

Online Movie Ticket Booking System

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Abstract: *The development of an online movie ticket booking system for a movie theatre is the goal of this project. The reservation of tickets will be automated with this program. Any user will be able to access a movie theatre's website provided by this movie ticket reservation system. There are three logins: admin login, theatre login and user login. The administrator adds or deletes the movies, the theatre operator adds or deletes the show times for a movie, the user books a ticket for a specific movie. The user confirms their choice of seats at the cinema. Once the seats are confirmed, a voice message is issued. At any time, the user can use this website to buy tickets online.*

Keywords: Movies, Theatre, Admin, HTML, PHP, XAMPP

I. INTRODUCTION

The development of an online ticket reservation system for a movie theatre is the aim of this project. Anyone on the network will be able to access the Internet-based application used for ticket reservations. The reservation of tickets will be automated using this program. Any user may access the website for a cinema theatre provided by this online ticket reservation system. To book the tickets, the user must log into the system and provide a credit card. One of the finest ways to unwind after a long day at work is to go to the movies with family and friends. However, the excitement quickly fades when you realize how long the lines are to get tickets. The website offers comprehensive details on the films that are currently showing on every screen, including information about showtimes, available seats, and rates for various classes. Reservations for tickets are made using a credit card and are cancellable if necessary. For those who lack the time to wait in long lines to reserve their tickets, one of the best solutions is to use our online system. Online ticket purchases are available day or night. The option to cancel already-reserved tickets is also available through our reservation system.

II. PROPOSED SYSTEM

Users will be able to book tickets whenever and wherever they want because the system will be online-based. The online system for ordering movie tickets will provide the customer with thorough information, enabling them to make an informed decision about which ticket to purchase. The user will receive a warning message an hour before the movie starts. The client has the choice to look through upcoming films, providing him the opportunity to buy a ticket in advance. The user can book 15 tickets at once. If the user cancels their movie tickets in our booking system within four hours of the movie's start time, they will be eligible for a refund.

There are three logins: admin login, theatre login and user login. In user login, the user must register if he doesn't already have an account. If the user already has an account, he must log in to start the session. The customer can select movies on the movie page. After selecting the movie, the page displays available shows. The user selects the date and number of seats for a movie and confirms the seats in the theatre. Then the page redirects to the payment and asks the user to enter the card details. After successful payment, the booking is confirmed. In the admin login, the administrator can add or remove theatres. The administrator can add upcoming movies. In theatre login, theatre management can add or remove shows for a particular movie and view available shows and theatre details.

III. TECHNOLOGIES USED

3.1 HTML

HTML (HyperText Markup Language) is the code that is used to structure a web page and its content. For example, content could be structured within a set of paragraphs, a list of bulleted points, or using images and data tables. HTML

is a that defines the structure of your content. We used HTML in certain pages like registration, login, movies, booking etc. The enclosing tags can make a word or image hyperlink to target web page.

3.2 PHP

PHP is an open-source server-side scripting language that many developers use for web development. It is also a general-purpose language that you can use to make lots of projects, including Graphical User Interfaces (GUIs). PHP initially stood for Personal Homepage. But now it is a recursive acronym for Hypertext Preprocessor. The pages are created with extension .php, for example, login.php. PHP is mostly used for making web servers. PHP remains a relevant and widely-used language in web development.

