

## Technical Exercise - Yet Another Movies Catalog

Create a movies catalog application the uses a public APIs "[The Movie DB](#)" as following:

- Main screen will contain 3 sections, while each section represents horizontal carousel for movies.
- By default, API will return you 20 movies per call, but we need to give user the experience of infinitely scrolling.
- Clicking on any movie will show movie details.
- Movie details should show banner, title, rating, and overview of the clicked movie.
- Use git as the source code version control system.

### Data Source:

[The Movie DB](#) has a lot of APIs to load movies according to some criteria, you need only to focus on **/discover** API. This API accepts a sorting parameter to load the data you need.

For example, to load most popular movies, you can use `popularity.desc`, or for heist revenue, you can use `revenue.desc`,.. and so on

- API brief: <https://www.themoviedb.org/documentation/api>
- Discover API documentation: <https://developers.themoviedb.org/3/discover/movie-discover>
- Use this API Key: 114fe6670282f6a632638661e5e86dee
- For image loading details: <https://developers.themoviedb.org/3/getting-started/images>

### Optional Requirements

- Image Caching
- Show both Main/Details screens together on Tablets
- Add more than 3 sections, to make the main screen vertically scrollable also

*You are not required to deliver an end-to-end application or all of the above features. Priorities based on your experience. We are looking for **code quality**, not quantity.*

### Output:

- Provide Intigral with a zip file that contains the root folder of the project and the local .git repository

### Evaluation:

The following parameters will be used to evaluate the application codebase and your approach to development.

- Project structure
- Breadth of API usage
- Object Oriented Principles
- Code readability Vs. complexity
- Documentation / comments
- Unit Testing
- Git usage, commit granularity and messages

