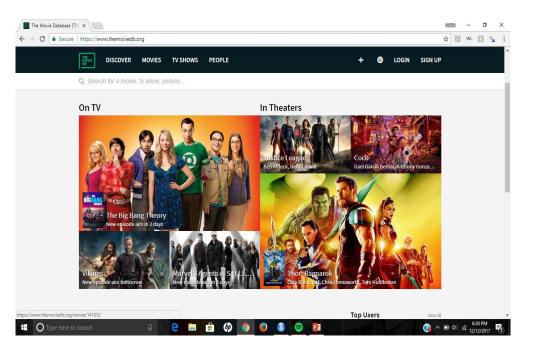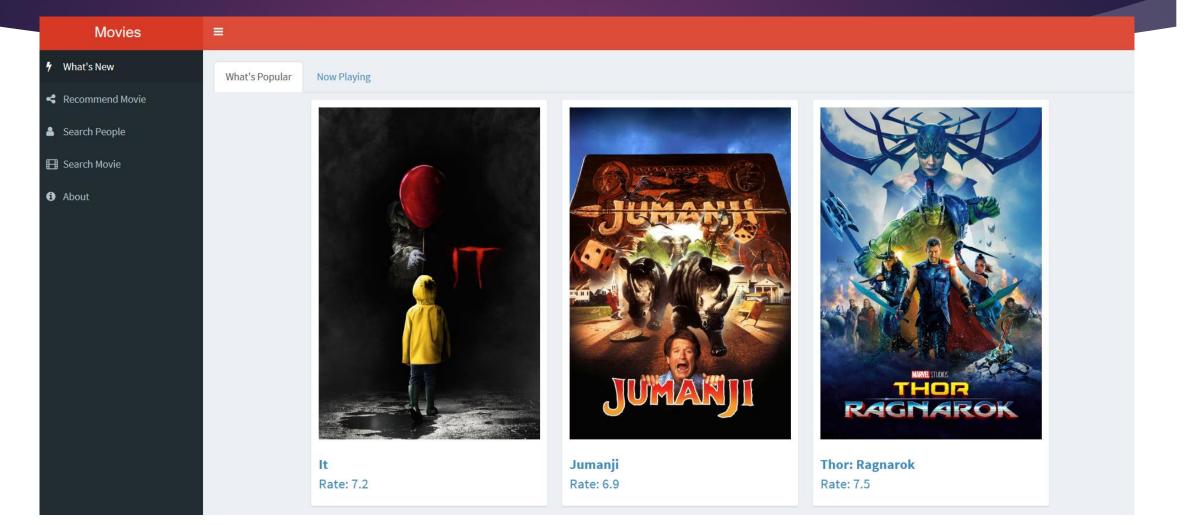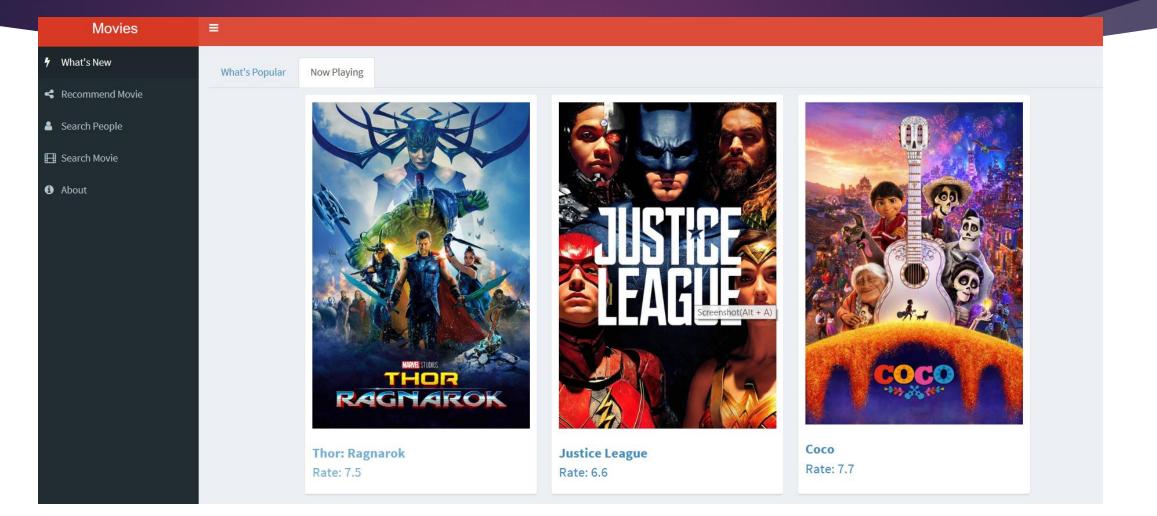# Team Drama Queens

The Movie Database Website (TMDB)

- https://www.themoviedb.org

- This website is used by thousands of web developers.

