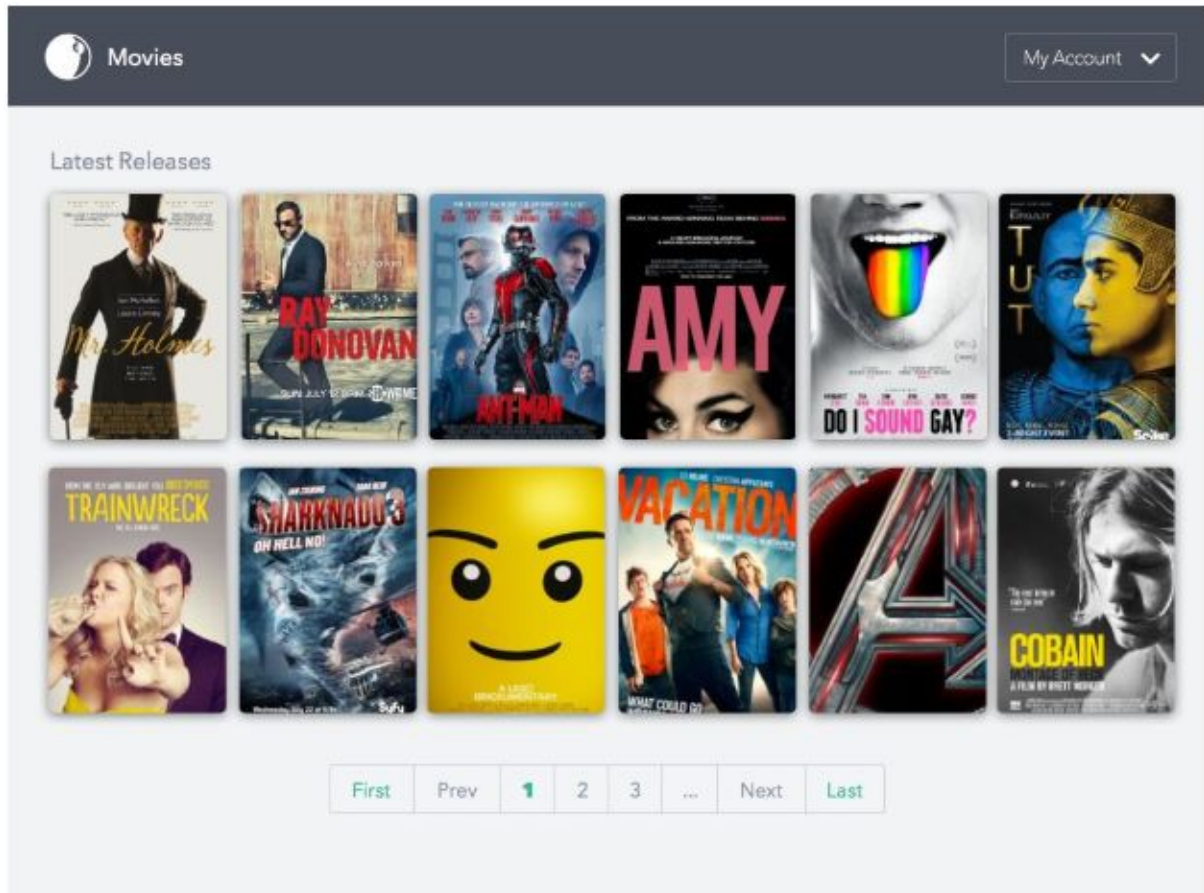


Build a prototype movie site that uses the The Movie Database data to display movies in a grid of movie posters.



## The Movie Database API

You should use the [The Movie Database API](#) to fetch JSON movie data.

In particular, you should use the endpoint that returns [now playing movies](#).

You can use this API Key: `ebea8cfca72fdff8d2624ad7bbf78e4c`

## Sample Request

[http://api.themoviedb.org/3/movie/now\\_playing?api\\_key=ebea8cfca72fdff8d2624ad7bbf78e4c](http://api.themoviedb.org/3/movie/now_playing?api_key=ebea8cfca72fdff8d2624ad7bbf78e4c)

