



Frontend Assignment

In this assignment you would be required to create a movie lookup portal consisting of 3 main components -

- 1) A search component for searching movie names,
- 2) A listing component for listing the search results,
- 3) A movie details component, for showing the details of the movie that was selected from the list

View Wireframe

		Mission Impossible	Search
 <p>Mission Impossible 1 Rated 3.5/5 Released on : 22nd May 1996</p> <p>When Ethan Hunt, the leader of a crack espionage team whose perilous operation has gone awry ...</p>			
 <p>Mission Impossible 2 Rated 3.5/5 Released on : 22nd May 1996</p> <p>When Ethan Hunt, the leader of a crack espionage team whose perilous operation has gone awry ...</p>			



The design and layout of the details section is intentionally left vacant. It's upon the candidate to come up with a design and layout for the details section.

Note : This is just a wireframe. Candidates are required to implement the UI/UX design and components, choose color schemes etc. Remember, this is a test of your creative skills and design sense.

Data sources

You are required to create an API token from <https://api.themoviedb.org/> and use their APIs for getting the list of movies for a searched keyword and also to get the details about a movie based on the movie ID. As a part of the assignment you are required to go through the API docs and choose the correct API that best fits the use case.

Tech Stack

1. **Markup** - For the layout, you are required to create your own flexible 12-column grid system. You **cannot**, however, use bootstrap or slim framework etc for the grids. The idea is to create your own browser reset and grid system and other other components that you will require for this view.
2. **Frontend Logic** - You are required to use Angular framework (with Typescript) for this project. Divide and organize your code into proper modules, components and services. Remember to use abstraction, and not to mention, use DRY principles.
3. **Unit Test cases** - Not required for the assignment.
4. **Hosting** - You are required to host your application on Heroku/Firebase etc. and share the url with us.
5. **Code versioning and Commenting** - Write proper commented code and have it versioned on GitHub or BitBucket etc. Don't forget to share the repo link with us.

Deliverables

1. URL to your fully functioning hosted code (Firebase/Heroku hosting is preferred due to their simplicity)
2. Git repo url
3. A short writeup/documentation on what you what you created, what tools/frameworks/architecture you used etc - In short - a concise project report in about 1000 words or so. Be very brief and to the point in your approach

Best of luck! Feel free to reach out in case of any queries regarding the assignment.