Documentation

(1) Technologies Used:

IDE: Eclipse Neon
REST API:
Spring MVC Track: SpringMVC, Non/Database, maven etc.
MEAN Track: MongoDB etc.
UI:HTML, CSS, JQuery etc.
Server: Apache Tomcat
Authentication: Firebase 3.0

(2) Database Used:

I have used MongoDB for this project. I have attached the database schema(Movie.JSON).
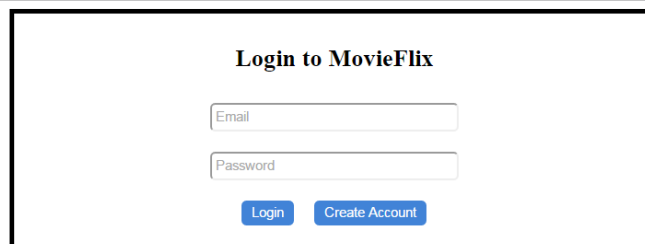
(3) Functionality: User SignIn

I have integrated Firebase 3.0 authentication API inside the Login code , for the signing in. The following is one of the login detail that you can use, to access the Application.
Login:
Email: tiger@gmail.com
Password: tiger1991

Login to MovieFlix

Email

Password

Login   Create Account

(4) Functionality: User SignUp

I have integrated Firebase 3.0 authentication API inside the Login code.

Create Your Account

UserName

Email

Password

Confirm Password

Sign Up   Go Back to Login

(5) The following is the Home Page:

MovieFlix

Sign Out

View All Content | View All Movies | View All Series | View All Comments | Add New | Update a Entry | Delete a Entry   Sort By ▼

Airlift

imdbRating: N/A Year: 2016 imdbVotes: N/A

Comment | Rate | View More

Airlift is an uplifting and entertaining edge-of-the-seat thriller and is the story of the biggest ever human evacuation in the history of mankind.

Spectre

imdbRating: 7.0 Year: 2015 imdbVotes: 161,439

Comment | Rate | View More

A cryptic message from Bond's past sends him on a trail to uncover a sinister organization. While M battles political forces to keep the secret service alive, Bond peels back the layers of deceit to reveal the terrible truth behind SPECTRE.

The Godfather

imdbRating: 9.2 Year: 1972 imdbVotes: 1,085,001

Comment | Rate | View More

The aging patriarch of an organized crime dynasty transfers control of his clandestine empire to his reluctant son.

Interstellar

imdbRating: 8.6 Year: 2014 imdbVotes: 821,030
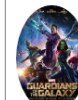
Comment | Rate | View More

A team of explorers travel through a wormhole in space in an attempt to ensure humanity's survival.

The Wolf of Wall Street

imdbRating: 8.2 Year: 2013 imdbVotes: 704,754

Comment | Rate | View More

Based on the true story of Jordan Belfort, from his rise to a wealthy stock-broker living the high life to his fall involving crime, corruption and the federal government.

Guardians of the Galaxy

imdbRating: 8.1 Year: 2014 imdbVotes: 606,903

Comment | Rate | View More

A group of intergalactic criminals are forced to work together to stop a fanatical warrior from taking control of the universe.
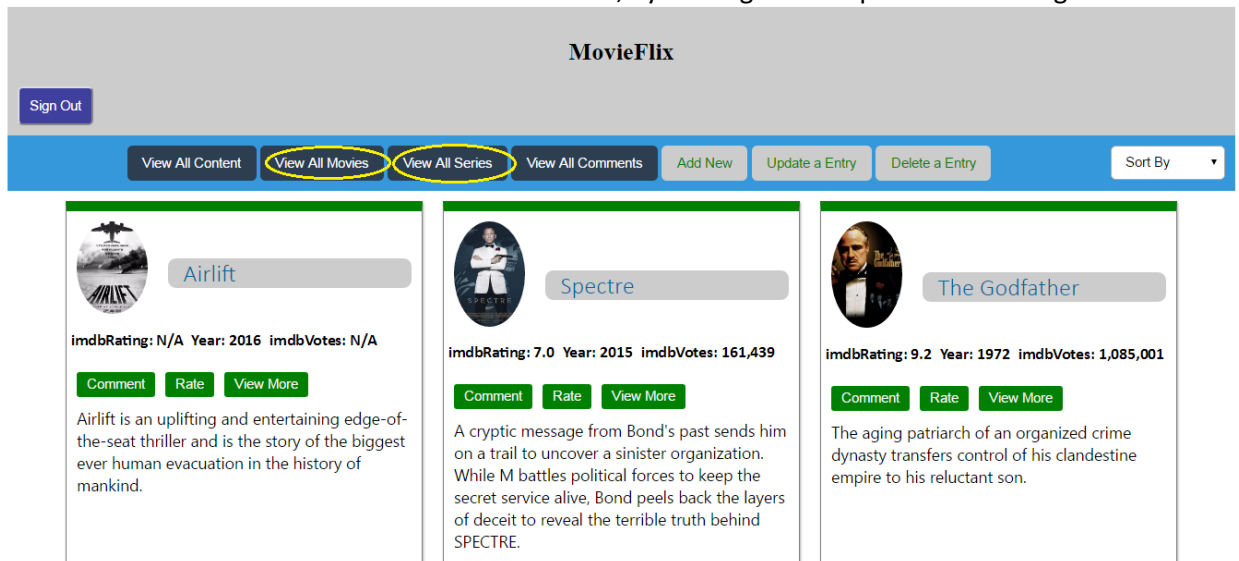
(6) Functionality: User Signout

