Spring Internship Assignment-3

Consider following system, analyze its workflow and develop a Java application using Spring MVC.

Film Review & Recommendation System

Like IMDB create a movies collection and allow users to write review for the film. Other users will be able to search reviews for the film. These just guidelines, use your ideas and develop.

<u>Your application must include following activities-</u>

ADMIN

- Login as admin
- Add new film
- Every film will have attributes like -ID, name, language, country, category*, relyr, certificate*, director, actor, actress, music, platform*, budget, collection, youtube trailer embed link etc.
- *category- family, drama, horror, action, comedy
- *platform - Netflix, amazon, hotstar, youtube, etc.
- *certificate- ALL, 13+, 16+, 18+
- Allow admin to modify platform & collection of the movie
- Movies searching & reporting
- Delete a movie

USER

- User registration with age and gender
- Login, Session tracking, Logout, Change password
- Search movies based on category, language, director, actor, etc. with show reviews option
- Write a review on the movie with conclusion (liked/disliked), detailed review
- Search, Read reviews for a film, play the trailer from youtube embed link
- In search result of a movie, show '13% viewers of your age group liked this movie'
- Under recommend option accept category and suggest top movies according to age & liking
- Show List of users reviews for various films
- Delete own review

Tools to be used:

MVC Framework – Spring MVC
Database – MySQL8
Server - Tomcat
IDE – Eclipse
UI- HTML5, AJAX and bootstrap