MOVIE COLLECTION WEBSITE

Emerging Technologies and Frameworks Assignment 02

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Introduction

I developed a website to display few movies I selected from my opinion using Bootstrap css, jQuery, Ajax, and JSON. I used JSON as my database and used Node js to connect it with the website. Also included a search bar to fetch movies as user wish with any key word relating to the movies.

Functions I used

1. Database Access

```javascript
const MOVIES_BACKEND_URL = "http://localhost:3000/movies";

const FAV_MOVIES_BACKEND_URL = "http://localhost:3000/favourites";
```

2. Search Bar and Searching

```javascript
async function getMoviesFromBackend(query) {
  if (!loadFavourites) {
    try {
      let url = 'http://localhost:3000/movies' + (query ? ('?q=' + query) : '');
      let res = await fetch(url);
      moviesList = await res.json();
    } catch (error) {
      console.log(error);
      $('#errorMessage').text("Couldn't load JSON!");
    }
  }
  displayMoviesToHtml(moviesList);
}
```

3. All Movies

```javascript
async function displayMoviesToHtml(moviesList) {

  let movies = '';
  let url = 'http://localhost:3000/favourites/';
  let res = await fetch(url);
  favMoviesList = await res.json();
  favMovieIds = favMoviesList.map(movie => movie.id);


  $.each(moviesList, function(i, movie) {


    movies += '<div class="card movie_card" id=' + movie.id + '>' +
      '<img src="' + movie.posterImageUrl + '" class="card-img-top" alt="' +
movie.title + '">' +
      '<div class="card-body">' +
      '<i class="fa fa-heart fav_button' + (favMovieIds.includes('' + movie.id) ? '
favourite' : '') + '" data-toggle="tooltip" data-placement="bottom"
title="Favourite"></i>' +
      '<h5 class="card-title">' + movie.title + '</h5>' +
      '<p class="card-text">' + movie.actors + '</p>' +
      '<span class="movie_info"><i class="fa fa-user"></i> ' + movie.director +
'</span>' +
      '<span class="movie_info float-right"><i class="fa fa-star"></i> ' +
movie.rating + '</span></div> </div>';


  });
```

4. Bootstrap and jQuery

```
<link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css
" integrity="sha384-
Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN9MuhOf23Q9Ifjh"
crossorigin="anonymous" />
```

```
<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/font-
awesome/4.7.0/css/font-awesome.min.css">
```

```
<script src="https://code.jquery.com/jquery-3.4.1.min.js"
crossorigin="anonymous">
```