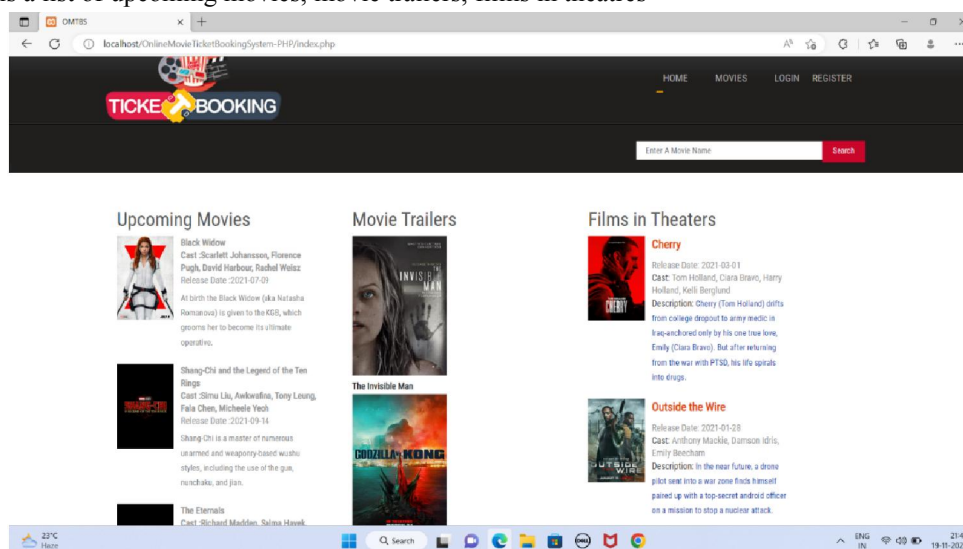
3.3 XAMPP

The goal of XAMPP is to build an easy to install distribution for developers to get into the world of Apache. It is the most popular PHP development environment. We stored the data like movies, show timings, login credentials etc in database movie theatredb. We established a database connection after creating the database.

