Movie Reservation System

By:Shahad Almuqbil

About Me

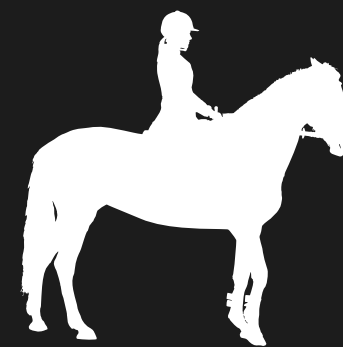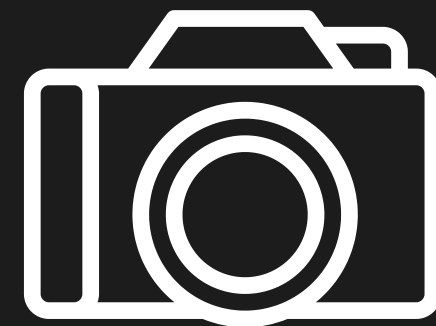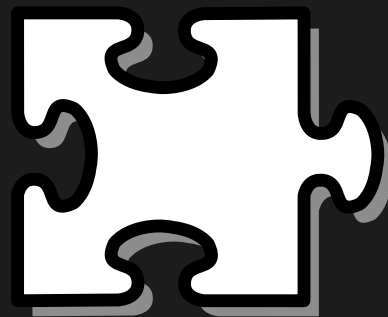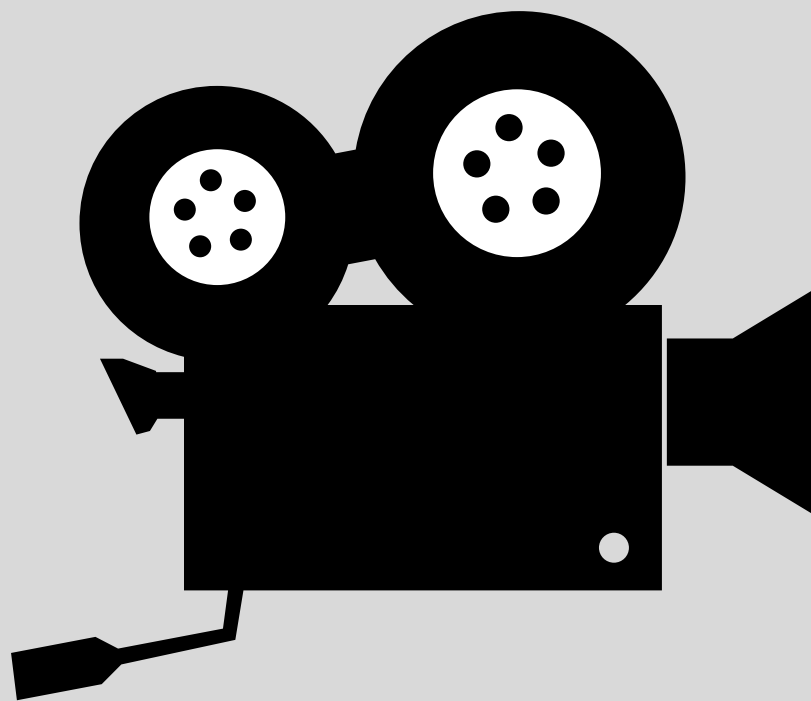# Project Elevator Pitch

My project is the backend system for a Movie Reservation System, providing the critical functionality for managing users, administrators, movies, and reservations.

I am excited to apply my coding skills to a practical solution in the entertainment industry, enhancing the movie reservation experience for both users and administrators.
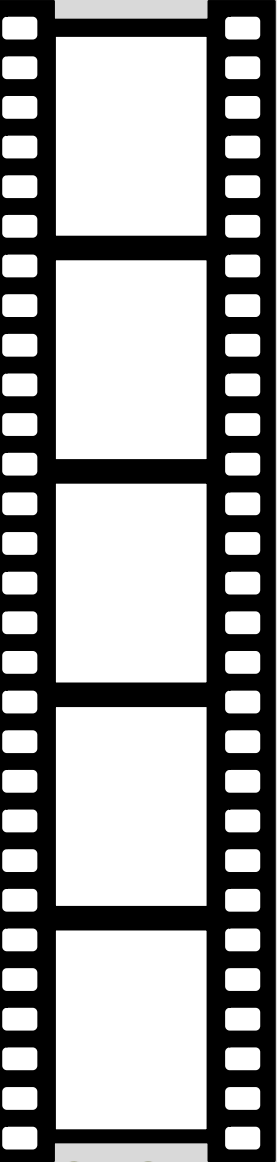
Movie Reservation System Backend, built with Java and Spring Boot, operates as follows:

- User Management: Manages both administrators and registered users, allowing for registration and user information updates.

