Database: MovieRecommend

1. Create table admininfo(

aid int primary key auto\_increment,

adminname varchar(100) not null,

adminpassword varchar(100) unique not null,

superAdmin varchar(100)) not null;

1. Create table banner(

b\_id int primary key auto\_increment,

banner\_name varchar(100) not null,

banner\_highlights varchar(200)) not null;

1. Create table movieinfo(

m\_id int primary key auto\_increment,

movie\_title varchar(100) not null,

movie\_mapping\_name varchar(500) not null,

movie\_desc varchar(700) not null,

);

**User Table:**

1) CREATE TABLE users (

user\_id INT PRIMARY KEY AUTO\_INCREMENT,

username VARCHAR(50) UNIQUE NOT NULL,

email VARCHAR(100) UNIQUE NOT NULL,

password\_hash VARCHAR(255) NOT NULL,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP

);

**Movies Table:**

2) CREATE TABLE movies (

movie\_id INT PRIMARY KEY AUTO\_INCREMENT,

title VARCHAR(255) NOT NULL,

genre VARCHAR(100),

release\_year INT,

director VARCHAR(100),

rating FLOAT DEFAULT 0,

description TEXT,

poster\_url VARCHAR(255)

);

**Rating Table:**

3) CREATE TABLE ratings (

rating\_id INT PRIMARY KEY AUTO\_INCREMENT,

user\_id INT,

movie\_id INT,

rating FLOAT CHECK (rating >= 0 AND rating <= 5),

review TEXT,

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(user\_id) ON DELETE CASCADE,

FOREIGN KEY (movie\_id) REFERENCES movies(movie\_id) ON DELETE CASCADE

);

**WatchList Table:**

4) CREATE TABLE watchlist (

watchlist\_id INT PRIMARY KEY AUTO\_INCREMENT,

user\_id INT,

movie\_id INT,

added\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(user\_id) ON DELETE CASCADE,

FOREIGN KEY (movie\_id) REFERENCES movies(movie\_id) ON DELETE CASCADE

);

**Recommendation Table:**

5) CREATE TABLE recommendations (

rec\_id INT PRIMARY KEY AUTO\_INCREMENT,

user\_id INT,

movie\_id INT,

reason VARCHAR(255), -- e.g., "Similar to Inception"

created\_at TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (user\_id) REFERENCES users(user\_id) ON DELETE CASCADE,

FOREIGN KEY (movie\_id) REFERENCES movies(movie\_id) ON DELETE CASCADE

);

Dataset:

import kagglehub

# Download latest version

path = kagglehub.dataset\_download("asaniczka/tmdb-movies-dataset-2023-930k-movies")

print("Path to dataset files:", path)