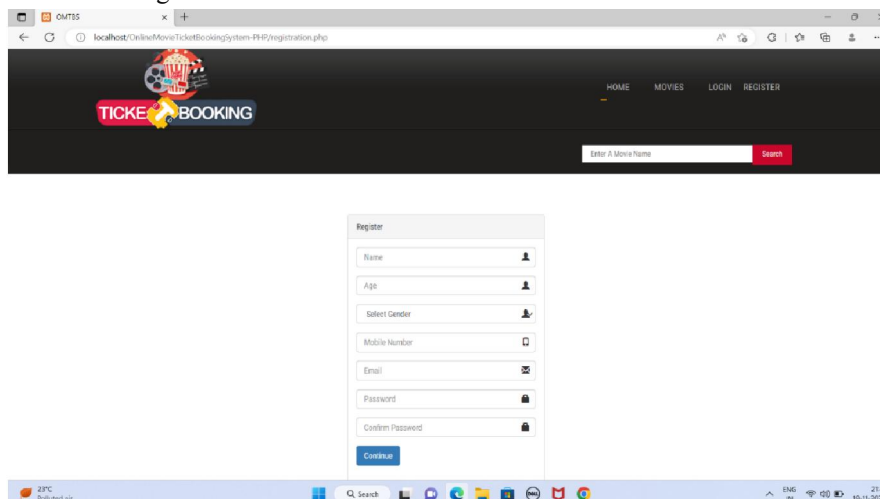
IV. RESULTS

4.1 User

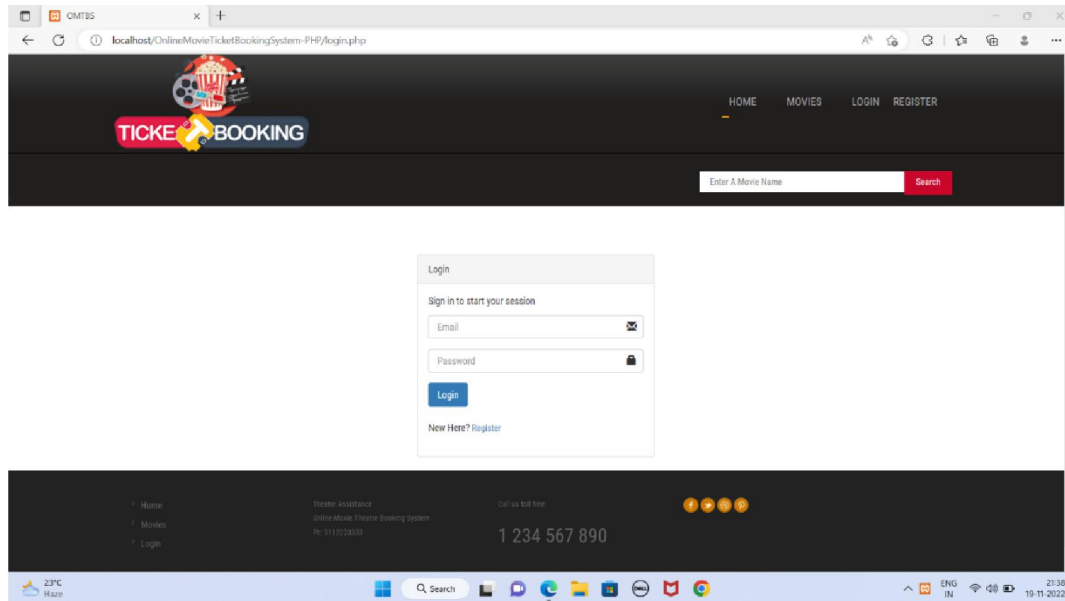
Home: There is a list of upcoming movies, movie trailers, films in theatres



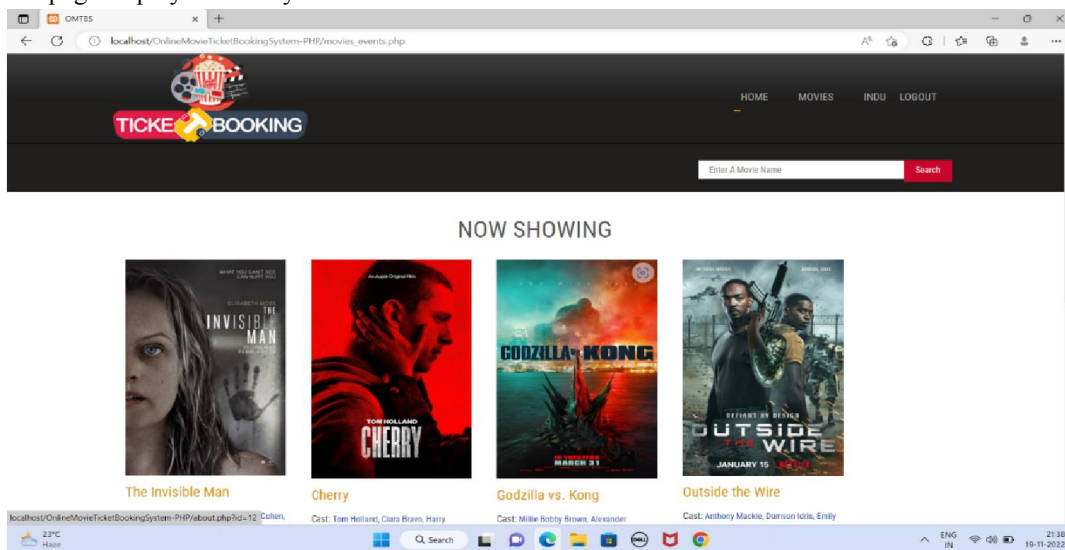
Registration: The client must register to book tickets



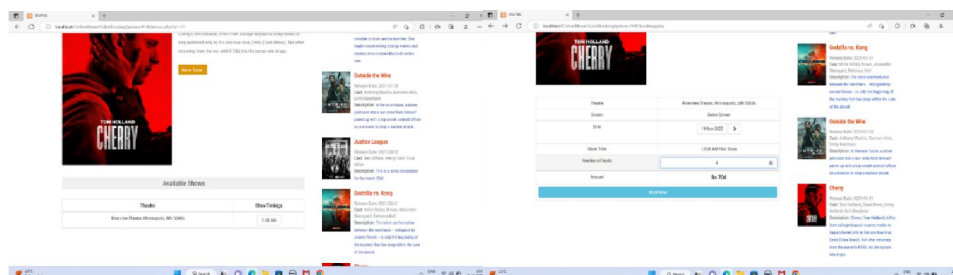
Login: After registration, the user needs to login to book tickets