- Movie Management: Provides functionality for adding, categorizing, and maintaining movie details, all under the supervision of administrators.

- Reservation Processing: Facilitates the booking of movie tickets, associating reservations with registered users and movies.

- Efficient Data Handling: Utilizes a database for data storage and retrieval, ensuring secure and efficient operations.
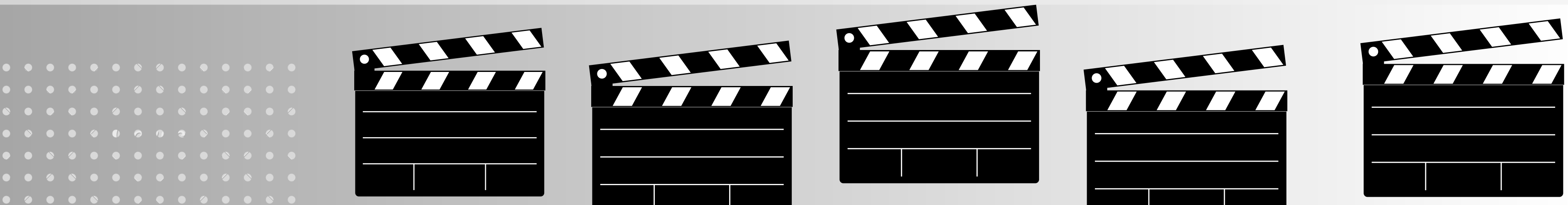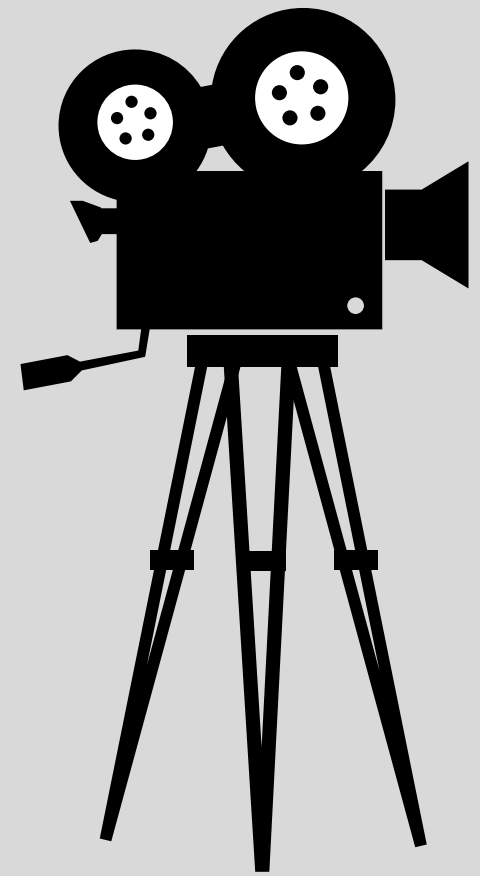
Technical challenge
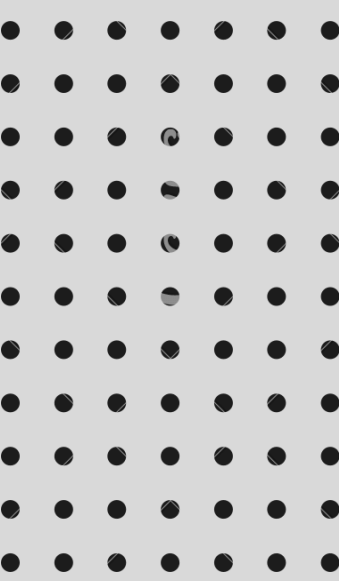
1. Data Modeling and Database Design:
   - Solution: Careful planning and modeling of the data using an appropriate database management system ex.MySQL. Ensure data normalization, indexing, and optimization for efficient data retrieval.
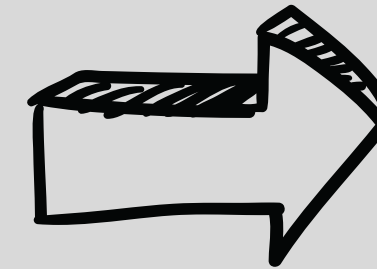
2. Testing and Quality Assurance:
   - Solution: Develop a comprehensive testing strategy, including unit and integration testing, Use continuous integration and automated testing tools to catch and fix issues early in the development process.
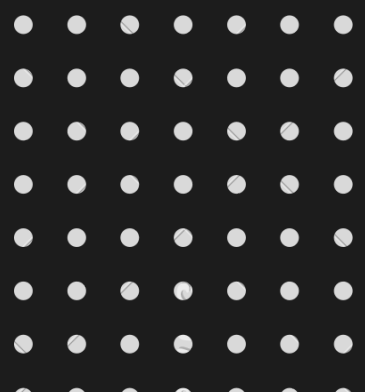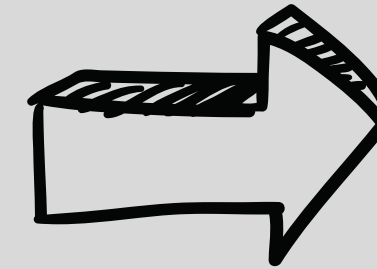
Big Mistake

