**SOFTWARE REQUIREMENT SPECIFICATION (SRS)**

**Collection of Requirements:**

Requirements analysis is done in order to understand the problem, which is to  
be solved. That is very important activity for the development of database  
system. The requirements and the collection analysis phase produce both data requirements and functional requirements. The data requirements are used as a source of database design. The data requirements should be specified in as detailed and complete form as possible.  
In parallel with specifying the data requirements, it is useful to specify  
the known functional requirements of the application. These consist of user-defined operations that will be applied to the database (retrievals and updates).  
The functional requirements are used as a source of application software design.

**Data-requirements** are given as follows: -

**User Module:**

❖ **User Registration**  
• User Register with Name, A username (for logging in later), Password,  
 Phone Number, E-mail address.

❖ **User Login**  
• User Can Book the Ticket After Log in.  
• User Login with User Name and Password.  
• Forgot Password use for Retrieve Password.

❖ **Check Availability**  
• After Login, User, Can Search Movie From Movie List.  
• User Can Check Ticket Availability.  
• User can also check the Movie Running Hours.  
• If Ticket is Available User Can Book Ticket.

❖ **Book Ticket.**  
• User can book ticket by specifying username and Phone Number.  
• Then Select Number Of Seats to Book.  
• A conformation Message will be sent to the Given Number. The content  
 of the message is as shown below:-  
 **“Film name-Random 5 letter Code-Show Time”**

**Admin Control:**

❖ **Admin User Login.**  
• Admin User Login with Admin User Name and Password.

❖ **Show Manage.**  
• Admin Can Change Show Name and Show Time.

❖ **Movie Mange.**  
• Admin Can Add New Movie.  
• Admin Can Edit Old Movie Details.  
• Admin Can Delete Movie.

❖ **Schedule Manage.**  
• Admin Can Add New Movie Schedule.  
• Admin Can Edit Movie Schedule.  
• Admin Can Delete Movie Schedule.

❖ **User Manage**  
• Admin can control the signed up users  
• Admin can delete the account of users who didn't show up for the movie  
 after booking tickets.

❖ **Counter Control**  
• Counter Employee Login with Counter User Name and Password..  
• Counter Employee type the message shown by the Customer in the field  
given and confirm the user.  
• Tickets are issued from the Counter.