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### **M&S Mobile Apps Technical assessment:**

The purpose of this test is to demonstrate your knowledge of the platform by using the [themoviedb.org](https://themoviedb.org) API to build a simple app.

1. Build an iPhone/Android app that shows the movies that are now playing in a grid style view  
(/movie/now\_playing)
2. Selecting a movie should show a detail view of the movie (/movie/{movie\_id})
3. If a movie is part of a collection of movies, from the detail view you should be able to see the other movies in the collection and selecting them should link through to the detail view for that movie.  
(/collection/{collection\_id})
4. Demonstrate testing

We're not expecting 100% bullet proof code in such a short time but we would like you to know the steps you would need to take to productionize your work.

### **The assessment:**

This should be an MVP and we recommend that you spend no more than 4 hours developing your solution.

Please provide the project in as a Git repo link with work committed as you would usually. You may choose to leave a comment for us to swap in our own API key if you would prefer not to include it.

During the technical interview, you may be asked how you would extend your project to implement one or more of the tasks below:

1. Add filtering and sorting to the now playing list
2. Add the ability to add movies to a watch list which is available offline

The steps are left open so it's your choice as to how much detail you add in each view.

Our advice is to limit the number of fields you present, especially where it doesn't demonstrate any extra expertise.

We would like to see code structure based on MVVM or MVP/MVC but if you can justify another architecture then feel free to use it. This is a test of development skill and as such the quality of UI design in the app will not be weighted significantly.

You may use any third-party libraries or frameworks but again you should justify the reason for doing so. If you run out of time, make sure your project builds and submit it to us along with some comments explaining the next steps you would take to complete the remaining steps.