

2.1 Project Name: Movie Theater Management System

2.1.1 List of Features

2.1.1.1 Authentication

2.1.1.1.1 Register

2.1.1.1.2 Login

2.1.1.1.3 Logout

2.1.1.1.4 Password Reset

2.1.1.2 User Management

2.1.1.2.1 View User List (e.g., staff, managers)

2.1.1.2.2 Add User

2.1.1.2.3 Edit User

2.1.1.2.4 Delete User

2.1.1.3 Role Management

2.1.1.3.1 View Role List (e.g., cashier, technician, manager)

2.1.1.3.2 Add Role

2.1.1.3.3 Edit Role

2.1.1.3.4 Delete Role

2.1.1.3.5 Assign Permissions to Roles

2.1.1.4 User Status Management

2.1.1.4.1 View User Status List

2.1.1.4.2 Activate User

2.1.1.4.3 Deactivate User

2.1.1.4.4 Block User

2.1.1.5 Movie Management

2.1.1.5.1 Add Movie

2.1.1.5.2 Edit Movie

2.1.1.5.3 Delete Movie

2.1.1.5.4 View Movie List

2.1.1.5.5 View Movie Details

2.1.1.5.6 Search Movies

2.1.1.5.7 Filter Movies (e.g., Genre, Rating)

2.1.1.6 Customer Management

2.1.1.6.1 Add Customer (optional, for loyalty programs)

2.1.1.6.2 Edit Customer

2.1.1.6.3 Delete Customer

2.1.1.6.4 View Customer List

2.1.1.6.5 View Customer Details (optional, for loyalty programs)

2.1.1.7 Ticket/Showtime Management

2.1.1.7.1 Schedule Showtime

2.1.1.7.2 View Showtimes

2.1.1.7.3 Reschedule Showtime

2.1.1.7.4 Cancel Showtime

2.1.1.7.5 Sell/Reserve Tickets

2.1.1.7.6 Ticket Printing/Digital Ticket Generation

2.1.1.7.7 Manage Seat Availability

2.1.1.8 Reporting

2.1.1.8.1 Ticket Sales Report

2.1.1.8.2 Customer Activity Report (optional, for loyalty programs)

2.1.1.8.3 User Activity Report

2.1.1.8.4 Movie Attendance Report

2.1.1.9 Movie Media Management

2.1.1.9.1 Upload Posters/Images

2.1.1.9.2 View Posters/Images

2.1.1.9.3 Delete Posters/Images

2.1.1.9.4 Upload Trailers/Videos

2.1.1.9.5 View Trailers/Videos

2.1.1.9.6 Delete Trailers/Videos

2.1.1.10 Theater/Auditorium Management

2.1.1.10.1 Add Auditorium

2.1.1.10.2 Edit Auditorium

2.1.1.10.3 Delete Auditorium

2.1.1.10.4 View Auditorium List

2.1.1.10.5 Seat Arrangement Management

2.1.1.11 Search and Filtering

2.1.1.11.1 Advanced Movie Search

2.1.1.11.2 Filter by Showtime

2.1.1.11.3 Filter by Genre

2.1.1.11.4 Filter by Rating

2.1.1.11.5 Filter by Auditorium