**LAB REPORT**

***Submitted by***

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***In partial satisfaction of the requirements for the degree of***

**BACHELOR OF TECHNOLOGY**

# in

**COMPUTER SCIENCE ENGINEERING**

**with specialization in Cloud Computing**



# SCHOOL OF COMPUTING

**COLLEGE OF ENGINEERING AND TECHNOLOGY**

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**MAY 2023**

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# BONAFIDE CERTIFICATE

Register No. RA2111028010116 certified to be the bonafide work done by PAPAI MONDAL of II Year/IV Sem B.Tech Degree Course in the **Practical Software Software Engineering and Project Management**

**18CSC206J** in **SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,**

Kattankulathur during the academic year 2022 – 2023.

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**ABSTRACT**

The Movie Recommender is a mini project that aims to provide users with personalized movie recommendations based on their preferences. The system utilizes a straightforward approach to suggest movies that align with the user's taste and interests.

The Movie Recommender leverages a collaborative filtering technique, where it compares the preferences of different users to identify patterns and similarities. By analyzing user ratings and movie metadata, the system generates recommendations that are likely to be of interest to the user.

The implementation of the Movie Recommender involves a user-friendly interface where users can provide their movie preferences, such as favourite genres or movies. The system then processes this input and presents a list of recommended movies that match the user's stated preferences.

The Movie Recommender mini project is designed to be easy to understand and implement, making it suitable for beginners. It serves as a starting point for building more sophisticated recommendation systems that consider additional factors like user demographics, movie popularity, and reviews.

Overall, the Movie Recommender offers a basic yet effective way to discover new movies and enhance the user's movie-watching experience.

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**LIST OF ABBREVATIONS**

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| **SHORTNAME** | **ABBREVATION** |
| PASS | Passed the test case |
| FAIL | Failed the test case |
| INR | Indian Rupees |
| QC | Quality Control |
| QA | Quality Assurance |
| WBS | Work Breakdown Structure |
| DFD | Data Flow Diagram |
| SSL | Secure Sockets Layer |
| ID | Identification |
| NF | Non-Functional |
| SQL | Structured Query Language |
| OS | Operating System |
| IDE | Integrated Development Environment |