I have integrated Firebase 3.0 authentication API inside the Login code. The User can Sign out by clicking on the "Sign Out" button.
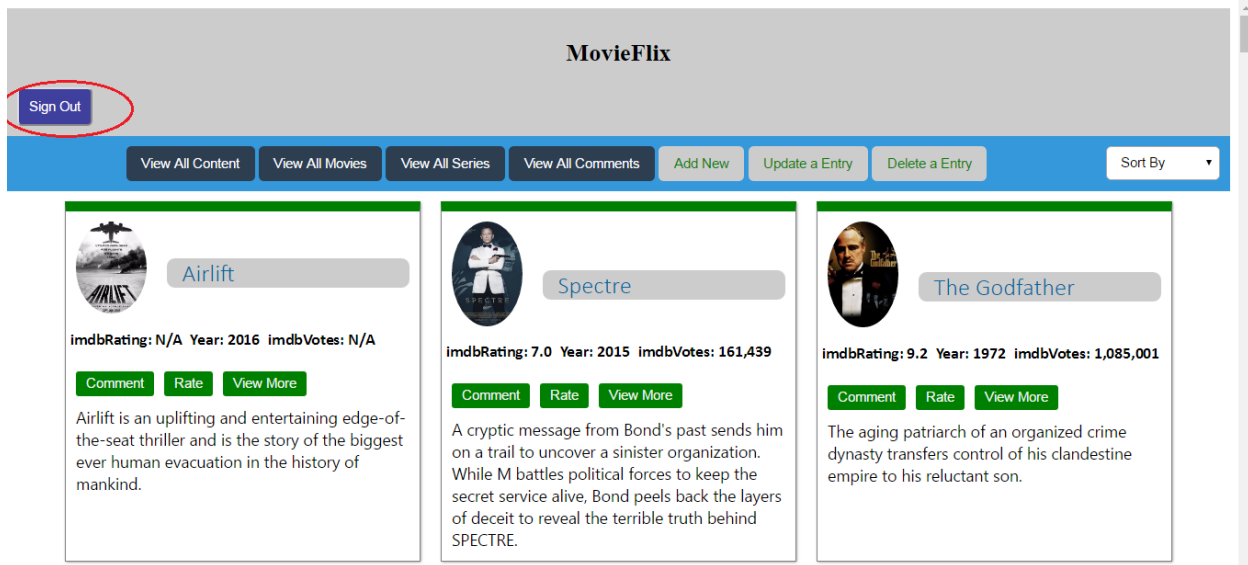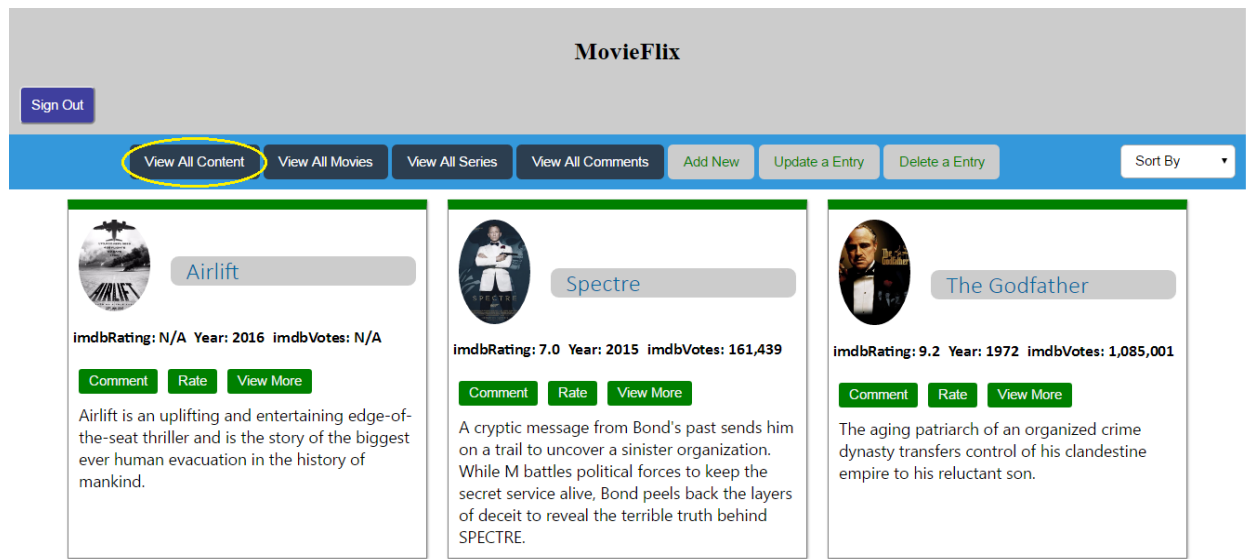

