Movies Database

James Myose and Kendall Price

CIS 560

Josh Weese

Kansas State University

April 26, 2021

# Introduction

In this project, a database and interface of movies was created for movies playing in theaters. It will provide queries that give useful information about movies, actors, and directors and will relate these together to find more specific information. It will primarily serve people who enjoy watching movies.

# Technical Description

A list of movies and information on the movies was taken from a json file previously used as an exercise in CIS 400. This was adapted and used as data for the project. The Kansas State University SQL database was used to store this data.

FIX: System technical stuff used

# Database Design

Diagram

Description automatically generated

FIX: Update uml

# System Design

Show diagrams that can help you explain the implementation of the project. These diagrams should show software components and their relationships, such as UML class diagrams or call sequence diagrams. Include everything that can clarify how your application is composed, how the tasks and data is processed, and how the software components are organized to work together.

# System Features and Usage

Use example scenarios (and screenshots) to explain the system. Show how users interact with the system. Highlight the strengths and limitations of your system.

# Report Queries

Include 4 report-type queries that support the functionality of your system. Your queries should be "interesting" and substantially-different from each other. A report-type query is likely to have aggregates and cover a larger range of rows before aggregation. For each of your queries, submit the stored procedure or statements that include:

* A comment describing what the procedure/statement accomplishes.
* The full implementation. If using procedures, include the full statement of CREATE PROCEDURE and its parameters.
* A screenshot or table (such as in MS Word or HTML, not database table/relation) of your results.

NOTE: Your project may include more than 4 report-type queries, so please select only 4 to include in this section of the report. The remaining queries should be included in your code submission.

# Summary and Discussion

* The completeness ofRe your project compared to the original vision.
* Explain the changes made to your database design since the proposal.
* What you have learned, what would you change if you'd do it again.
* Discussion of possible improvements and ideas for future work.