**Requirement Specification**

**Title: online movie ticket booking**

**Objective:**

* The main purpose of online movie ticket booking system is to provide alternate and convenient way for a person to book ticket(s) for cinema halls. It is an automated system.
* E-ticketing system is basically made for providing services for booking seats in the cinema hall and gather the information about the movies online.
* The user can easily be able to know about the movies released and then make the choice.
* To minimize the number of staff at ticket box counter.

**Scope:**

* User can book tickets through internet.
* Admin can insert and delete information about film description and time table which will update the webpage.

**Functionality:**

* Administrator:
* In this section, administration can save the information related to the movies i.e movie schedule, availability of tickets.
* After successful registration of customer a confirmation mail will be sent to customer.
* After user booking ticket(s), confirmation email will be sent to their respective email id.
* Customer:
* Register online for booking ticket(s).
* In this section, customer can view movies information online and book movie ticket by selecting seat(s) by his/her choice.
* Customer can make payment for booking ticket(s) online by credit/debit card using their login details.

**Details**

1. Register Details: User need to submit his details required to register for booking ticket(s) and can proceed further booking.

*- Name*

*- Email id*

*- Password*

2. Sign In Details: For sign in user must enter their respactive email id with password which given during registeration.

*- Email Id*

*- Password*

3. City Selection: The Online Movie Ticket booking system enables the user to select the city where he wants to book ticket.

*- list of cities names*

*- movies name*

4. Movie Details: To show the movie name, cinema hall name, timings of start movie.

*- Select movie name*

*- Select Date*

*- cinema halls name*

*- Movie Show timings*

*- Change city*

Seat Selection Details: The OMTB system enables the user to select the seat based on the availability.

*- select cinema hall*

*- select show timing*

*- select seat*

*- show available, unavailable seat*

Ticket Details: The Online Movie Ticket booking system enable to show cinema name, movie name, date, time and total amount.

*- total amount*

*- time , date and category*

Insert Movie Information: The OMTB should enable the administrator to insert new movie information.

Delete Movie Information: The system should enable the admin to delete movie information as per the requirement.

Modify Movie Information: The system should enable the admin to modify movie information as per the requirement.

**High level Requirement/ functionalities**

**Module:**

* Master : Administration module
* Register module
* Customer login module
* Booking module
* Cinema Hall module
* Payment module

**Master Module:**

Admin

**Transaction Module:**

A) Customer

1) Login

2) Registration

3) Make Payment

B) Movie

1) Current & Upcoming Movies

2) Ticket Booking (No. of booked tickets)

3) Availability Status