**Movies Review System**

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# Introduction

My project is about movies information and review system. This project is dedicated to providing users an excellent experience in the world of cinema, allowing them to explore, discover and review their favourite movies effortlessly.

At the core of the system is Back End, powered by the Java Spring Boot. Utilizing the efficiency of java programs, data is retrieved from MYSQL server hosted on AWS console EC2 instance. With the help of Speedment, the process of generating JSON files is fast and ensures a seamless data retrieval experience.

Complementing the Back End is the Front End, intricately designed using React. Interfacing seamlessly with JSON files, react brings movie details to life with elegance.

Clicking on a poster leads the user to dedicated page for the selected movie where all the related details of the selected movie is displayed like title, poster, genre, overall rating, description and the page displays the personalised ratings for logged-in user.

Moreover, users can delve deeper into the movies through related people, clips, and movies associated with the selected movie. Additionally, a comment section allows users to share their thoughts and opinions, fostering a vibrant community of the movie enthusiasts.

A Toolkit page is provided where any user can add new movies and new people. And the choice is given to the user to relate a specific person to a specific movie. There are other things user can control and manipulate using the Toolkit page like add clips and related them to any given movie.

# Research

For this project I wanted to have three different sections like

* Front End
* Back End
* Storage

So, for each section I had to do extensive planning and research just to make sure if the front-end technologies are compatible with the backend as well as with the storage. I had to check the compatibilities for each section against the other two.