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Movie Collection website

Emerging Technologies and Frameworks Assignment 02

**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**

const MOVIES\_BACKEND\_URL = "http://localhost:3000/movies";

const FAV\_MOVIES\_BACKEND\_URL = "http://localhost:3000/favourites";

1. **Search Bar and Searching**

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);

}

1. **All Movies**

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>';

});

1. **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">