

Movie Suggestions App

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Movie suggestions App is a mobile application that can be used by everybody to search for movies based on a movie they liked. Basically, the user will enter a movie title he/she liked and the app will list/suggest movies that are similar to it. Also, the user will be able to view the details of any suggested movie like its *rating, poster, actors, director and a plot*. A quick search thru the app stores shows that there is no app that provides similar functionality. So hopefully, if everything went well I may publish it in the stores.

The app will be developed using **ionic framework**. Ionic is a complete open-source SDK for hybrid mobile app development. The original version was released in 2013 and built on top of AngularJS and Apache Cordova. The more recent releases, known as Ionic 2 or simply "Ionic", are built on Angular. Ionic provides tools and services for developing hybrid mobile apps using Web technologies like CSS, HTML5, and Sass. Apps can be built with these Web technologies and then distributed through native app stores to be installed on devices by leveraging Cordova¹.

Since ionic doesn't have a dedicated IDE. **Visual Studio Code** will be used as the main editor to accomplish this project along with Chrome browser. Two APIs will be used to obtain the required data. One to get the list of similar movies and the other to get the details of a movie.

APIs:

To accomplish this task, I will use the following APIs:

- **The TasteDive API:** which can be used to get movies recommendations. The following example retrieves recommendations (JSON format) based on **Pulp Fiction**:

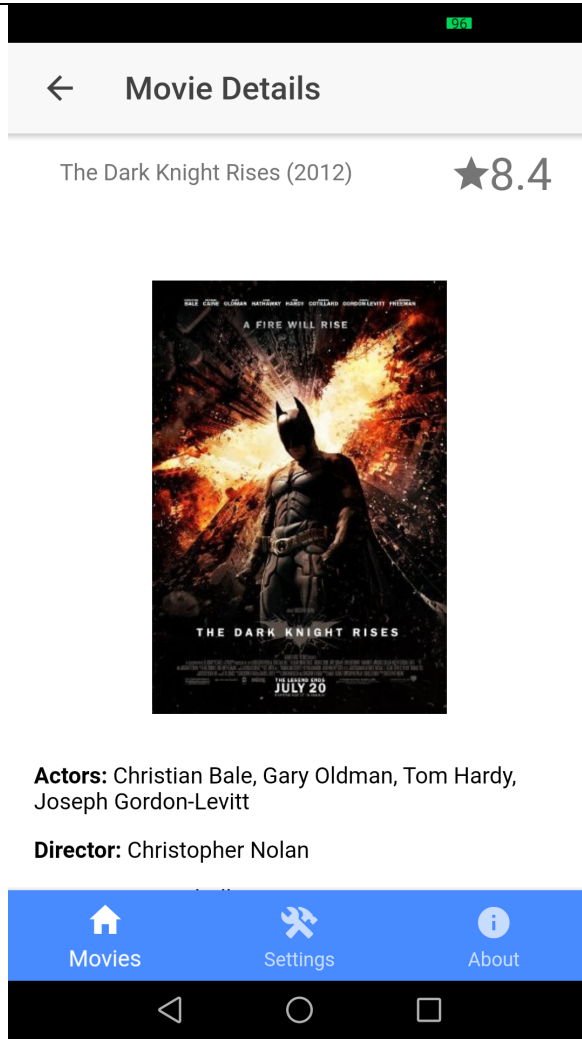
```
https://tasteditive.com/api/similar?q=pulp+fiction&k={key}
```

- **The Open Movie Database (OMDb API):** The OMDb API is a RESTful web service to obtain movie information. The following example retrieves details information (JSON format) for **Pulp Fiction** movie:

```
https://www.omdbapi.com/?t=pulp+fiction&apikey={key}
```

Prototypes		
Result of 1 st API: List of suggested movies	<div><div>100%</div><div>Movies Suggestions</div><div>The Dark Knight</div><div>GET MOVIES</div><div>Batman Begins</div><div>The Dark Knight Rises</div><div>Watchmen</div><div>The Bourne Trilogy</div><div>Skyfall</div><div>Casino Royale</div><div>The Prestige</div><div>The Social Network</div><div><div>Movies</div><div>Settings</div><div>About</div></div></div>	<div><div>97%</div><div>Movies Suggestions</div><div>Lion King</div><div>GET MOVIES</div><div>The Lion King II: Simba's Pride</div><div>Aladdin</div><div>The Little Mermaid</div><div>Bambi</div><div>Beauty And The Beast</div><div>The Fox And The Hound</div><div>Pocahontas</div><div>Tarzan</div><div><div>Movies</div><div>Settings</div><div>About</div></div></div>

Result of 2nd API: movie details



Icons:

