



Front End Engineering Project - 1

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Movie DataBase System

Made By:

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- ❑ **A movie database system** is like a giant virtual library specifically for movies. It holds a vast collection of film information, including details like the title, genre (like action, comedy, drama, etc.), release year, director's name, the actors who starred in it.
- ❑ Users can easily search for movies they're interested in, whether by title, genre, director, or actor.
- ❑ Overall, **a movie database system** is a convenient and user-friendly tool for movie enthusiasts to explore, discover, and interact with their favorite films.

Technical Details

- We used **HTML**, **CSS** and **Bootstrap** for UI design and **JavaScript** for fetching API's.
- We also used **Visual Studio Code** as editor.
- And additionally we utilized **Git** and **GitHub** for collaboration.
- **Netlify** for hosting.



- ❑ **Effortless Search Results:** Our Website allows users to quickly find information about any movie by simply typing its title. The search feature is user-friendly and makes it easy for anyone to access the details they need.
- ❑ **All-Inclusive Movie Details:** Our Website not only simplifies the search process but also provides comprehensive details from cast and crew to plot summaries, release dates, and ratings.
- ❑ **Dynamic Filtering Options:** Users can refine their search by specifying criteria such as movie year and genre, enabling precise and tailored results based on individual preferences.
- ❑ **Efficient Data Retrieval with API Integration:** Our system smoothly talks to other systems (APIs), ensuring you always get the freshest data when searching for your favorite films. It's like magic, making your movie experience fast and up-to-date.



HTML CODE SNIPPET:

```
8 <div class="options">
9   <div class="options">
10     <label for="options">The option element represents an option in a select element or as part of a list of suggestions in a datalist element.
11     <select> MDN Reference
12       <option value="popularity.desc">Rating(high to low)</option>
13       <option value="popularity.asc">Rating(low to high)</option>
14       <option value="primary_release_date.desc">Release Date</option>
15       <option value="title.asc">
16         Title(A-Z)
17       </option>
18       <option value="title.desc">
19         Title(Z-A)
20       </option>
21     </select>
22   </div>
23   <div class="genre flex">
24     <label for="genre">Genre</label>
25     <select name="genre" id="genre" title="genre">
26       <option value="">Select</option>
27       <option value="Action">Action</option>
28       <option value="Comedy">Comedy</option>
29       <option value="drama">Drama</option>
30       <option value="Horror">Horror</option>
31       <option value="Romance">Romance</option>
32       <option value="Thriller">Thriller</option>
33     </select>
34   </div>
35   <div class="year flex">
36     <label for="year">Year</label>
37     <select name="year" id="year" title="year">
38       <option value="">Select</option>
```



CSS CODE SNIPPET:

```
animation: slideDown 1s ease;
position: absolute;
top: 35px;
z-index: 100;
background-color: black;
height: 10vh;
width: 100%;
}

@keyframes slideDown {
  0% {
    transform: scaleY(0.7);
    transform-origin: top;
    opacity: 0;
  }

  100% {
    transform: scaleY(1);
    opacity: 1;
  }
}

main .filters .options .flex {
  display: flex;
  gap: 5px;
  align-items: center;
}
```

JS CODE SNIPPET:

```
//{search button}
let search = document.querySelector(".search-button");
search.addEventListener('click', () => {
  let searchbar = document.querySelector(".search-bar");
  if (searchbar.classList.contains("active")) {
    let searchValue = document.querySelector(".search-bar input").value;
    document.querySelector("#first").style.display = "block";
    showMovieData(searchValue);

    let section = document.querySelector("#search-results");
    section.scrollIntoView({behavior: "smooth", block: "start", inline: "nearest"});
  }
  else {
    searchbar.classList.add("active");
  }
});

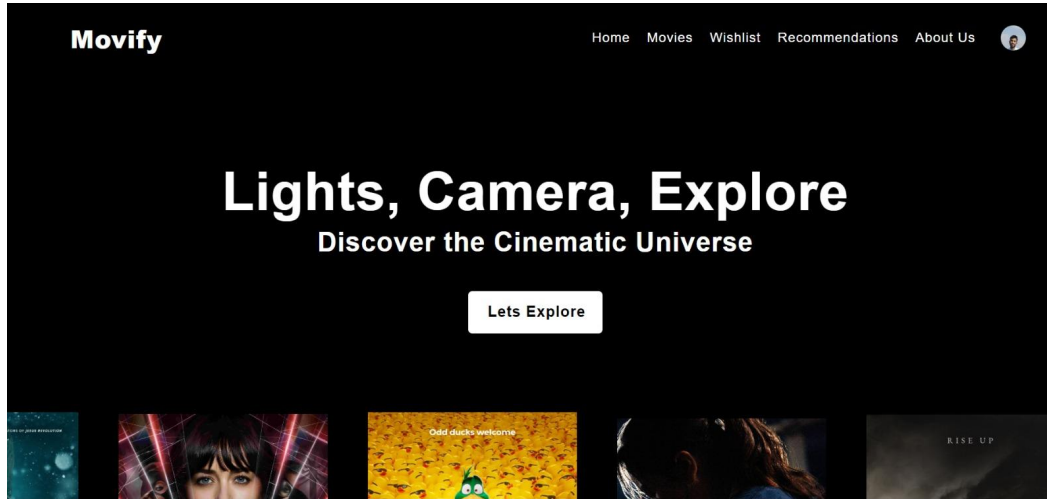
//{carousel}
function carousel() {
  const carousels = document.querySelectorAll(".carousel");

  carousels.forEach(carousel => {
    const carouselInner = carousel.querySelector(".images");
    const carouselContent = Array.from(carouselInner.children);
```

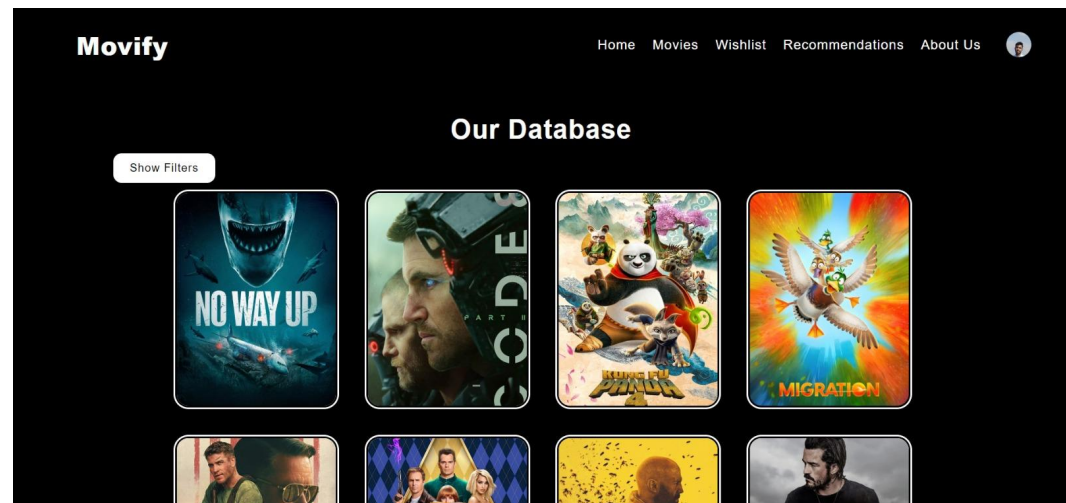

PROJECT HIGHLIGHTS:



HOME PAGE:





FILTER RESULTS:



Movie Dashboard:-

Movify

Home Movies Wishlist Recommendations About Us 



Avengers: Infinity War (2018)

PG-13 2018-04-25 • Adventure Sci-Fi Action • 149 min

8.4 [Play Trailer](#)

Overview

As the Avengers and their allies have continued to protect the world from threats too large for any one hero to handle, a new danger has emerged from the cosmic shadows: Thanos. A despot of intergalactic infamy, his goal is to collect all six Infinity Stones, artifacts of unimaginable power, and use them to inflict his twisted will on all of reality. Everything the Avengers have fought for has led up to this moment, the fate of Earth and existence has never been more uncertain.

- ❑ **User-Friendly Exploration:** Our movie system boasts a simple interface, ensuring an easy and enjoyable experience for users as they browse through movie details effortlessly.
- ❑ **Trustworthy Movie Info:** Our system manages data carefully, ensuring accurate movie details. This makes the information reliable and minimizes mistakes, providing users with the best experience.
- ❑ **Organized Movie Library:** Movies are meticulously categorized and tagged, streamlining searches based on genres, release dates, and ratings, providing users with an efficiently organized movie selection.



TMDB:- <https://www.themoviedb.org/>

TMDB API:- <https://developer.themoviedb.org/>

RAPID API:-

<https://rapidapi.com/SAdrian/api/moviesminidatabase/>



Thank You