ONLINE MOVIE LISTING AND RATING APPLICATION

USE CASE DOCUMENT

1. USE CASE 01

Use Case Name	User Registration
Actors	User
Precondition	User is not registered.
Post Conditions	User account is created in the application.
Description	This use case allows a user to create a new account in the movie listing and rating application.
Basic Flow	1. User opens the application. 2. User selects the registration option. 3. User enters the required details, such as username, password, email, etc. 4. User submits the registration form. 5. The system verifies the provided information and creates a new user account. 6. User receives a confirmation message
Alternate Flow	1: Invalid Registration Information 4a. The system detects invalid or incomplete registration information. 4b. The system displays an error message specifying the missing or incorrect fields. 4c. User corrects the information and resubmits the form.

2. USE CASE 02

Use Case Name	User Login
Actors	User
Precondition	User is registered.
Post Conditions	User is successfully logged in to the application.
Description	This use case allows a user to log in to the movie listing and rating application using their credentials.
Basic Flow	1. User opens the application. 2. User selects the login option. 3. User enters their username and password. 4. User submits the login form. 5. The system verifies the credentials and grants access to the user. 6. User is redirected to the home page.
Alternate Flow	1: Invalid Login Credentials 5a. The system detects invalid login credentials. 5b. The system displays an error message indicating the

	incorrect username or password.

3. USE CASE 03

Use Case Name	View Movies
Actors	User
Precondition	User is logged in.
Post Conditions	User can see the list of movies.
Description	This use case allows a user to view the list of movies available in the application.
Basic Flow	1. User opens the application. 2. User selects the "View Movies" option. 3. The system retrieves a list of movies from the database. 4. The system displays the list of movies to the user.
Alternate Flow	

4. USE CASE 04

Use Case Name	View Movie Rating
Actors	User
Precondition	User is logged in.
Post Conditions	User can see the rating of the selected movie.
Description	This use case allows a user to view the rating of a specific movie in the application.
Basic Flow	1. User opens the application. 2. User selects a movie from the list. 3. The system retrieves the movie's rating from the database. 4. The system displays the movie rating to the user.
Alternate Flow	

5. USE CASE 05

Use Case Name	Add Rating
Actors	User
Precondition	User is logged in.
Post Conditions	Rating is successfully added to the selected movie.
Description	This use case allows a user to add a rating for a specific movie in the application.
Basic Flow	1. User opens the application. 2. User selects a movie from the list. 3. User selects the "Add Rating" option. 4. User enters the rating for the selected movie. 5. User submits the rating. 6. The system stores the rating in the database.
Alternate Flow	1: Invalid Rating Value 4a. The system detects an invalid or out-of-range rating value. 4b. The system displays an error message indicating the correct rating range. 4c. User corrects the rating value and resubmits the rating.

6. USE CASE 06

Use Case Name	Search Movie by Name
Actors	User
Precondition	User is logged in.
Post Conditions	User can see the search results based on the movie name.
Description	This use case allows a user to search for a movie by its name in the application.
Basic Flow	1. User opens the application. 2. User selects the search option. 3. User enters the movie name in the search bar. 4. User submits the search query. 5. The system retrieves the movies matching the search query. 6. The system displays the search results to the user.
Alternate Flow	1: Invalid Rating Value 4a. The system detects an invalid or out-of-range rating value. 4b. The system displays an error message indicating the correct rating range. 4c. User corrects the rating value and resubmits the rating.

7. USE CASE 07

Use Case Name	Search Movie by Release Date
Actors	User
Precondition	User is logged in.
Post Conditions	User can see the search results based on the release date.
Description	This use case allows a user to search for movies released on a specific date in the application.
Basic Flow	1. User opens the application. 2. User selects the search option. 3. User enters the release date in the search bar. 4. User submits the search query. 5. The system retrieves the movies released on the specified date. 6. The system displays the search results to the user.
Alternate Flow	

8. USE CASE 08

Use Case Name	Admin Login
Actors	Admin
Precondition	Admin account is created.
Post Conditions	Admin is successfully logged in to the application.
Description	This use case allows an admin to log in to the movie listing and rating application using their admin credentials.
Basic Flow	1. Admin opens the application. 2. Admin selects the login option. 3. Admin enters their username and password. 4. Admin submits the login form. 5. The system verifies the admin credentials and grants access.
Alternate Flow	

9. USE CASE 09

Use Case Name	Add Movie
Actors	Admin
Precondition	Admin is logged in.
Post Conditions	The new movie is added to the list of movies in the application.
Description	This use case allows an admin to add a new movie to the application's movie listing.
Basic Flow	1. Admin opens the application. 2. Admin selects the "Add Movie" option. 3. Admin enters the details of the movie, such as title, release date, description, etc. 4. Admin submits the movie details. 5. The system validates and stores the movie information in the database.
Alternate Flow	

10. USE CASE 10

Use Case Name	View Movies (Admin)
Actors	Admin
Precondition	Admin is logged in.
Post Conditions	Admin can see the list of movies.
Description	This use case allows an admin to view the list of movies available in the application.
Basic Flow	1. Admin opens the application. 2. Admin selects the "View Movies" option. 3. The system retrieves a list of movies from the database. 4. The system displays the list of movies to the admin.
Alternate Flow	

11.USE CASE 11

Use Case Name	View Movies (Admin)
Actors	Admin
Precondition	Admin is logged in.
Post Conditions	The selected movie's details are successfully updated in the application.
Description	This use case allows an admin to update the details of an existing movie in the application.
Basic Flow	1. Admin opens the application. 2. Admin selects a movie from the list. 3. Admin selects the "Update Movie" option. 4. Admin modifies the movie details. 5. Admin submits the updated movie details. 6. The system validates and updates the movie information in the database.
Alternate Flow	

12. USE CASE 12

Use Case Name	Delete Movie
Actors	Admin

Precondition	Admin is logged in.
Post Conditions	The selected movie is deleted from the application's movie listing.
Description	This use case allows an admin to update the details of an existing movie in the application.
Basic Flow	1. Admin opens the application. 2. Admin selects a movie from the list. 3. Admin selects the "Delete Movie" option. 4. The system prompts for confirmation.
Alternate Flow	1: Cancel Deletion 4a. Admin chooses to cancel the deletion. 4b. The system aborts the deletion process.

13. USE CASE 13

Use Case Name	Logout
Actors	User, Admin
Precondition	User or admin is logged in.
Post Conditions	User or admin is successfully logged out from the application.
Description	This use case allows a user or admin to log out from the movie listing and rating application.
Basic Flow	1. User or admin opens the application. 2. User or admin selects the "Logout" option. 3. The system terminates the user's or admin's session and logs them out. 4. The system redirects the user or admin to the login page.
Alternate Flow	1: Cancel Deletion 4a. Admin chooses to cancel the deletion. 4b. The system aborts the deletion process.