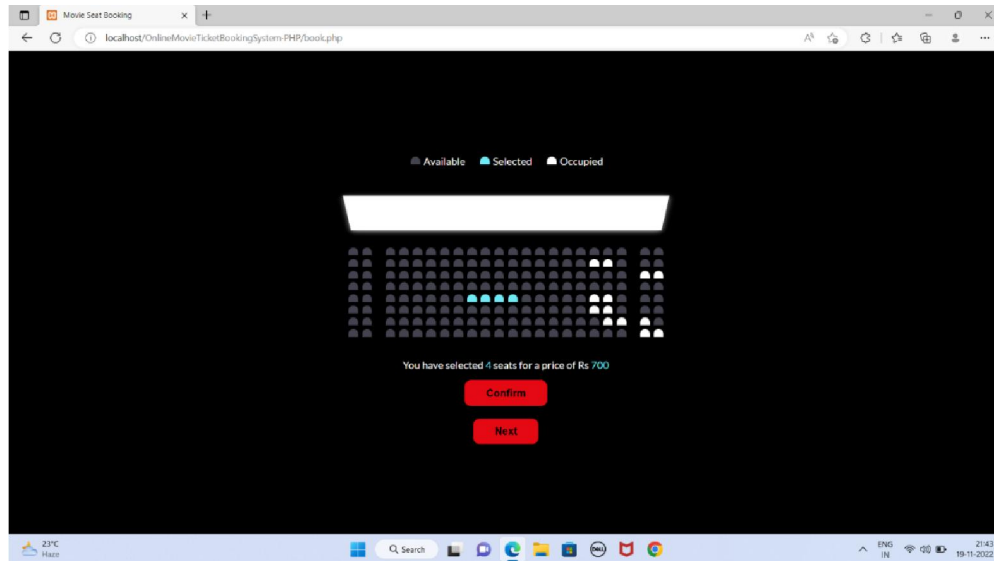
Movies: This page displays currently available movies



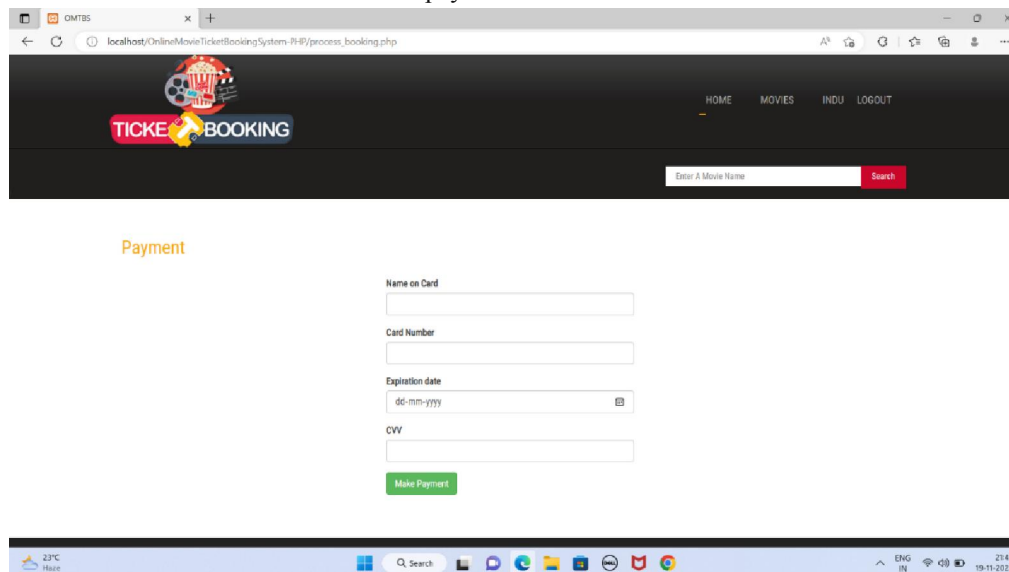
By selecting a movie, we can watch trailer and available shows in various theatres can be displayed and also we can select the number of seats and date of the movie



