**React exercise: Movie database**

Create a simple movie application in React. The application should consist of 3 pages:

1. Movie search:

Page should contain search input field with search button on the top of the page. When user submits the search, all search results should be displayed under the search input field. Please consider paging or endless scrolling of search results.

API example, search for “Batman”:

http://omdbapi.com/?apikey=[YOUR-API-KEY]&s=Batman

1. Movie detail:

Page should contain all information for selected movie (title, year, genre, poster, etc.) Next to the title should be “star” icon. When User click on the icon, movie will be added to favourites list.

API example, search for concrete movie details:

http://omdbapi.com/?apikey=[YOUR-API-KEY]&i=tt0372784

1. My favourite movies:

Page should contain list of all favourite movies. User should be able to navigate to movie detail and remove movie from favourites.

Hints:

* To fetch all necessary data use [OMDb API](http://www.omdbapi.com/). No backend required!
* You can use [create-react-app](https://github.com/facebook/create-react-app) as your starting boilerplate or some other starter pack
* Try to use all up to date features of Ecmascript or Typescript
* Use of some open-source component library such as [Material UI](https://material-ui.com/) or [Ant Design](https://ant.design/) is plus
* For page navigation use [react-router](https://github.com/ReactTraining/react-router)
* For data management is [redux](https://redux.js.org/) prefered, but not mandatory
* When Redux used, try using [redux-saga](https://github.com/redux-saga/redux-saga) for dealing with side effects
* You can use local storage for persisting of the favourite movies
* Please try to submit your code via Github/Bitbucket/Gitlab
* Deploy your solution and share the link, if it is possible