## Sample Response Snippet

```
{
  "dates": {
    "minimum": "2015-06-03",
    "maximum": "2015-07-15"
  },
  "page": 1,
  "results": [
    {
      "adult": false,
      "backdrop_path": "/dkMD5qlogeRMiEixC4YNPUvax2T.jpg",
      "genre_ids": [ 28, 12, 878, 53 ],
      "id": 135397,
      "original_language": "en",
      "original_title": "Jurassic World",
      "overview": "Twenty-two years after the events of Jurassic Park, Isla Nublar now features a fully functioning dinosaur theme park, Jurassic World, as originally envisioned by John Hammond.",
      "release_date": "2015-06-12",
      "poster_path": "/uXZYawqUsChGSj54wcuBtEdUJbh.jpg",
      "popularity": 54.349781,
      "title": "Jurassic World",
      "video": false,
      "vote_average": 7,
      "vote_count": 910
    }
  ]
}
```

## Constructing Poster URLs

The movie api responses include a field called “poster\_path” you will need to construct a full image url based on the path. The documentation explains how to do this for various image sizes. Here’s how you can build urls for 324 pixel wide poster images:

**poster\_url:** <http://image.tmdb.org/t/p/w342> + <poster\_path>

## Example Poster URL

**poster\_path:** /5JU9ytZJyR3zmClGmVm9q4Geqbd.jpg

**full\_url:** <http://image.tmdb.org/t/p/w342/5JU9ytZJyR3zmClGmVm9q4Geqbd.jpg>

# Functionality

You should create a web app (using whatever language / frameworks you'd like) that calls this endpoint, fetches data 20 movies at a time and displays the movie posters in a grid.

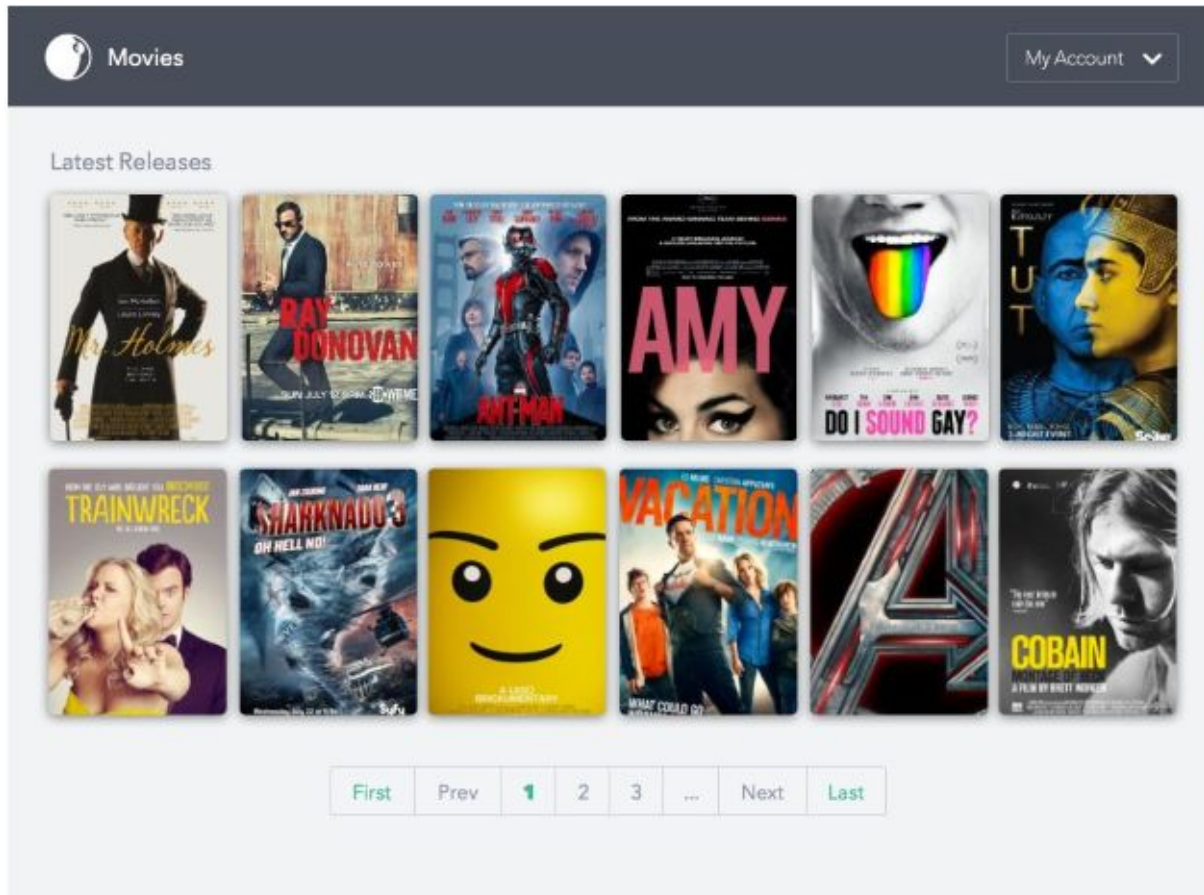
Your app should have next / prev buttons that update the grid of movies by making subsequent API calls with different page query parameter values, e.g. fetch movies 1-20, then fetch movies 21-40.

