

Database Systems - ISYS2014

Final Assignment

User guide :

Fujishima_21873542 database

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Introduction

This document is for guidance instructions for the users of the database Fujishima_21873542. By following this guidance, you are able to use sample data and understand the structure of the table related to the film festival.

Operating Environment

The database was used as follows:

- MySQL Server
- OS (Operating System): Windows 11
(The Omission account credential provided by Curtin University.)

Database Setup

Open and log in to the MySQL system.

Using this information.

```
STUDENT\21873542@v-2204-hcs-169 [~/DBS/FinalAssignment]$ mysql -u dsuser -p  
Enter password:
```

-u (user) dsuser -p (password)

The password is userCreateSQL

If you have a MySQL account to log in, it's fine to use your own account, but make sure you have the privilege to create a new database.

Database Setup

1. After logging in to the MySQL server, create a Database and use the created database using the following Commands:

```
mysql> CREATE DATABASE Fujishima_21873542;  
Query OK, 1 row affected (0.01 sec)  
  
mysql> USE Fujishima_21873542;  
Database changed
```

2. Create Tables: Execute the table creation script provided.

The createtables.sql file contains all the scripts for creating Person, Film, Received, etc tables.

```
(mysql> SOURCE createtables.sql
```

3. To verify the created tables and structure. RUN This command.

DESCRIBE Person; (check structures)

SHOW TABLES; (show all created tables in the database)

Sample data insertion

Execute the insertion script provided.

SOURCE inserttables.sql

SELECT * FROM Person; (see the inserted information)

Advance Features

A complex query designed using Trigger, procedure, select, and join methods, etc

(The files contain these advanced script.sql Part3.sql, Part4.sql , Part4_1.sql, Part4Pro1/sql, PArt4_Pro2.sql)

Use of SOURCE helps execute these files.

Python Connectivity

To connect the database via Python, the [FinalConnecting1.py](#)

Have all the code to connect to the database

You can use Python3 to run the code, but please exit from the MySQL account and try this.

```
STUDENT\21873542@v-2204-hcs-169 [~/DBS/FinalAssignment]$ python3 FinalConnecting1.py
```