**DATABASE PROJECT**

**Movie Recommendation System**

**OVERVIEW**

# Introduction

In today's world where streaming services offer so many different movies and shows, finding the right movie can feel overwhelming. To solve this problem, we recommend a movie recommendation system. It's a smart platform designed to make watching movies more enjoyable. It provides personalized recommendations based on each user's preferences and viewing habits. Our goal is to create a system that understands what users like and adapts as their interests change. By analyzing user profiles, viewing history, and movie ratings, the system aims to provide tailored recommendations that not only save time but also introduce viewers to films they might not have otherwise discovered.

## System Overview

Several important features have been integrated to improve the functionality of the movie recommendation system. It tracks the user's viewing history and preferences, making various suggestions that are updated over time. Users can rate the movies they watch, which helps improve the accuracy of future recommendations. The system also uses advanced methods to create personalized recommendations and allows users to browse through different movie categories and genres. The database is organized with the necessary tables for user profiles, movie descriptions, ratings, genres, viewing history, and recommendations. In the future, we plan to add social features to share recommendations, implement real-time updates for more relevant suggestions, and include a manual spelling correction feature to improve data accuracy. Overall, this project aims to improve the way viewers discover and enjoy movies, making the movie viewing experience more engaging and enjoyable.