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**Movie Theatre Management System (Pre-Meeting Draft)**

System software will be designed for the theatre staff to manage movies that is currently showing. Two types of users will use this system: Admin and Clerk. As an admin, user will be able to register new employees, edit movie listing (add/remove), manage auditorium and sell tickets. Clerk will be able to manage screen and sell tickets. Database will be designed with certain privileges for the two users.

**Project: Popcorn +**

Roles of Project

Project Manager – Damien

Development - Darius, Paulius

Testing - Gabor, Shane

Visual/Database Design - Shane, Gabor

Architecture - Paulius, Darius

**Must have**

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These requirements are essential for the product.

**G.U.I (Graphical User Interface):**

**User:**

* Username, Password, Clerk, Admin.
* Login Screen- Connect to system by providing a username, password.

**Movie List:**

* Name ( Movie I.D), Screen I.D, Runtime, Description, Genre, Picture, Screen I.D.
* Movie List Screen - name, picture, description, Runtime, Genre, Picture Representation of movie.

**Screen:**

* Movie I.D, Screen I.D, Seat Plan.
* Booking screen. – Name (Movie I.D), Screen I.D, Seat Plan, Runtime.

**Session:**

* Movie I.D, Screen I.D, Seat Plan, Runtime.
* Booking Details – Name(Movie I.D), Screen I.D, Seat Plan, Runtime, Booking I.D.

**Login Screen Access Admin:**

* Login screen has access through different username with access rights.
* Admin will have the ability to register new employees, add/remove movie listing, manage screen and sell tickets. Be able to edit the currently showing list of films. View a list of currently showing films. Add new movie to the system. Remove movie from the system. Edit movie in the system. View list of screens. View movie showing times and screens. View seating plan of screen. Seats booked. Sell tickets, seat booking. Remove user from the system.

**Login Screen for Access Clerk:**

* manage screen and sell tickets. Be able to edit the currently showing list of films. View a list of currently showing films. View list of screens. View movie showing times and screens. View seating plan of screen. Seats booked. Sell tickets, seat booking..

**Should have (To Be Established)**

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These requirements are not critical for the product to work, but are nearly as important as the must haves, meaning they must be implemented if at all possible.

* Rating system/Customer Rating/ motion picture content rating. Added to Movie List Screen
* Movies should only be available for 1 week.
* After time has passed by the showing time the available movie times and seats should switch to the next available.

**Could have (To Be Established)**

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Requirements which are not critical to the products success. If they can be implemented with little development costs, they can increase customer satisfaction.

**User Requirements:**

Connect to system by providing user name and password.

View a list of currently showing films.

Be able to edit the currently showing list of films.

Add new movie to the system.

Remove movie from the system.

Edit movie in the system.

View list of auditoriums.

View movie showing times and auditoriums.

View seating plan of auditorium. Seats booked.

Sell tickets, seat booking.

Remove user from the system.(Register User?).

Design the application for ease of access to the customer.

Develop the application for ease of access to the customer.

Test the application for ease of access to the customer.