User Manual

**Overview**

This application allows users to efficiently search, analyze, and explore movie-related data. With structured database queries, users can find movies by description, tagline, revenue, genre, and popularity. By combining queries, they can refine their searches and uncover deeper insights into trends and relationships within the dataset.

**Features Overview**

**1. Search for Movies by Description**

* **Function:** Allows users to find movies that contain a specific keyword in their description.
* **Example:** Searching for "alien" will return all movies where the description includes the word "alien."

**2. Search for Movies by Tagline**

* **Function:** Enables users to find movies using promotional taglines that contain specific keywords.
* **Example:** Searching for "love" will list all movies where the tagline includes the word "love."

**3. Retrieve the Most Popular Genres**

* **Function:** Provides a ranked list of genres based on the number of movies available in each genre.
* **Usage:** Helps users identify the most frequently occurring genres in the dataset and analyze trends.

**4. Find the Highest-Grossing Movie**

* **Function:** Retrieves the movie with the highest revenue from the dataset.
* **Usage:** Allows users to quickly determine which movie has generated the most revenue.

**5. List All Movies in a Specific Genre**

* **Function:** Retrieves all movies associated with a particular genre.
* **Example:** If a user wants to see all Action movies, the system will return a list of movies where the genre ID corresponds to Action.

**6. Find the Most Popular Movies in a Specific Genre (Combination Query)**

* **Function:** Users can filter movies by genre and sort by popularity.
* **Usage:** This requires combining the genre query with additional filtering based on popularity.

**7. Find High-Revenue Movies Matching a Specific Theme (Combination Query)**

* **Function:** Searches for movies by keyword and ranks them by revenue.
* **Example:** A search for "space" will return all movies with that keyword, sorted by highest earnings.

**8. Personalized Search Filtering (Combination Query)**

* **Function:** Users can combine keyword searches with genre filters to refine their results.
* **Example:** Searching for "sci-fi" movies and filtering results only to "Drama" genre entries.

This application enables efficient movie searches and analysis through structured queries, helping users explore trends and key insights in the dataset.