(7) Functionality: Browse Catalog

You can select to either see the Movies or TV Series, by clicking on the option in the navigation bar.

(8) Functionality: View the Entire Content

Click on View "All Content" in the navigation bar.

(9) Functionality: Filter Catalog

 The user can filter the catalog based on Type, Year Genre fields.

Do all the setup and then click on the following URL:

Filter By Genre:
http://localhost:8080/Movies/getall/genre/

Filter By Type:
By Movies http://localhost:8080/Movies/getall/movie/
By Series   http://localhost:8080/Movies/getall/series/

Filter By Year:
(This sorts the Movies and TV Series according to year, in descending order)
http://localhost:8080/Movies/getall/sortByYear

(10) Functionality: Sorting

The User is able to sort the Movies and TV Series according to the following categories:
Year, ImdbRating, ImdbVotes

(11) Functionality: Top Rated Movies and TV Series

In the navigation bar, there are two options "View All Movies" and "View All Series", for both the options the data is arranged in the descending order of their Imdb Rating, i.e Movies or TV Series with the highest rating will be viewed first.
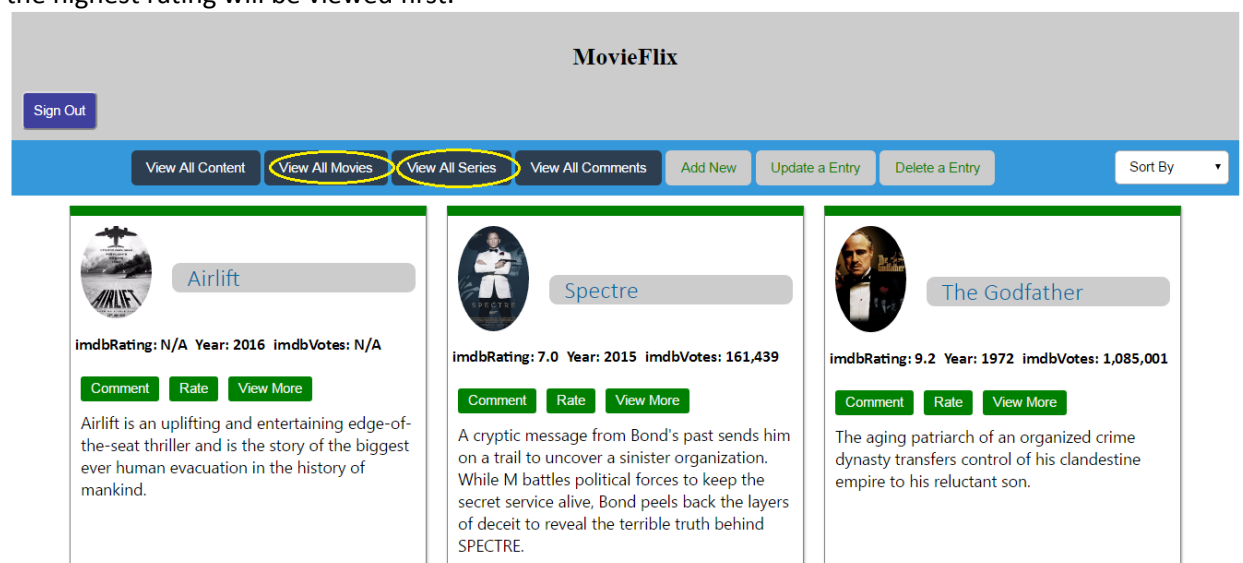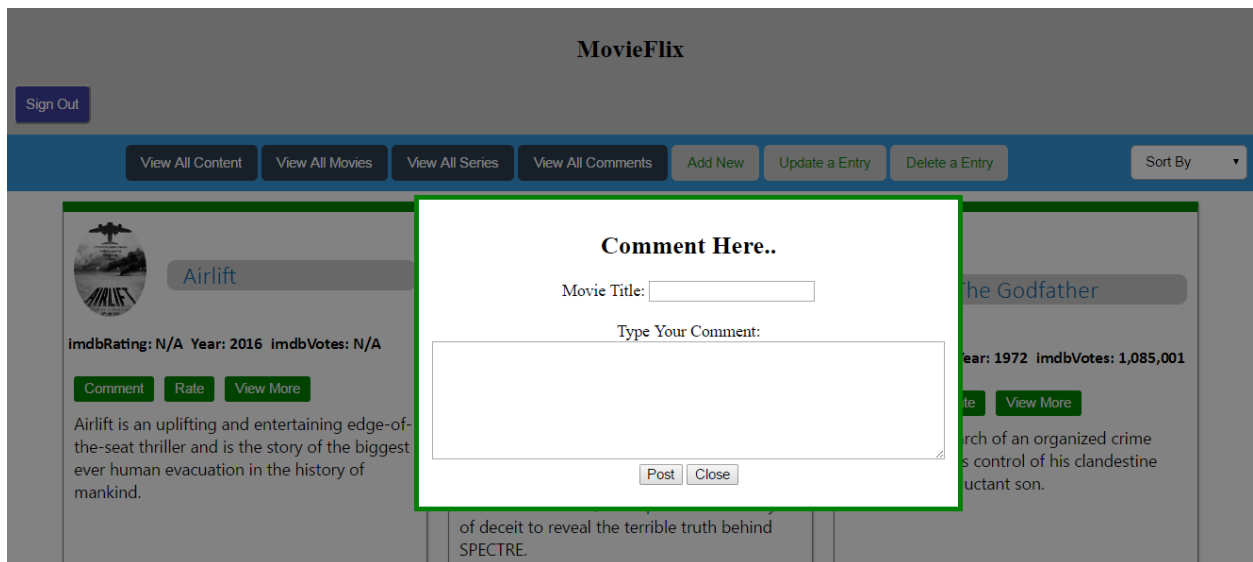

(12) Functionality: Comment on the Title

The User is able to post comments on the Movies and TV Series
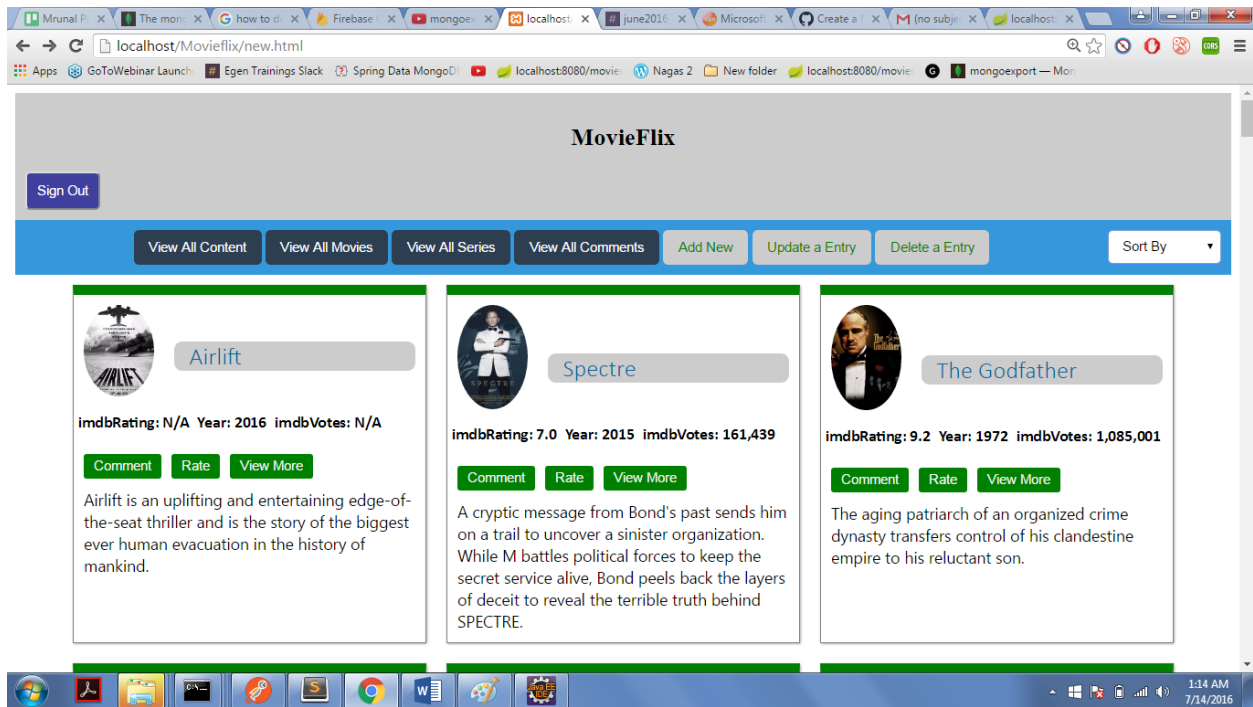
You just need to enter the Movie Title and the Comment that you need to post.

