

# React Native

Done by Ravi Theja Kolluru

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## Assignment

Requirement: To build the Movie details Application similar to IMDB app in React Native.

Basic functionality:

- The application makes use of the open source APIs from <https://developers.themoviedb.org/3> website by creating a developer API key which is required to consume the APIs.
- Should consume movie list API for fetching Top Rated, Upcoming and Popular movies. And one details API which would give the details of the API by passing Movie ID.
- On launch of the App, it should display a bottom tab for Upcoming, Top Rated and Popular. By default the first tab is selected.
- Each tab will display a list of movies for the respective tab category in the form of Cards which consists of basic elements like Image, Movie Name.
- On click of the Movie Cards in any of the screens, it should go to the details screen and display all the information which is present in the Detailed API.

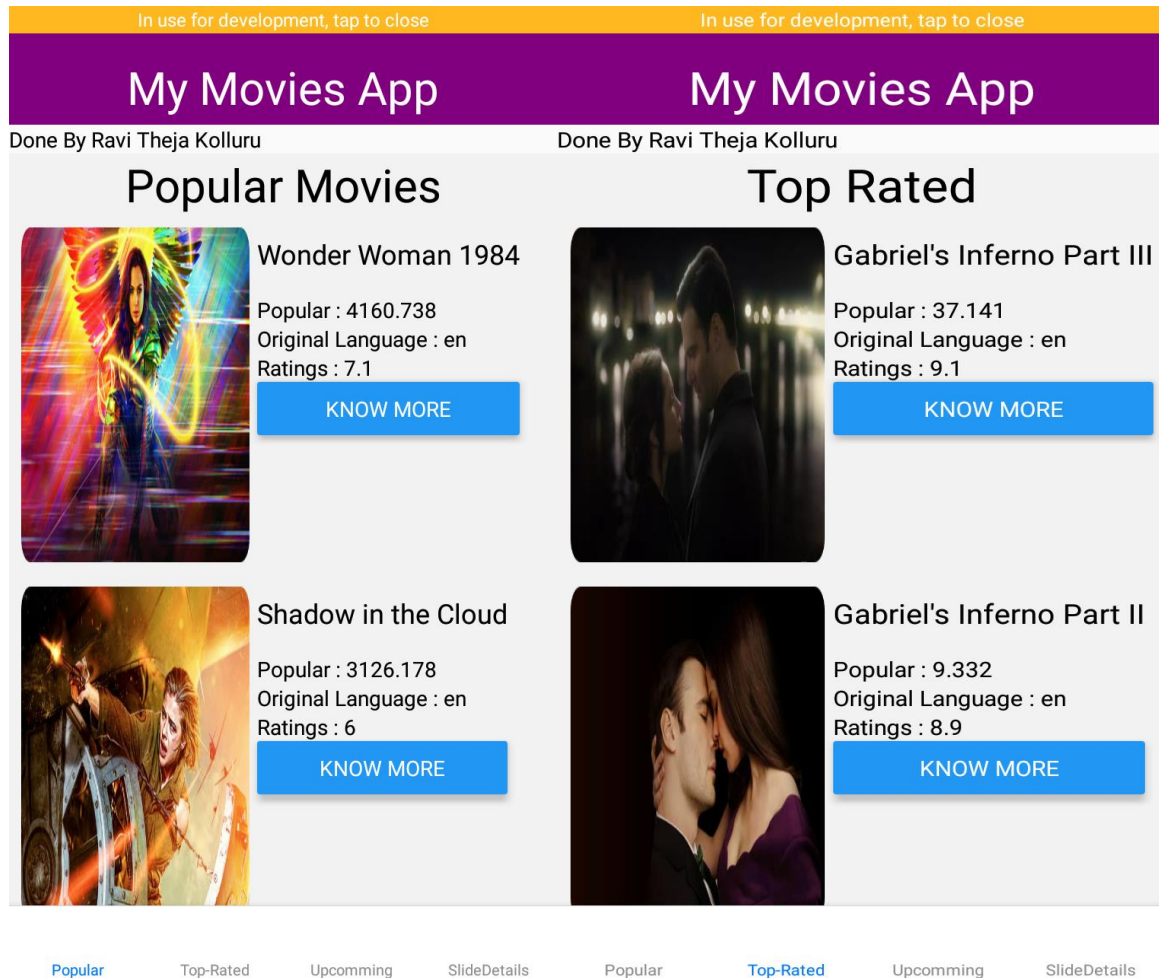
Optional functionality:

- Each screen can have a filter which can sort the list based on release year and name. Better formatting of dates/other values wherever applicable. Providing search options to filter the movies by name. Having pagination for fetching the next set of movies.