You should also implement a tooltip that displays the name of the movie when hovering over a thumbnail. You do not need to deploy the app to the internet; it's totally fine to have it working on localhost only.

# Design

Your solution should be responsive and implement the design below (as closely as possible).

**Note:** these designs display 12 posters per page, it is fine to display 20 per page to match the API responses.

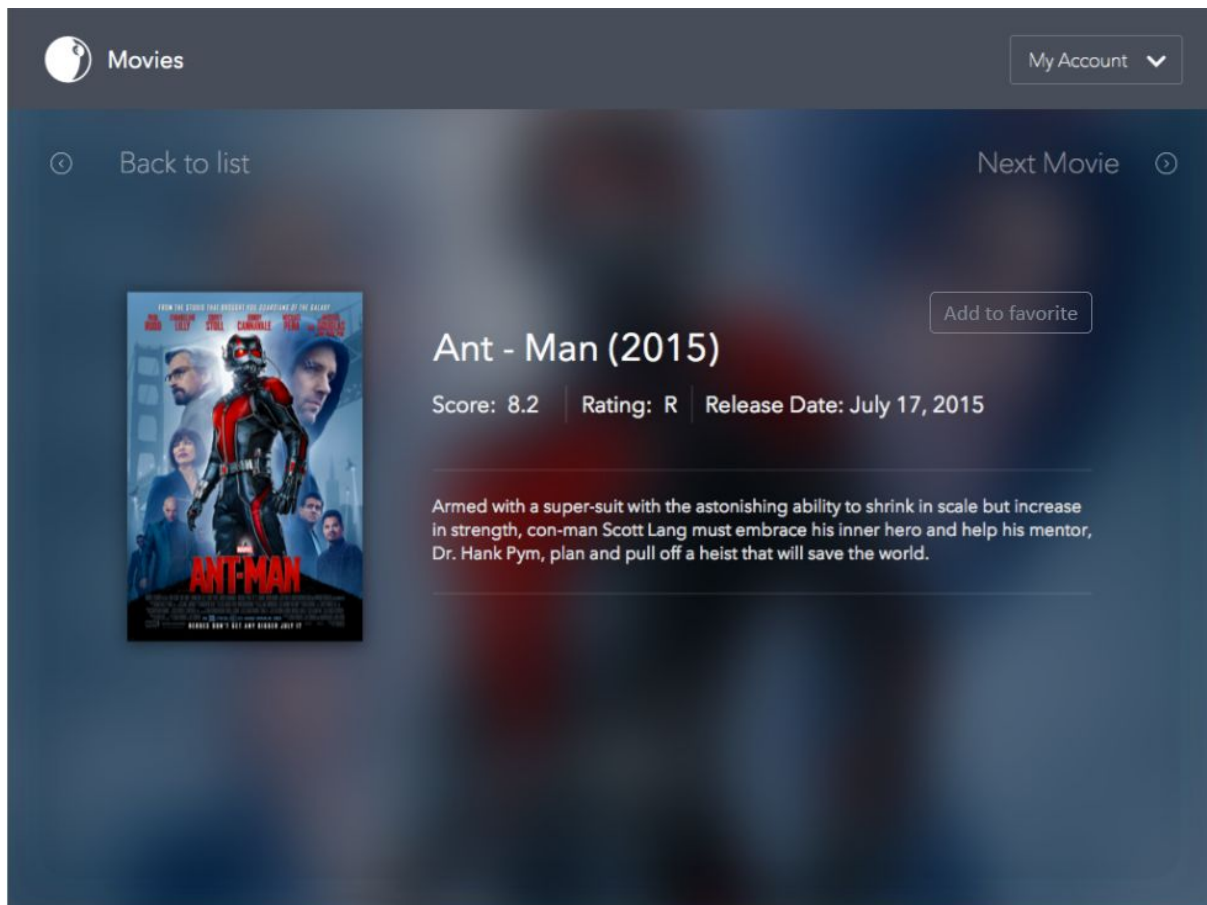


**Mobile Responsive:** you can use Bootstrap or other grid system if you need it.  
**Note:** you need to use **flexbox**.