(13) Functionality: View Title Comments

You can view all the Comments that have been posted on all the Movies and Series, till now.

MovieFlix

Sign Out

View All Content | View All Movies | View All Series | View All Comments | Add New | Update a Entry | Delete a Entry | Sort By ▼

Airlift

imdbRating: N/A Year: 2016 imdbVotes: N/A

Comment | Rate | View More

Airlift is an uplifting and entertaining edge-of-the-seat thriller and is the story of the biggest ever human evacuation in the history of mankind.

Spectre

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Comment | Rate | View More

A cryptic message from Bond's past sends him on a trail to uncover a sinister organization. While M battles political forces to keep the secret service alive, Bond peels back the layers of deceit to reveal the terrible truth behind SPECTRE.

The Godfather

imdbRating: 9.2 Year: 1972 imdbVotes: 1,085,001

Comment | Rate | View More

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te | View More

rch of an organized crime
s control of his clandestine
uctant son.

Guardians of the Galaxy

Year: 2014 imdbVotes: 606,903

All Comments

Close

123{"moviename":"ABC","comment":"Gud"}

123{"moviename":"ABC","comment":"Gud"}

123{"moviename":"kfoskd","comment":"Gud"}

1003{"moviename":"JoyAllukkas","comment":"Gud"}

1004{"moviename":"Kal ho na ho","comment":"Gud"}

10001{"moviename":"JoyAllukkas","comment":"Gud"}

10001{"moviename":"Titanic","comment":"Such a good movie"}

10001{"moviename":"The Batman Movie","comment":"The movie is good."}

10001{"moviename":"crazy 4","comment":"great movie"}

96{"moviename":"The Batman Movie","comment":"abcdefghij"}

96{"moviename":"The Batman Movie","comment":"abcdefghij\n"}

96{"moviename":null,"comment":""}

10001{"moviename":"The batman movie","comment":"Its perfect"}

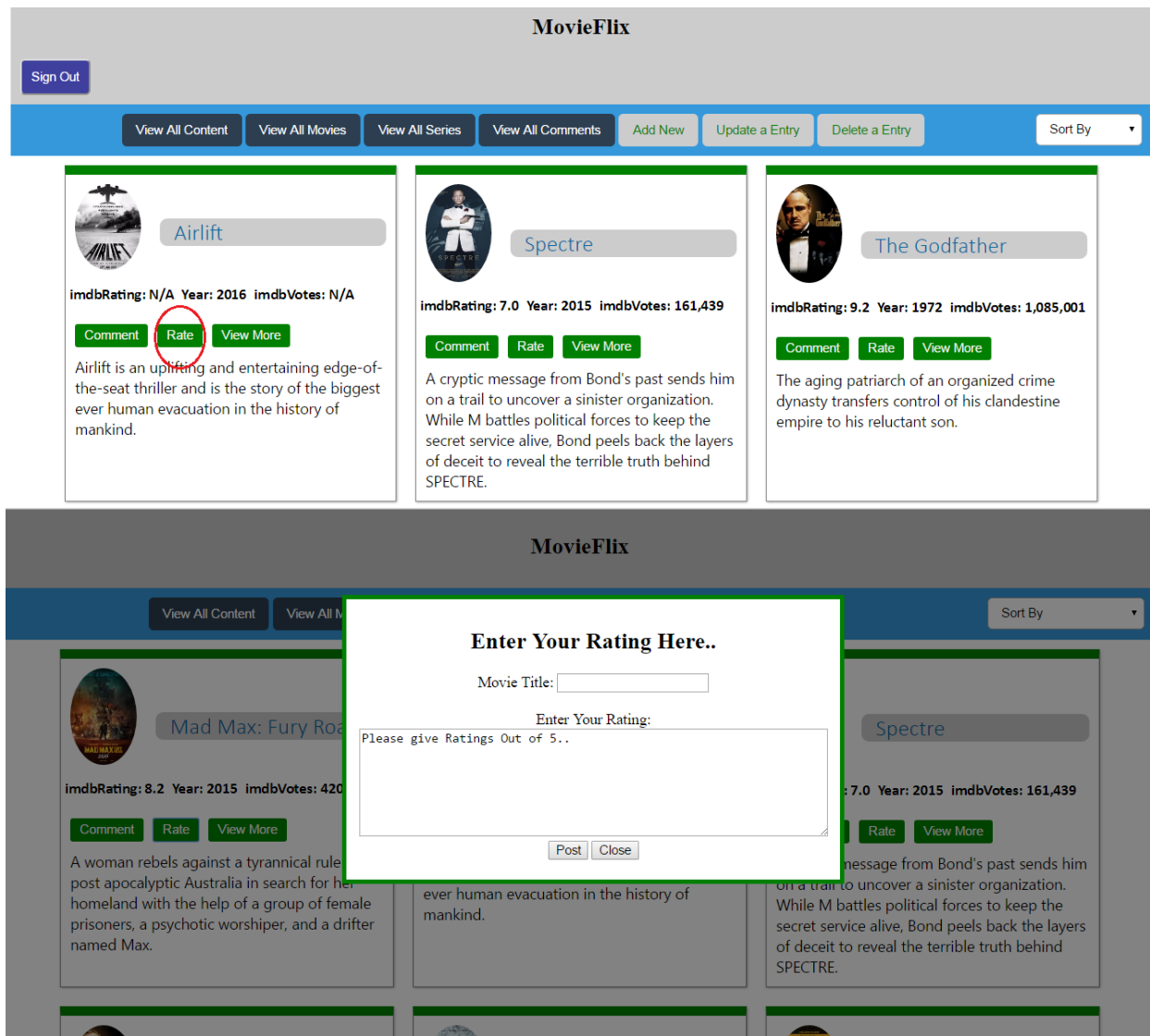10001{"moviename":"The Godfather","comment":"Such an intense movie..\t\t\t"}
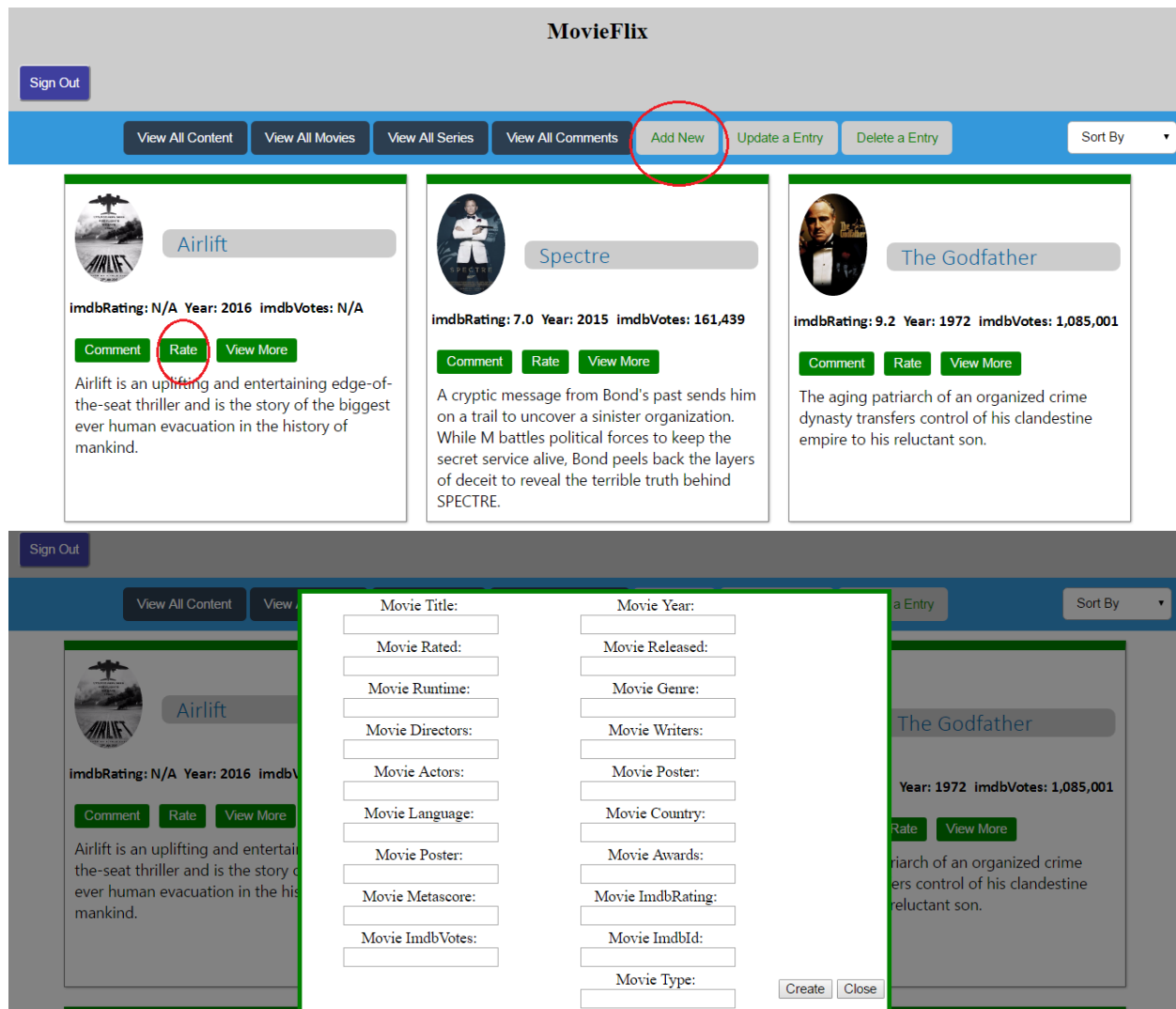
(14) Functionality: Rate a Title:

