

Homework 07

Develop a Movie Recommendation System in Java. This system has five recommenders that recommend:

1. Most popular movies.
2. The movies that most users from the same country have liked.
3. The movies by the same author
4. The movies by the user with strongly similar preferences.
5. The movies that most users who liked the movie the user liked also liked.

Note: the recommenders should not recommend items the user already liked/disliked.

When the program starts, it shows a list of functionalities and asks a user to choose options as below:

1. Login
2. Like/Dislike a movie
3. Logout

Submission: Source Code and Database file .bak (Right click on the database > Tasks > Back Up > Ok)

Deadline: 29th November, 11:59 PM. Please go to Edmodo > View Assignment > Turn in Assignment.

Below are the tables you would need:

Movie(<u>MovieID</u> , Title)	← 20 movies
MovieDetail(<u>MovieID</u> , <u>AuthorID</u>)	
Author(<u>AuthorID</u> , AuthorName)	← 5 authors
User(<u>UserID</u> , Gender, Country, Username, Password)	← 5 users
Like(<u>UserID</u> , <u>MovieID</u> , LikeOrDislike)	← 10 like/dislike