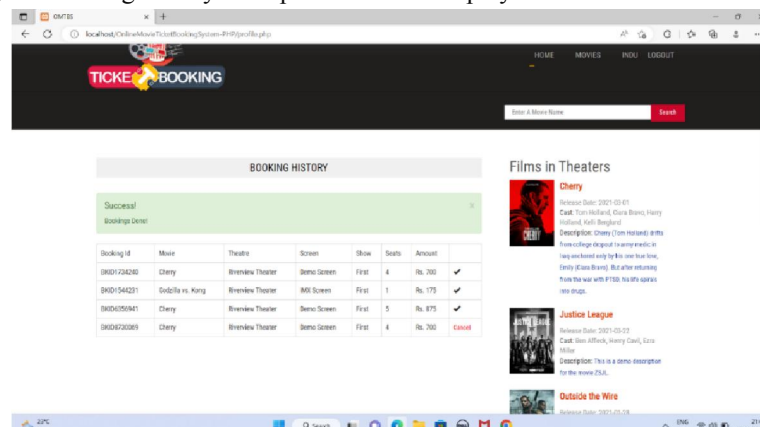
Booking the seats and confirmation



Payment: The client needs to enter card details for payment

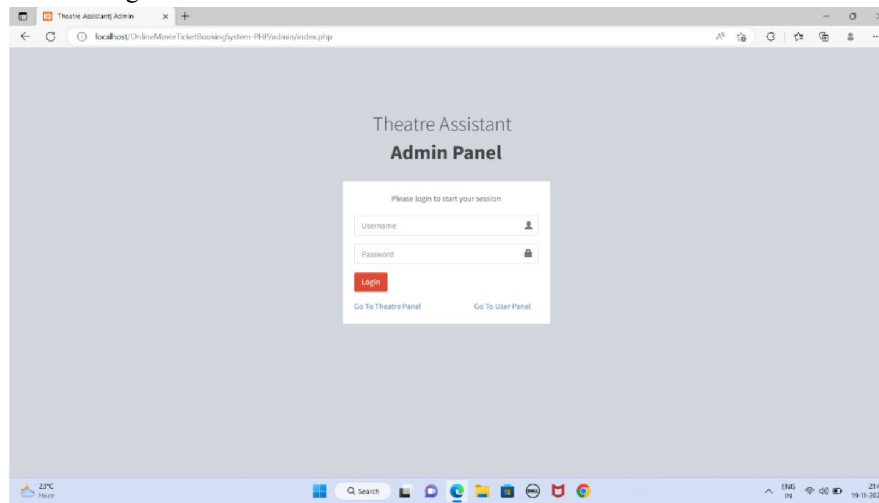


Profile: In profile page, the booking history of a specific user is displayed

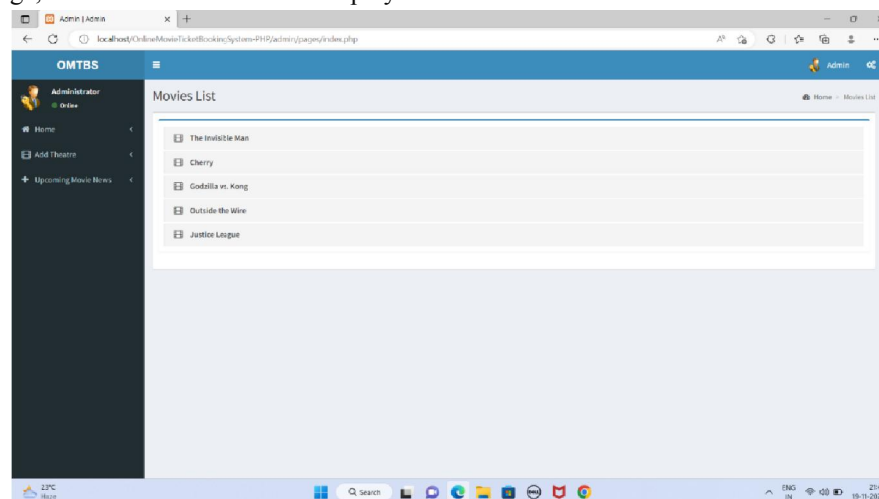


