# ../Downloads/logo_byk.png

# Requirements

Two different apps are required for this scenario.First one is a web app which lists movies.Second one is an REST API which provides data for the web app. Your API must consume our service.

# Specifications

Web app will search, list and filter entities retrieved from your API. Details of our service is given below.

* Searches should be performed on the fly (as user types)
* Filter should be performed from a popup
  + Values to be contained: "All", "Movie", "Series", "Episode"
* List items should display thumbnail image, title and production year of the entity
* List items should have a different style if the entity is in wish list

Selection of a list item should redirect to a detail page

* Detail page should display thumbnail image, title, description and production year of the entity
* Detail page should display Directors, Writers and Actors in lists
* There should be a "Add to my wish list" button in the detail page if necessary
  + Once the entity is added to wish list, it will be remembered among the sessions
* There should be a "Remove from my wish list" button in the detail page if necessary
* There should be a "Report" button in the detail page
  + Report button should trigger a dialogue asking the user whether the entity should be reported or not
  + Once the entity is reported, it will not be shown to the user in any circumstance

# Our Service

Root: http://tcmtestapi.azurewebsites.net/api/movie

## Search Page

Endpoint:

{{root}}/search?term={{search-term}}&type={{entity-type}}&page={{page-number}}

Parameters:

* search-term:
  + Term to search
  + String
* entity-type:
  + Entity type to search
  + String
  + Accepted values: "movie", "series", "episode"
* page-number
  + Page number of list
  + Integer

Examples:

Search all types with term "Batman", list first page

* [http://tcmtestapi.azurewebsites.net/api/movie/search?term="Batman"&page=1](http://tcm-test-api.azurewebsites.net/api/movie/search?term=%22Batman%22&page=1)

Search all types of type movie with term "Batman", list first page

* [http://tcmtestapi.azurewebsites.net/api/movie/search?term="Batman"&type=movie&page=1](http://tcm-test-api.azurewebsites.net/api/movie/search?term=%22Batman%22&type=movie&page=1)

## Detail Page

Endpoint:

{{root}}/detail/{{id}}

Parameters:

* id
  + Id of the entity to be shown
  + Integer

Example:

Show details of the entity with id 'tt0372784'

* [http://tcmtestapi.azurewebsites.net/api/movie/detail/tt0372784](http://tcm-test-api.azurewebsites.net/api/movie/detail/tt0372784)

# Style Guide

Examples for listing pages are given below, there aren’t any restrictions or obligations as long as the specifications meet.



