



## Question - 1

### Favourite Movie Directory

SCORE: 75 points

Medium

Front-End Frameworks

React

# Favorite Movie Directory

You just joined a cool media company and your company wants to analyze what kind of TV shows and movies their users are watching. They are doing a Metflix subscription giveaway and you have been tasked with creating the client app which will help them. As the frontend developer, you are tasked with the following:

- Create a form which takes in the show name, rating by the user, and the approximate duration spent watching the show.
- The time has two possible formats: Hours and Minutes. For example, the user can enter 132m (132 minutes) or 2.5h (2.5 hours).
- Create a table showing the movies sorted by duration in descending order.
- Add a search bar on top of the table which will filters movies by starting characters. Requires at least 2 characters before the search happens.
- When a new record is added it should be immediately visible only if it matches the given search query or if no search query is defined.
- If there are no shows added or the search returns no match display a row in the table saying `No Results Found`.
- If the fields are empty or data is invalid, the entry should not be added.
- When adding a show check if the show name matches an existing show, and then update the old entry instead of a new one.

## Requirements

For the tests to pass you are required to add some ids to the element in your code. Our test suite will use this id to find the element and check your application.

- Add id *name-input* to the show name input
- Add id *ratings-input* to the show rating input
- Add id *duration-input* to the show duration input
- Add id *submit-button* to the form submit button
- Add id *directory-table* to the table which shows the movie
- Add id *no-result* to the row in the table which shows the `No Results Found` message.
- Add id *search-input* to the search input used to filter result in the table

Here is an example of how the code might look like, you may add other attributes as required:

```
<input type="text" id="ratings-input" />
```

[? Help](#)

You should break down your code into components and follow best practices as you would in a production application.

Here is how the final version of the application may look like.

### Movie Name

### Ratings

### Duration

### Search

Name	Ratings	Duration
Hitman	7.4	2h