Initially, not knowing how to plan and manage the project efficiently.
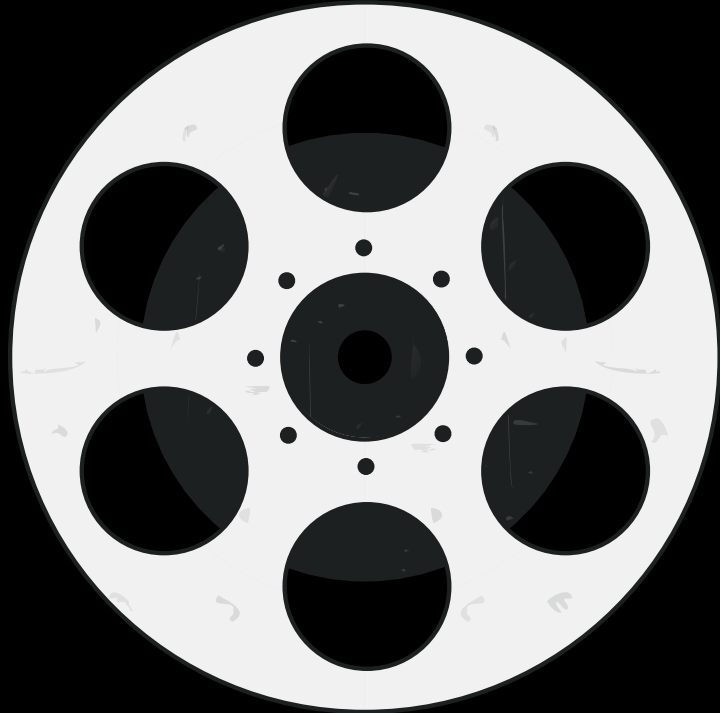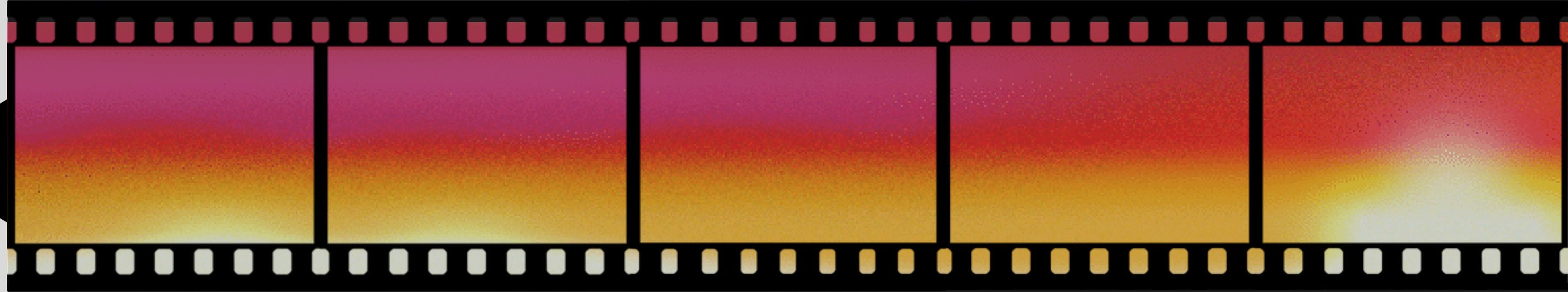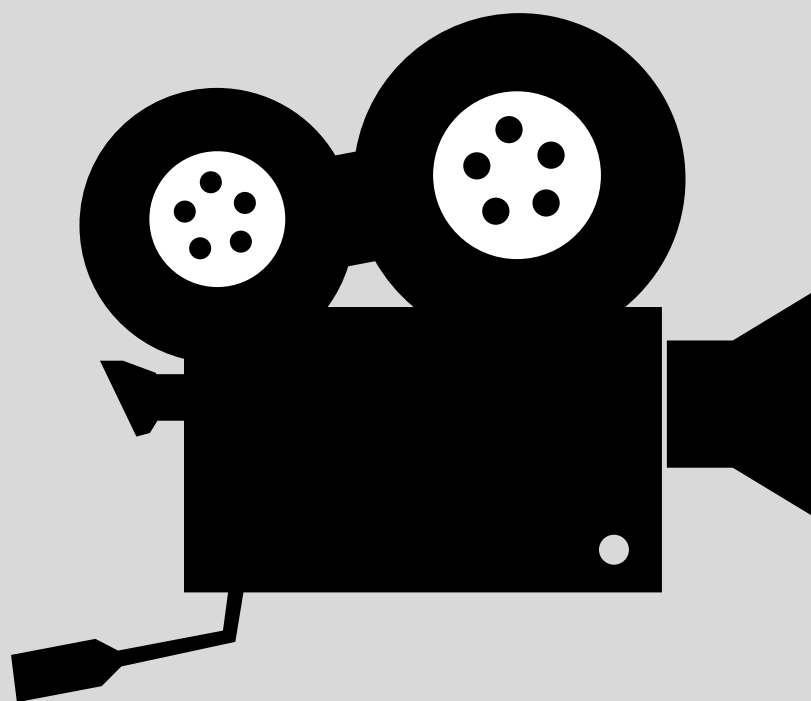
Using Trello.