- We created functions according to the API request documentation to obtain movie information, actor/actress information, ratings, pictures, etc.

- Each function served a specific purpose to pull a person's information or a movie's information or specific details such as ratings or an associated movie word cloud.

- Then using SHINY we created an app to interactively take in these functions and display movies, actors, etc.

Displaying Popular Movies

Displaying Now Playing Movies

Displaying Search of People

Displaying Search of a Movie

```
get_now_playing = function(){🔁}

get_popular = function(){🔁}

get_search_people = function(people){🔁}

get_detail = function(id){🔁}

get_people_images = function(id){🔁}

get_people_movie = function(id){🔁}

get_search_movie = function(movie){🔁}

get_movie_credits = function(id){🔁}

get_movie_review = function(id){🔁}

get_similar_movies = function(id){🔁}

get_genre_movies = function(genre_name){🔁}

get_review_nyt = function(movie){🔁}

get_movie_wordcloud = function(review){🔁}
```

ALL

FUNCTIONS

Get_now_playing

- Give now-playing movies

Get_popular

- Give popular movies

```
get_now_playing = function(){⬌}

get_popular = function(){⬌}

get_search_people = function(people){⬌}

get_detail = function(id){⬌}

get_people_images = function(id){⬌}

get_people_movie = function(id){⬌}

get_search_movie = function(movie){⬌}

get_movie_credits = function(id){⬌}

get_movie_review = function(id){⬌}

get_similar_movies = function(id){⬌}

get_genre_movies = function(genre_name){⬌}

get_review_nyt = function(movie){⬌}

get_movie_wordcloud = function(review){⬌}
```

Get ID

Get_search_people
- Input person's name
- Get person's id

Get_search_movie
- Input movie name
- Get movie id and introduction

```
get_now_playing = function(){━━}

get_popular = function(){━━}

get_search_people = function(people){━━}

get_detail = function(id){━━}

get_people_images = function(id){━━}

get_people_movie = function(id){━━}

get_search_movie = function(movie){━━}

get_movie_credits = function(id){━━}

get_movie_review = function(id){━━}

get_similar_movies = function(id){━━}

get_genre_movies = function(genre_name){━━}

get_review_nyt = function(movie){━━}

get_movie_wordcloud = function(review){━━}
```
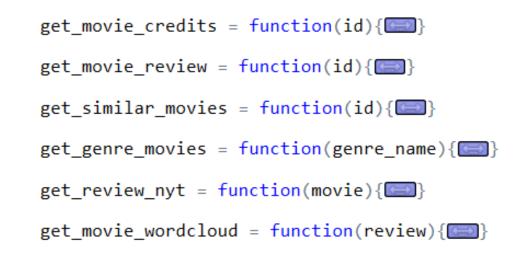
Use movie ID

Get_similar_movies
- Input original movie id
- Get similar recommended movies

Get_movie_credits
- Input movie id
- Get casts of the movie

Get_review_nyt
- Input movie name
- Get its URL of reviews from New York Times and read this URL
- Return reviews

Get_movie_wordcloud
- Input movie review
- Get wordcloud

```
get_movie_credits = function(id){⟷}

get_movie_review = function(id){⟷}

get_similar_movies = function(id){⟷}

get_genre_movies = function(genre_name){⟷}

get_review_nyt = function(movie){⟷}

get_movie_wordcloud = function(review){⟷}
```

Use people ID

Get_people_images

- Input person id
- Get image of that person

Get_people_movie

- Inout person id
- Get all movies related to that person

Get_detail

- Input person id
- Get detailed information

```
get_detail = function(id){⟷}

get_people_images = function(id){⟷}

get_people_movie = function(id){⟷}
```