**SYSTEM REQUIREMENT SPECIFICATION**

1. GENERAL DESCRIPTION

Product Description:

The system consists of two parts. A web application which can provide the online movie booking service for the customer to access the web service from his Smartphone/System. Web application should be able to help the user for viewing details of the movie any time and book the movie tickets.

Problem Statement:

To create a web based movie booking system online which will help the user to access the system through website at any time. As a new user also he can collect all information like as a movies available ,list of theatres.

1. SYSTEM OBJECTIVES

➢ To provide a Web application for online booking of tickets, viewing the time slots of a particular movie etc.

3. SYSTEM REQUIREMENTS

3.1 NON-FUNCTIONAL REQUIREMENTS

i. EFFICIENCY REQUIREMENT

When an online movie ticket booking application is implemented user can book the tickets in an efficient manner.

ii. RELIABILITY REQUIREMENT

The system should provide a reliable environment to both users and owner.

iii. USABILITY REQUIREMENT

The Web application is designed for user friendly environment and ease of use.

iv. IMPLEMENTATION REQUIREMENT

Implementation of the system using React in front end with .NET as back end and it will be used for database connectivity. And the database part is developed by MySQL. Responsive web designing is used for making the website compatible for any type of screen.

3.2 FUNCTIONAL REQUIREMENTS

USER

➢ USER LOGIN

A user must login with his username and password to the system after registration. If they are invalid, the user not allowed to enter the system.

Functional Requirement

• Username and password will be provided after user registration is confirmed.

• Password should be hidden from others while typing it in the field

➢ REGISTER NEW

A new user will have to register in the system by providing essential details in order to book the movie tickets. The admin must accept new user by unblocking him.

➢ BOOKING A MOVIE TICKET

The user can book the movie ticket as per the available time slots and the available seats. He

can view the ticket once the booking is done.

Functional Requirement

• System must ensure that, only a registered customer can book movie tickets.

• Admin account should be secured so that only owner of the system can access that account.

ADMIN

An admin is considered can manage the time slots and the movies to be included in a particular theatre. He can also check the list of users who have booked the ticket for a particular movie in a given time slot.

ADMIN

➢ MANAGE USER

The admin can add user, delete user, view user and block user.

➢ MANAGE TIME SLOTS

The admin can allot new time slots for a particular movie for a particular day.

➢ MANAGE MOVIES

The admin can add, replace or remove a particular movie from the cineplex.

Functional Requirements:

• The system must identify the login of the admin.

• Admin account should be secured so that only owner of the system can access that account.