

# Assignment for the Developer position

Your objective is to build a small project named *MovieRama*. The application is (yet another) social sharing platform where users can share their favorite movies. Each movie has a **title** and a small **description** as well as a **date** that corresponds to the date it was added to the database. In addition it holds a reference to the **user** that submitted it. Users can also express their opinion about a movie by either **likes** or **hates**.

When an unregistered user visits the homepage, they see the list of movies that have been added to the system, as well as links for logging in or signing up. Each movie contains the following information:

- Title
- Description
- Name of the user
- Date of publication
- Number of likes
- Number of hates

The name of the user is a link that, when clicked upon, filters the movies down to the items that have been shared by this specific user. The list can also be sorted by the number of **likes**, number of **hates** or the publication **date**.

In addition to the functionality described above, registered users are able to add their own movies and express their opinion for other movies by either a **like** or a **hate**. Voting is performed by clicking on the respective counters that are displayed for each movie.

Please refer to the attached wireframes to get an idea of what we expect the interface of your application to look like.

## Requirements

You will need to provide a working prototype of the application. You are free to implement your project in any technology stack you prefer, although usage of an MVC framework is encouraged. The minimum requirements are:

- Users should be able to log into their account or sign up for a new one
- Users should be able to add movies by completing a form. Movies should be persisted and reference the user that submitted them.
- Users should be able to express their opinion for any movie by either a **like** or a **hate**. Users can vote only once for each movie and can change their vote at any time by switching to the opposite vote or by retracting their vote altogether.
- Users should not be able to vote for the movies they have submitted.
- Users should be able to view the list of movies and sort them by number of **likes**, number of **hates** or **date added**.

- Users should be able to view all movies submitted by a specific user.

Furthermore, you are free to include any additional features that you may find relevant or could showcase your skills but please bear in mind that you should cover the core requirements first before attempting any improvements.

Your solution will be judged based on the requirements listed above and programming best practices. Styling and graphic design will not be taken into consideration during the assessment of your application, as long as the interface is usable.

Please don't forget to include installation instructions or preferably provide with a running instance of your deliverable



# MovieRama

[Log in](#) or [Sign up](#)

Sort by: [Likes](#) | [Hates](#) | [Date](#)

## The Empire Strikes Back

Posted by [Jaime Lannister](#) 5 days ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla quam velit, vulputate eu pharetra nec, mattis ac neque. Duis vulputate commodo lectus, ac blandit elit tincidunt id. Sed rhoncus, tortor sed eleifend tristique, tortor mauris molestie elit, et lacinia ipsum quam nec dui.

127 likes | 4 hates

## Prometheus

Posted by [Theon Greyjoy](#) 2 days ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla quam velit, vulputate eu pharetra nec, mattis ac neque. Duis vulputate commodo lectus, ac blandit elit tincidunt id. Sed rhoncus, tortor sed eleifend tristique, tortor mauris molestie elit, et lacinia ipsum quam nec dui.

19 likes | 24 hates

## Alien

Posted by [Jaime Lannister](#) 15 days ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla quam velit, vulputate eu pharetra nec, mattis ac neque. Duis vulputate commodo lectus, ac blandit elit tincidunt id. Sed rhoncus, tortor sed eleifend tristique, tortor mauris molestie elit, et lacinia ipsum quam nec dui.

17 likes | 1 hate

## Sunshine

Posted by [Eddard Stark](#) 2 hours ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla quam velit, vulputate eu pharetra nec, mattis ac neque. Duis vulputate commodo lectus, ac blandit elit tincidunt id. Sed rhoncus, tortor sed eleifend tristique, tortor mauris molestie elit, et lacinia ipsum quam nec dui.

3 likes | 2 hates

## Event Horizon

Posted by [Jon Snow](#) 7 days ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla quam velit, vulputate eu pharetra nec, mattis ac neque. Duis vulputate commodo lectus, ac blandit elit tincidunt id. Sed rhoncus, tortor sed eleifend tristique, tortor mauris molestie elit, et lacinia ipsum quam nec dui.

# MovieRama

Welcome back [Eddard Stark](#)

Sort by: [Likes](#) | [Hates](#) | [Date](#)

## The Empire Strikes Back

Posted by [Jaime Lannister](#) 5 days ago

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127 likes | [4 hates](#)

You like this movie | [Unlike](#)

New Movie

## Prometheus

Posted by [Theon Greyjoy](#) 2 days ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla quam velit, vulputate eu pharetra nec, mattis ac neque. Duis vulputate commodo lectus, ac blandit elit tincidunt id. Sed rhoncus, tortor sed eleifend tristique, tortor mauris molestie elit, et lacinia ipsum quam nec dui.

[19 likes](#) | 24 hates

You hate this movie | [Unhate](#)

## Alien

Posted by [Jaime Lannister](#) 15 days ago

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[17 likes](#) | [1 hate](#)

## Sunshine

Posted by [You](#) 2 hours ago

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla quam velit, vulputate eu pharetra nec, mattis ac neque. Duis vulputate commodo lectus, ac blandit elit tincidunt id. Sed rhoncus, tortor sed eleifend tristique, tortor mauris molestie elit, et lacinia ipsum quam nec dui.

3 likes | 2 hates

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Be the first to vote for this movie: [Like](#) | [Hate](#)