Spending too much time perfecting individual steps and not progressing to the next.

Setting realistic deadlines.

Demo

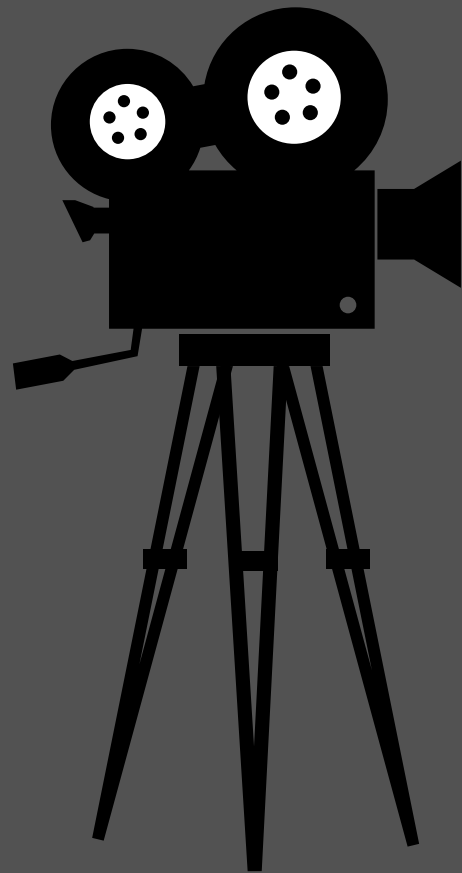# Movie Reservation System

Thank You

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