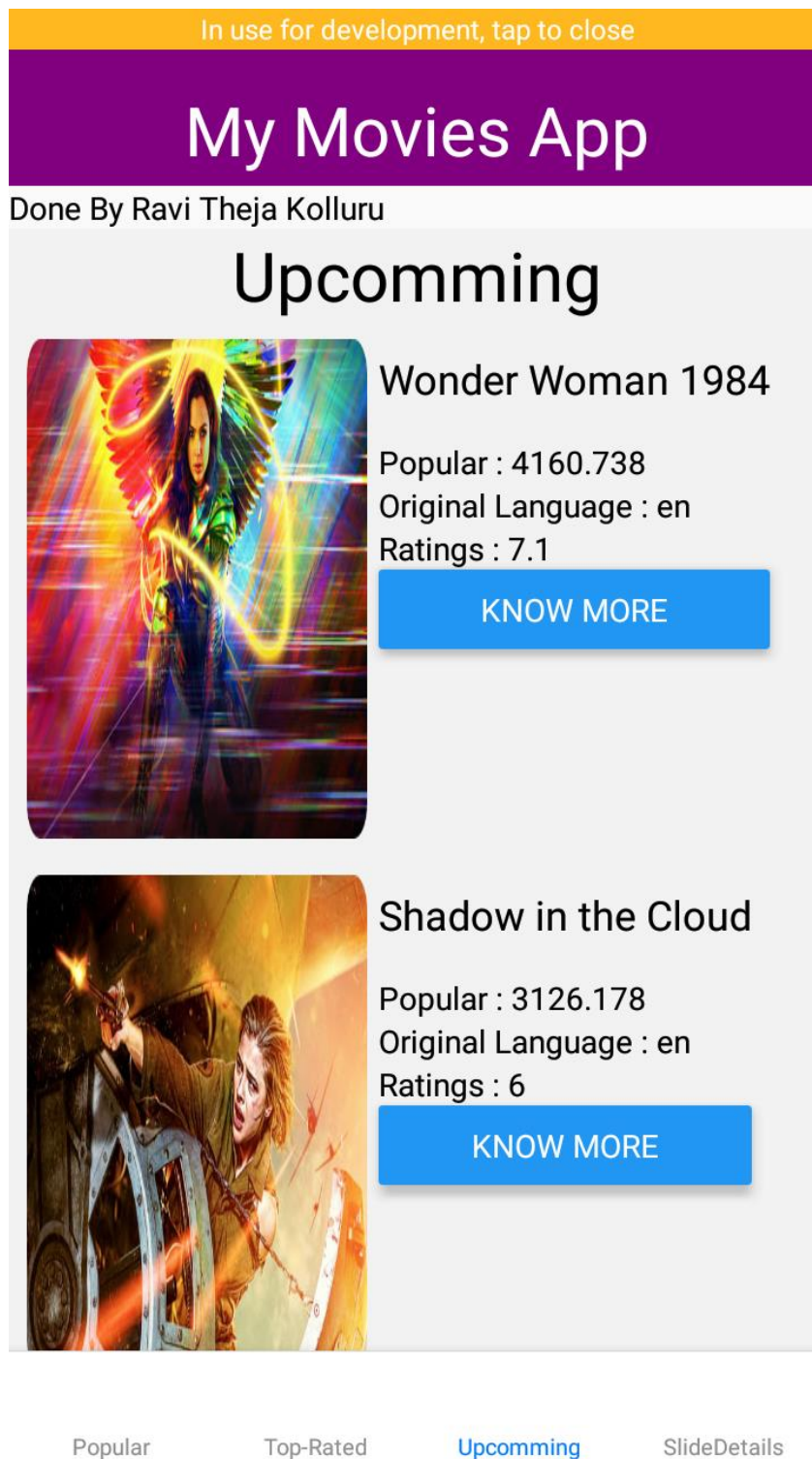
Coding:

- Should use the latest React Native version.
- Latest React Navigation for navigating between screens.
- The folder structure, coding should be clean and clear.
- Leveraging the react concepts as much as possible.
- All Color codes should be read from a single file.

