**Project Proposal: Movie Ticket Booking System**

The proposed project aims to develop a comprehensive Movie Management System to facilitate the efficient management of movie releases, showtimes, seating arrangements, and ticket pricing in a cinema setting. The Movie Management System will include the following key features:

* Management of movie information: release date, durations, age limits, genres, formats, and languages.
* Scheduling of movie releases: Creation of showtimes, management of seat availability, and prevention of room and time collisions.
* Pricing management: Customizable pricing based on movie format, language, and time factors.

**Objectives:**

* To create a centralized database system for storing movie information, including titles, genres, formats, languages, and pricing details.
* To implement a robust scheduling module to manage movie releases and showtimes, ensuring no room or time collisions occur.
* To provide comprehensive documentation including the database design and any assumptions or limitations.
* To conduct thorough testing to demonstrate the functionality and robustness of the system.

**Methodologies:**

* Database design: Designing a well-structured database schema with normalized tables, appropriate keys, and constraints in Lucid chart.
* Testing: Conducting unit tests, integration tests, and user acceptance tests to validate the functionality and reliability of the system using PostgreSQL, CMD.

The proposed Movie Management System aims to streamline the management of movie releases, showtimes, and ticket pricing, providing a user-friendly interface for administrators and users.