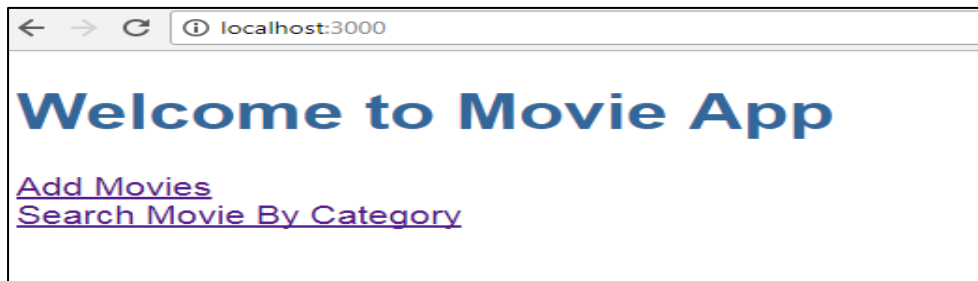


Create a “Movie App” wherein movies could be maintained according to genres like Fiction, Drama and Satire. There is also a search option allowing to search for movies.

Use [Movies.java](#)

Refer below screen shot:



- a. When the user clicks on “Add Movies” -> Allows a User to add a movie.

The user can add movie(s) depending on Genre (drop-down list loaded with values [Drama, Fiction, Satire])

The user could add multiple movies. On Adding Movies will be added in Database with the help of Spring Web services (Restful). Use Spring restful with JPA concept Refer below screen shot:

Refer below screens for validations:

**Welcome to Movie App**

[Add Movies](#)  
[Search Movie By Category](#)

Movie Name:   
Movie Name is required !!

Give Rating:   
Rating is required !!

Select Genre:   
Select Genre!!!

← → ↻ localhost:3000/addMovie

**Welcome to Movie App**

[Add Movies](#)  
[Search Movie By Category](#)

Movie Name:   
Movie Name should be only alphanumeric

Give Rating:   
Rating needs to be a number: eg: 2.5. Rating is on Scale 1-5

Select Genre:   
Select Genre!!!

- b. When the user clicks on “Search Movie By Category” -> Allows user to search movie(s) by Category. [Depending on Genre (Drama,Fiction,Satire)]

There could be more than one movies depending on same Genre. Refer below screen shots:

← → ↻ localhost:3000/searchMovie

**Welcome to Movie App**

[Add Movies](#)  
[Search Movie By Category](#)

**Search Movie**

Thus if Searching Movie on ‘Drama’ displays below Result:

The screenshot shows a web browser at localhost:3000/searchMovie. The page has a header 'Welcome to Movie App' and two links: 'Add Movies' and 'Search Movie By Category'. Below these is a 'Search Movie' section with a dropdown menu set to 'Drama' and a 'Search Movie' button. The results are displayed in a table with two columns: 'Movie Name' and 'Rating'.

Movie Name	Rating
HomeAlone	4
HorrorSeries	4

Thus if Searching Movie on 'Fiction' displays below Result:

The screenshot shows the same web browser at localhost:3000/searchMovie, but the dropdown menu is now set to 'Fiction'. The results table shows two movies: 'IronMan' and 'Avengers', both with a rating of 4.

Movie Name	Rating
IronMan	4
Avengers	4

**Note:**

- In above assignment movies are added via "Add Movies" and Searched via "Search Movie By Category". **These are different components.**
- Make use of Angular 2 Forms.
- Make use of services.
- Make use of Router Module. Which should be created as a separate module and included in the main App Module.
- Use Spring restful & JPA concept to add movies & search movies.
- All adding & searching movies done through database