actor\_id\_idx` (`actor\_id`),

KEY `prefe\_id\_idx` (`prefe\_id`),

CONSTRAINT `actor\_id` FOREIGN KEY (`actor\_id`) REFERENCES `actors` (`actor\_id`) ON DELETE NO ACTION ON UPDATE NO ACTION,

CONSTRAINT `category\_id` FOREIGN KEY (`category\_id`) REFERENCES `category` (`category\_id`) ON DELETE NO ACTION ON UPDATE NO ACTION,

CONSTRAINT `prefe\_id` FOREIGN KEY (`prefe\_id`) REFERENCES `preference` (`prefe\_id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB 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 \*/;

/\*!40000 ALTER TABLE `movie` 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 2018-05-09 11:18:41

-- MySQL dump 10.13 Distrib 5.7.17, for Win64 (x86\_64)

--

-- Host: 127.0.0.1 Database: moviestream

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

-- Server version 5.5.5-10.1.22-MariaDB

/\*!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 @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!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 \*/;

--

-- Table structure for table `preference`

--

DROP TABLE IF EXISTS `preference`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `preference` (

`prefe\_id` int(11) NOT NULL,

`rate` int(11) NOT NULL,

PRIMARY KEY (`prefe\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=latin1;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `preference`

--

LOCK TABLES `preference` WRITE;

/\*!40000 ALTER TABLE `preference` DISABLE KEYS \*/;

/\*!40000 ALTER TABLE `preference` 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 2018-05-09 11:18:41