## Screenshots



```
BUILD SUCCESSFUL in 55s
141 actionable tasks: 2 executed, 139 up-to-date
info Connecting to the development server...
info Starting the app...
Starting: Intent { cmp=com.newproject/.MainActivity }
```




In use for development, tap to close

## My Movies App

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### Sputnik




Overview: At the height of the Cold War, a Soviet spacecraft crash lands after a mission gone awry, leaving the commander as its only survivor. After a renowned Russian psychologist is brought in to evaluate the commander's mental state, it becomes clear that something dangerous may have come back to Earth with him.

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## My Movies App

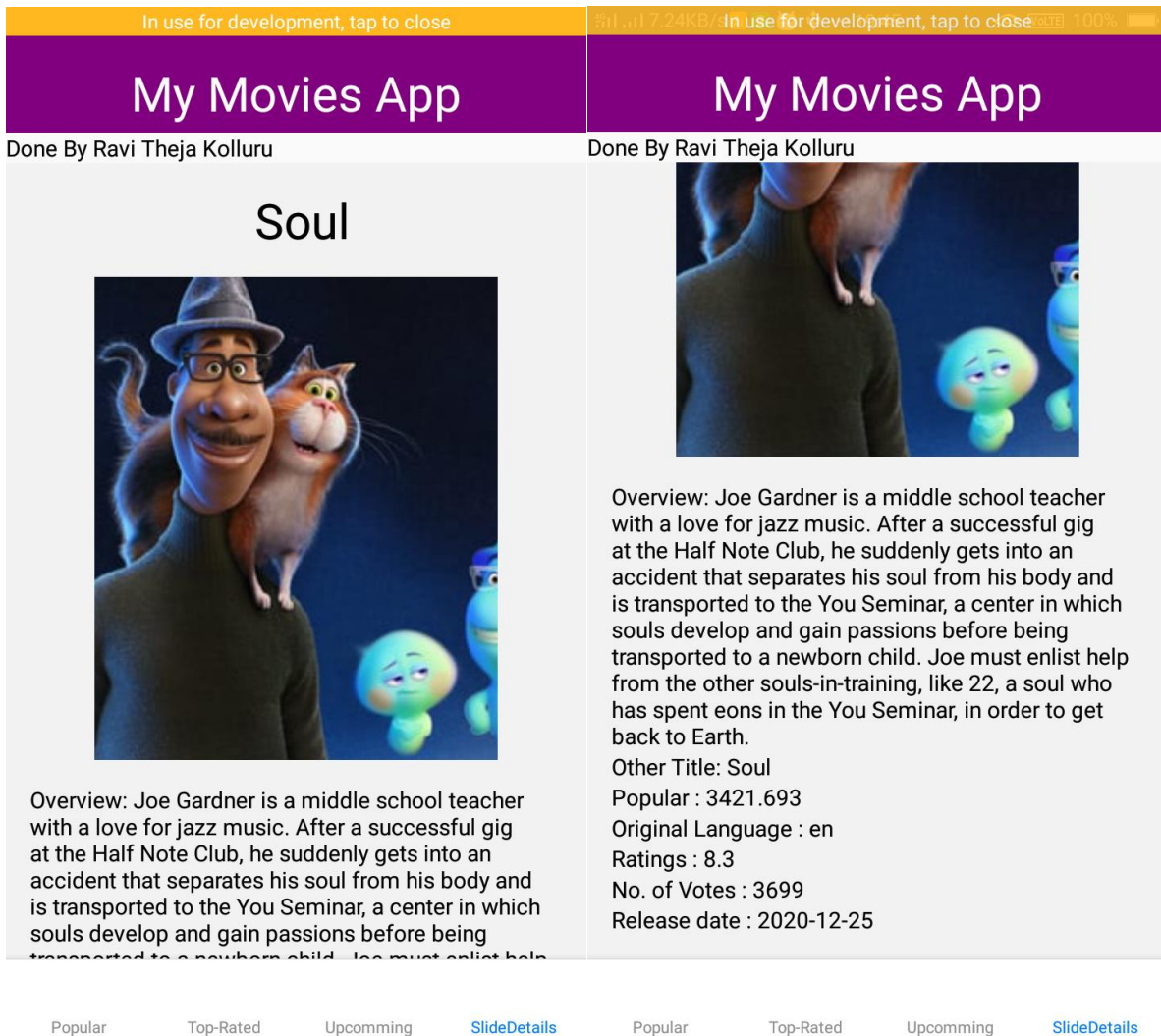
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Other Title: Sputnik  
Popular : 306.034  
Original Language : ru  
Ratings : 6.4  
No. of Votes : 127  
Release date : 2020-09-08

Popular Top-Rated Upcomming [SlideDetails](#)



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