Project : Movie rating and review system
Fork it on github here: https://github.com/manojdevender/dbproject

- Motivation of the project
  - Firstly we students ourselves, search ratings of a movie before watching a movie or downloading it. Not only for above purposes, but even to know what's critics rating for a particular movie, what's general audience response to it. So to implement this rating websites ourselves, we felt excited and challenging.
  - Secondly, in this course we were given an assignment 3 on imdb database boosted our confidence to work on rating websites
- the target audience
  - Any person who is interested in knowing How good a movie is? can use this web application. Ranging from 8 year kid to elder people everyone will be using it. Given a person with internet access, he/she can use our web application.
- what do you envision from this system
  - We have imdb, rotten tomatoes kind of rating websites which are dedicated primarily to Hollywood movies and tv series. These sites provides various ways to group movies and people. Not only they have database of rated movies they even advertise about upcoming movies, give news updates about actors and movie crew. They are considered one the best user interface providing websites in world.
  - We envision to have similar kind of websites for movies made in Asian Sub continent or at least for Indian movies. We thought to add some additional features, those that weren't present in there in there sites like social connectivity for users, better chat service, fast feedback responsive web system etc.

2) Source of collecting data for the tables and the cleanup process to suit your needs
- We used the data of latest movies by imdb to create tables.
- Ratings table was modified to contain comments/reviews
- Movie table was also modified to contain description of the movie

3) ER Diagram of the system
Enclosed in docs folder
4) Different modes of the application (User and Administrator)
- We have two modes
  - User Mode:
    - User is provided with an friendly user interface.
    - User has a dynamic interface of latest movies, toprated movies, all movies
    - User was provided with secure authentication and has no authority over modifying database.
    - Passwords are stored securely with md5 encryption
  - Administrator Mode
    - Admin is privileged to add a new movie along with its details like genre,description,release date.

■ Admin also can add a new actor or a new director to the database

5) User and System view (include the tables/views/triggers here)
Views :
Movie view was added which was created from movie table without description as in the intial home description is not being displayed.

Triggers :
History trigger :
Whenever a user decides to change a rating which he has already rated we trigger it and maintain the history in the table named history.

6) Platform used for building frontend: HTML,PHP,JS,BootStrap
Platform used for building backend: MYSQL

7)Special Features:
We made a rating breakdown to display the number of users who rated a movie with different ratings.
Reviews/comments are displayed for a movie in highest rated first fashion.
Popular Movies,Latest Movies and all the Movies in the database are displayed.
Users can edit his profile in the profile section.

8)Flow of website: