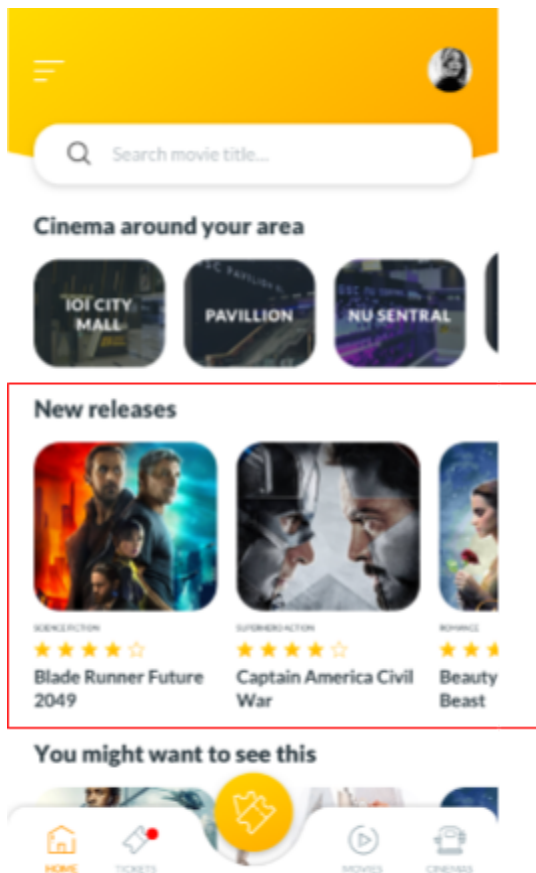


# Mobile Front-end Assessment

## Expectation

We are looking for a React Native developer interested in building performant mobile applications on both the iOS and Android platforms. Therefore in this assessment, we are keen on finding for candidates that will able to:

- Build pixel-perfect, buttery smooth UIs across both mobile platforms
- Write clean Javascript code
- Have in-depth knowledge on building React Native libraries



## Assignment

Based on the given mockup design, develop a **horizontal list library component** using React Native with the following features:

1. Able to display list of items horizontally according to a given JSON data
2. List items are clickable (on the image & title), and will pop up a URL
3. All items will have its own star ratings 0.5 to 5
4. Host the project in GitHub and the library should be able to be installed as NPM modules from npmjs registry or directly from GitHub using the command below:

```
npm install --save username/repo
```

Share your exercise on Github and provide the link to us.

## Assessment criteria

You will be judged on the following criteria:

- Completeness and accuracy of submission
- Code structure
- Comments and documentation
- Automated testing

## Appendix A. Sample JSON Data

```
export const data = [
  {
    id: 1,
    category: "advertisement",
    title: "Please subscribe to view more exclusive contents.",
    image: require("../assets/images/localAd-1.jpg"),
  },
  {
    id: 2,
    category: "advertisement",
    title: "2 months for only Rm15.90 for offline movies.",
    image: require("../assets/images/localAd-2.jpg"),
  },
  {
    id: 3,
    category: "SCIENCE FICTION",
    title: "Blade Runner Future 2049.",
    image: { uri: "https://i.imgur.com/L68FtMA.jpg" },
    rating: 4.0,
  },
  {
    id: 4,
    category: "SUPERHERO ACTION",
    title: "Captain America Civil War.",
    image: { uri: "https://i.imgur.com/tAui2H7.jpg" },
    rating: 3.5,
  },
  {
    id: 5,
    category: "ROMANCE",
    title: "Beauty and the Beast.",
    image: { uri: "https://i.imgur.com/J5pgFyr.jpg" },
    rating: 2.5,
  },
  {
    id: 6,
    category: "DRAMA",
    title: "Shawshank Redemption.",
    image: { uri: "https://i.imgur.com/7YGXDbM.jpg" },
    rating: 3.0,
  },
]
```