The User can give rating out of 5 to any on the Movies and Series.

(15) Functionality: Add a new Title:

The User can enter a new Movie to the database.

(16) Functionality: Edit a Title:

The User can Update any information of any existing Movie or TV Series in the database.
The User needs to enter the URL of the particular entry which needs to be updated.
(You can find the URL of all entries here: http://localhost:8080/Movies/)

MovieFlix

Sign Out

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The Godfather
imdbRating: 9.2 Year: 1972 imdbVotes: 1,085,001
Comment | Rate | View More
The aging patriarch of an organized crime dynasty transfers control of his clandestine empire to his reluctant son.

Enter the Url of the movie you want to update.

Movie Title:
sam

Movie Year:

Movie Rated:

Movie Released:

Movie Runtime:

Movie Genre:

Movie Directors:

Movie Writers:

Movie Actors:

Movie Poster:

Movie Language:

Movie Country:

Movie Poster:

Movie Awards:

Movie Metascore:

Movie ImdbRating:

Movie ImdbVotes:

Movie ImdbId:

Movie Type:

Update | Close

(17) Functionality: Delete a Title

User can delete any entry in the database, by simply entering the URL.
(You can find the URL of all entries here: http://localhost:8080/Movies/)
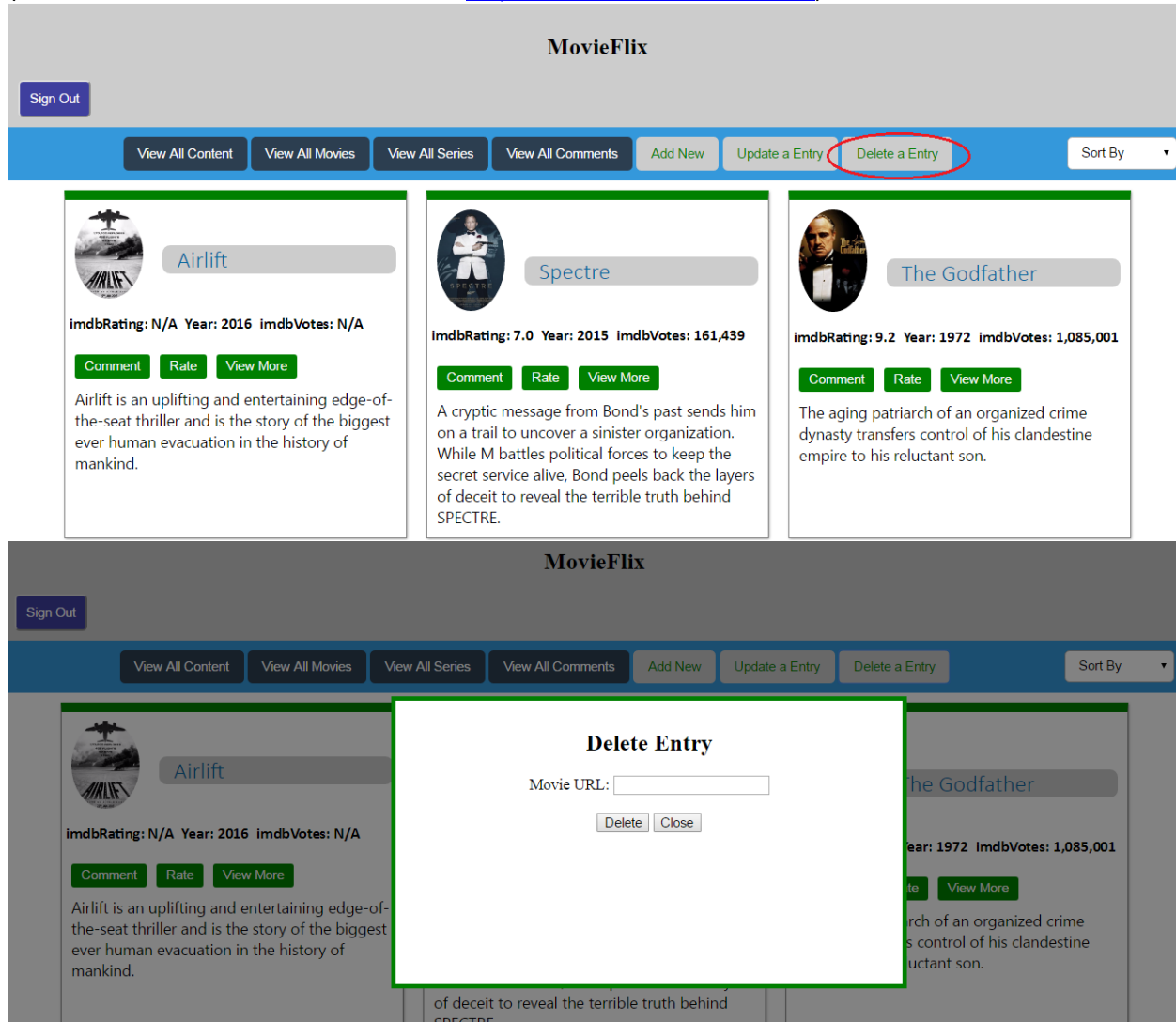
(18) Functionality: Link to Imdb site

If the User clicks on the title of the Movie or the TV Series, then User is taken to the official page of that particular Movie or Series on the imdb website

(19) Functionality: View Title Details:

When you click on View More, you can view more details of the particular Movie or Series.

Airlift

imdbRating: N/A **Year:** 2016 **imdbVotes:** N/A

Comment Rate View More

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Spectre

imdbRating: 7.0 **Year:** 2015 **imdbVotes:** 161,439

Comment Rate View More

Title: Spectre

Year: 2015

Rated: PG-13

Released: 06 Nov 2015

Run Time: 148 min

Genre: Action, Adventure, Thriller

Director: Sam Mendes

Writer: John Logan (screenplay), Neal Purvis (screenplay), Robert Wade (screenplay), Jez Butterworth (screenplay), John Logan (story), Neal Purvis (story), Robert Wade (story), Ian Fleming (characters)

Actors: Daniel Craig, Christoph Waltz, Léa Seydoux, Ralph Fiennes

Plot: A cryptic message from Bond's past sends him on a trail to uncover a sinister organization. While M battles political forces to keep the secret service alive, Bond peels back the layers of deceit

The Godfather

imdbRating: 9.2 **Year:** 1972 **imdbVotes:** 1,085,001

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