

## MOVIE BOOKING APPLICATION

This document outlines user stories for a movie booking application inspired by BookMyShow, adhering to the INVEST criteria. According to me the INVEST criteria means to:

- Independent: Each story can be implemented separately without relying on others.
- Negotiable: Details and acceptance criteria can be discussed with stakeholders.
- Valuable: Delivers features users need and contributes to business goals.
- Estimable: Development effort can be reasonably approximated.
- Small: Breaks down complex functionality into smaller, more manageable tasks.
- Testable: Acceptance criteria define success conditions for clear testing.

### User Roles:

- Movie Watcher: Browses movies, books tickets, manages bookings.
- Theater Administrator: Manages theater information and show timings (if integrating directly with theaters).
- System Administrator: Creates and manages user accounts, oversees platform operations.

### User Stories:

#### 1. Movie Watcher - Search & Browse Movies

- As a movie watcher, I want to search for movies by title, genre, cast, director, or release date so that I can easily find movies I'm interested in.
- Acceptance Criteria:
  - The search function should be able to search for movies based on provided keywords.
  - Browse functionality should display upcoming and currently playing movies.
  - Users can filter movies by release date, language, or genre.

#### 2. Movie Watcher - View Movie Details

- As a movie watcher, I want to view detailed information about a movie (synopsis, cast, director, and trailer) so that I can make informed booking decisions.
- Acceptance Criteria:
  - Clicking on a movie should display its synopsis, cast and crew information, and trailer (if available).
  - Movie posters should be displayed alongside movie details.

#### 3. Movie Watcher - View Show Timings

- As a movie watcher, I want to see available show timings for a particular movie at different theaters so that I can choose a convenient time and location.

- Acceptance Criteria:
  - Selecting a movie should display available show timings in nearby theaters.
  - Show timings should display date, time, and theater name.

#### 4. Movie Watcher - Select Seats & Book Tickets

- As a movie watcher, I want to select seats for a chosen show and book tickets using a secure payment method (credit card, debit card, online wallets) so that I can reserve my spot for the movie.
- Acceptance Criteria:
  - Users can select seats from a visual seat chart that displays available seats.
  - Seat selection should update the total price based on chosen seats and category.
  - Different payment options should be integrated for secure checkout.
  - Confirmation email and ticket should be sent upon successful booking.

#### 5. Movie Watcher - View Booking History

- As a movie watcher, I want to view my booking history and access tickets for upcoming shows so that I can easily manage my bookings.
- Acceptance Criteria:
  - Users can access a section displaying their past and upcoming movie bookings.
  - Bookings should display details like movie title, date, time, theater, seat numbers, and ticket download option.

#### 6. Theater Administrator - Manage Theater Information

- As a Theater Administrator, I want to add, edit, and update theater information (name, location, amenities) and show timings (date, time) so that I can maintain accurate information for users.
- Acceptance Criteria:
  - Theater administrators should have a dedicated login and dashboard to manage their theaters.
  - They can add new theaters, edit existing ones, and update details like address and amenities.
  - They can manage show timings by adding, editing, and deleting show schedules.

#### 7. System Administrator - Manage User Accounts

- As a System Administrator, I want to create, edit, and deactivate user accounts (Movie Watcher) so that I can manage platform users and ensure security.
- Acceptance Criteria:
  - System administrators have access to a user management panel for creating, editing, and deactivating user accounts.
  - They can view user details like name, email address, and booking history.