**Movies Information**

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**Project Title**: Movies Information

**Project:** This project is going to be about movies information. Where all the information will be displayed on the web page. All the movies will be displayed using their posters. If the User clicks onto a poster web page will display all the information about that specific movie where user will be able to see the name, poster, trailer, and director of the movie. This project will have two parts one for the user and the other one for the admin where admin will be able to add, delete and update the information about the movies. Once a movie is selected few related movies will be suggested to the user according to the movie selected

**Project Structure:** This project is going to be based on three parts.

* Front End
* Back End
* Storage (Databases)

**Back End:** For Back end I am going to use Java Spring Boot where java program will fetch the data from databases and generate the JSON file using Speedment.

**Front End:** For Front end I am going to use Angular where Agular program will get the JSON file from Java Spring Boot and process that file and display the movies information onto the web page.

**Databases:** For Databases I will use MySQL where all the information will be stored e.g. Name, Year released, director, poster and trailer.

**Technologies:** These are the following technologies will be used while making this project.

* Java Spring boot
* REST
* Speedment
* Java Streams
* MySQL
* Angular

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| Month | Oct 2021 | Nov 2021 | Dec 2021 | Jan 2022 | Feb 2022 | Mar  2022 | Apr  2022 |
| Task 1 – Deciding the project and Technologies |  |  |  |  |  |  |  |
| Task 2 – Learn about the new Technologies |  |  |  |  |  |  |  |
| Task 3 – Design Databases |  |  |  |  |  |  |  |
| Task 4 – Design Backend |  |  |  |  |  |  |  |
| Task 5 – Design Frontend |  |  |  |  |  |  |  |
| Task 6 – Integrate all the technologies |  |  |  |  |  |  |  |
| Task 7 – Write Thesis |  |  |  |  |  |  |  |