## Detail Modal

The API responses include lots more info about each movie. If you finish the basic task, you can implement a modal with movie details that is triggered when you click on a movie thumbnail.





< Back

Next >



Score:  
8.2



Rating:  
R

Release Date:  
July 17, 2015

## Ant - Man (2015)

Armed with a super-suit with the astonishing ability to shrink in scale but increase in strength, con-man Scott Lang must embrace his inner hero and help his mentor, Dr. Hank Pym, plan and pull off a heist that will save the world.

## Add to favorite

By clicking on the “Add to favorite” button on the modal - you add a movie to the list, which can be seen by clicking on the "My account" button in the top menu.


After adding a movie to the list - the button "Add to favorite" should be disabled or hidden.

The film should be removed from the list by clicking on the button “Unfavorite”.

By clicking on the poster in the list - a modal should open, just like on the main page.


Pressing the "Next movie" button should open next movie from the favorites list.

**Note:** you can add favorite movies to **LocalStorage** or save them in any way convenient for you.

 Movies

My Account ▾


My favorite



### Terminator Genisys

The year is 2029. John Connor, leader of the resistance continues the war against the machines. At the Los Angeles offensive, John's fears of the unknown future begin to emerge when TECOM spies reveal a new plot by SkyNet that will attack him from both fronts; past and future, and will ultimately change warfare forever.

Unfavorite



### Jurassic World

Twenty-two years after the events of Jurassic Park, Isla Nublar now features a fully functioning dinosaur theme park, Jurassic World, as originally envisioned by John Hammond.

Unfavorite



Movies



## My favorite



### Terminator Genisys

Unfavorite

The year is 2029. John Connor, leader of the resistance continues the war against the machines. At the Los Angeles offensive, John's fears of the unknown future begin to emerge when TECOM...



### Jurassic World

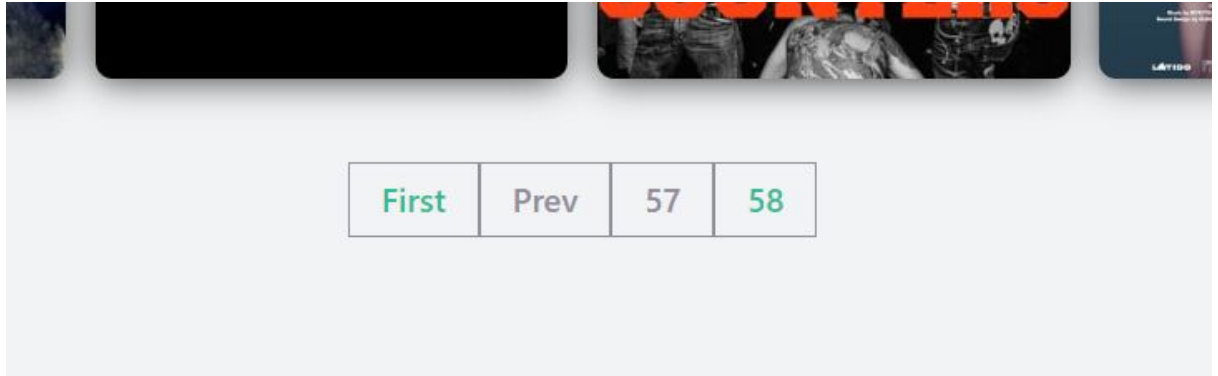
Unfavorite

Twenty-two years after the events of Jurassic Park, Isla Nublar now features a fully functioning dinosaur theme park, Jurassic World, as originally envisioned by John Hammond.

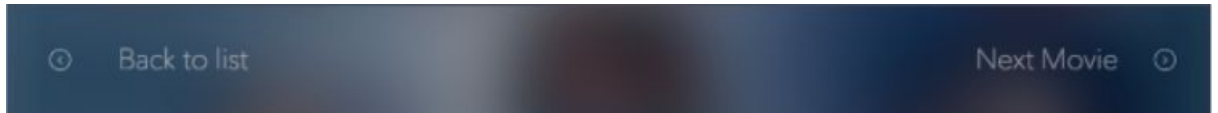


# Estimate

1. Main page - 16h.
2. Pagination - 8h. (**example of last page pagination design**)



3. Responsive main page - 8h.
4. Detail modal - 16h. (**don't forget about that buttons**)



5. Responsive detail modal - 8h.
6. Favorite page - 16h.
7. Responsive favorite page - 8h.

**Note:** If you do not have time to implement the subtask for the agreed time - contact your curator.

Good luck :)