IMDB

Group 4

Milestone: 1

Home page:

This is the first page of the website. The home page consists of advertisements, header or navigation bar, footer, films and TV series content.

* Advertisements

The advertisement layout is done with the help of JSP page and CSS style format.

Header and content is being allocated for advertisement.

Click on the advertisement and it is being redirected to advertisement website.

The position of advertisements are fixed.

* Footer

The footer page contains three parts: -- Contact us, help, and about us.

When we will click on contact us tab, it will give the details such as phone number, email id etc.

Second thing is that if we click on help tab, it will give frequent ask questions [FAQ] page like what are the possible questions you would ask.

And lastly about us tab where you can get the brief information about the site.

* The Navigation Menu will contain

a. IMDB Logo

b. Movies-

* + - 1. Top Rated Movies
      2. Currently Running Movies
      3. Upcoming Movies

c. TV Shows-

1. Top Rated TV shows
2. Currently Running TV shows
3. Upcoming TV Shows

1. Login link
2. Register link

**Milestone: 2**

**Login, Registration, add and view film data(Admin)**

Any new user can register. Registered users can rate movies and TV shows and add reviews for the same after logging using their credentials. Guest users can only view information related to any movies and TV shows. They cannot post reviews or rate.

***1) Login and Registration :***

* Login and Registration page is created using jsp.
* The login credentials are correct then it will be redirected to login home page and registration credentials are correct it will be redirected to home page.
* Create login and registration service where it will provide the operations. Registration Service will use the repository for database access and will have necessary methods for data access and manipulation.
* Create Repository where it accesses the database for basic CRUD operations.

***2) Admin Login:***

* Create Admin login page using jsp.
* Set the Admin login path in the controller.
* Create AdminController and validations will be checked and if correct, redirect to page where only Admin can add the films and view the films. If the validations will not correct then it will redirect to admin home page.
* Create Admin service where it will provide the operations. Amin Login Service will use the admin repository for database access and will have necessary methods for data access and manipulation.
* Create Admin Repository where it accesses the database for basic CRUD operations.
* Create Admin pojo class having getters, setters, constructors and toString().

***3) Films and TV series data addition(Admin) :***

* The link for adding new films or tv shows is provided on the Admin home page.When the link is clicked, a form open up.
* Admin need to fill all the details including name, type(Bollywood /hollywood/tv shows), description, genre ,actor, actress, director, producer and image of the respective movie or tv show.
* Admin will be able to upload the image.
* The image gets stored in a local folder with a  modified name that is accessible by the application and the path will be saved in the table.

***4) View In Admin Page:***

* First There will be Two buttons in the admin Page-

1) To add Movies/TV Shows

2) To view Movies/TV shows.

* Now to perform the 2nd part to add movies First,We will make the common table of Movies and Tvs Shows with their types which will differentiate different types and another Table for review which will be connected to the main Table by the content Id .
* Now After giving all the Inputs the Tables will be linked and stored datas will be displayed on the Admin Page.
* In the Admin Page there will be two links –

1.View Content

2.View Reviews and Ratings.

* When The admin will open the View Content Part he will be able to view all the details of Movies and TV shows.Again when the admin will open the View Reviews and Ratings Part he will be able to show all details of movies or TV shows and different Ratings that are given by different users.

***5)*** ***Session Management:***

* The navigation bar in the home page contains two buttons for register and log in. After successful log in or registration, the user will be redirected to home page.
* The buttons will be transformed into the name of the user and a logout button. The user session will be maintained across all the pages user can visit.
* A registered user can also submit rating and review, so those sections will also use session to determine whether to display or not.

**Milestone: 3**

**Update and Delete Film data:**

Admin can update and delete the information about movies and TV shows.

For update purpose, data is displayed in the table format where all the data is in the text box. Admin can update accordingly and click on save to store all the changes.

For delete purpose, data is displayed in the table format and there is an extra column containing checkboxes where Admin can select which ones to delete and click on save to record the changes.

**Milestone: 4**

**Movies and TV shows view:**

User can choose which movie or TV show to view from the list. The list is displayed after we choose the respective option from navigation bar or the content part on the home page.

After user selects a particular movie or TV show, information gets displayed.

**Milestone: 5**

**Add Rating and Reviews:**

Registered user can add reviews and provide ratings. Reviews gets added to the database for corresponding movies and TV shows. Ratings will also get stored in the database.

**Milestone: 6**

**View Rating and Reviews:**

Guest user as well as registered user can view the ratings and reviews for each movies and TV shows. After any registered user posts any review, it will be reflected in the same page. Average rating will be shown on the page.