Primary Assignment (MVVM & Unit Tests Exercise)

Create a simple **Single View App** which consists of mainly two screens.

Requirement:

You are expected to implement a simple navigational application consisting of two screens.

First one, which is a Landing screen & that would be a list of movies where every movie has some information like,

- **title**
- **overview**
- **popularity**
- **release_date**
- **Added to Watchlist** *(a status flag which would say a movie is added to watchlist. You can use Star or Heart shaped image to denote the same)*

Use this url to fetch a list of movies -
http://api.themoviedb.org/3/search/movie?api_key=7e588fae3312be4835d4fcf73918a95f&query=a%20&page=01

Movie object would look like this -

```
{
    "adult": false,
    "backdrop_path": "/i109vzdCkG7W3H9FxHmfpZjgh61.jpg",
    "genre_ids": [
        10751,
        12,
        18
    ],
    "id": 522518,
    "original_language": "en",
    "original_title": "A Dog's Journey",
    "overview": "A dog finds the meaning of his own existence through the lives of the humans he meets.",
    "popularity": 66.02,
    "poster_path": "/wquJChp0NpoqthYdE3YjXNNxvVC.jpg",
    "release_date": "2019-05-03",
    "title": "A Dog's Journey",
    "video": false,
    "vote_average": 8.1,
    "vote_count": 1061
},
```

The second one would be a Detailed Screen which will get navigated on click of respective List cell & there would be,

- **original_title**
- **title**
- **overview**
- **popularity**
- **release_date**
- **vote_count**
- **Add to Watchlist** (a call to action OR a button where it can be added to Watchlist)

Some Basic Rules:

- Use **Swift** language.
- Both of these controllers should make **use of the MVVM design pattern**. *If you are comfortable with any other best suited Design Pattern (Except MVC) which helps segregate responsibilities, go for it.*
- Write **Unit Tests on your DataModel & ViewModels methods.**
- There is a single action which is adding a movie to Watchlist - **should get reflected for the respective feed within List screen if action is taken from a Detailed screen**.
- Main objective of this exercise is to evaluate your Programming skills. **So, don't focus much on the UI side. Keep it basic.**

ALL THE BEST !!!