4.2 Admin

Login: The admin needs to login to add or delete a movie

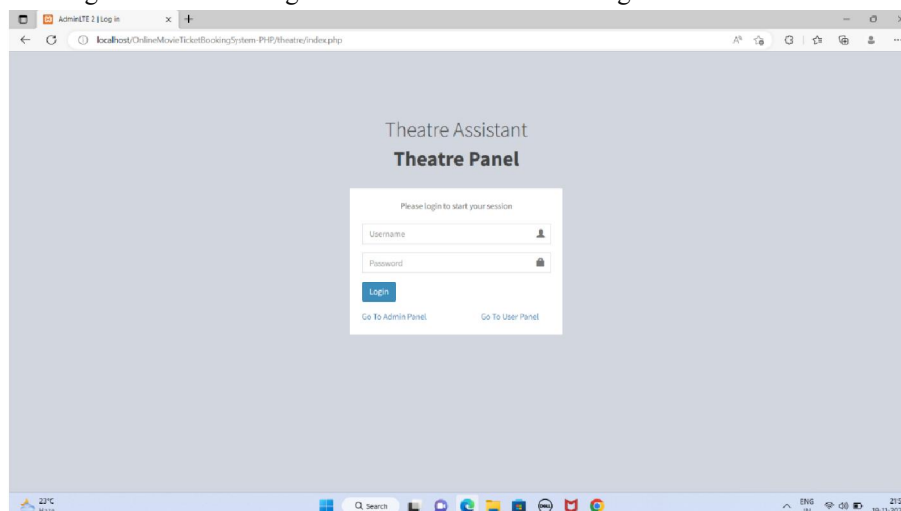


Home: In home page, the list of movies will be displayed and the admin can add or delete the movies

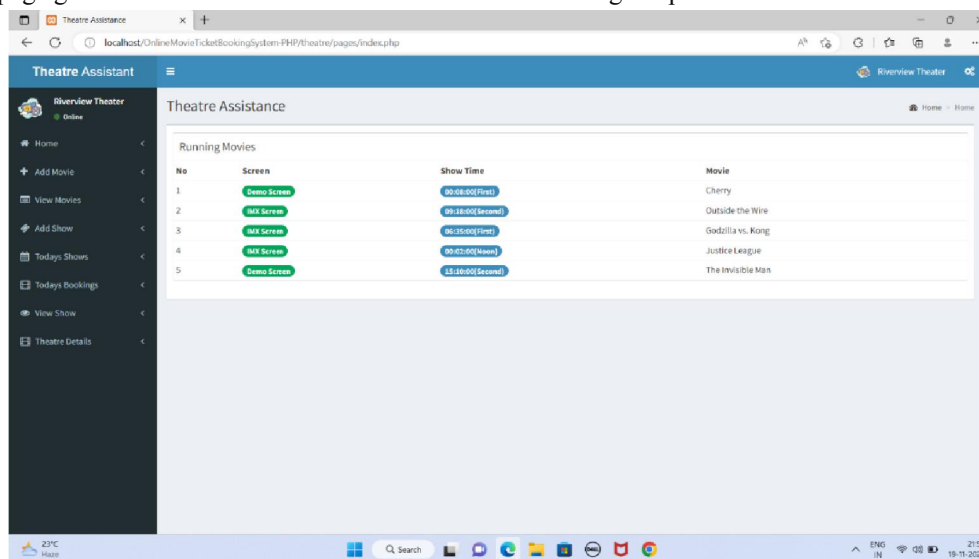


4.3 Theatre

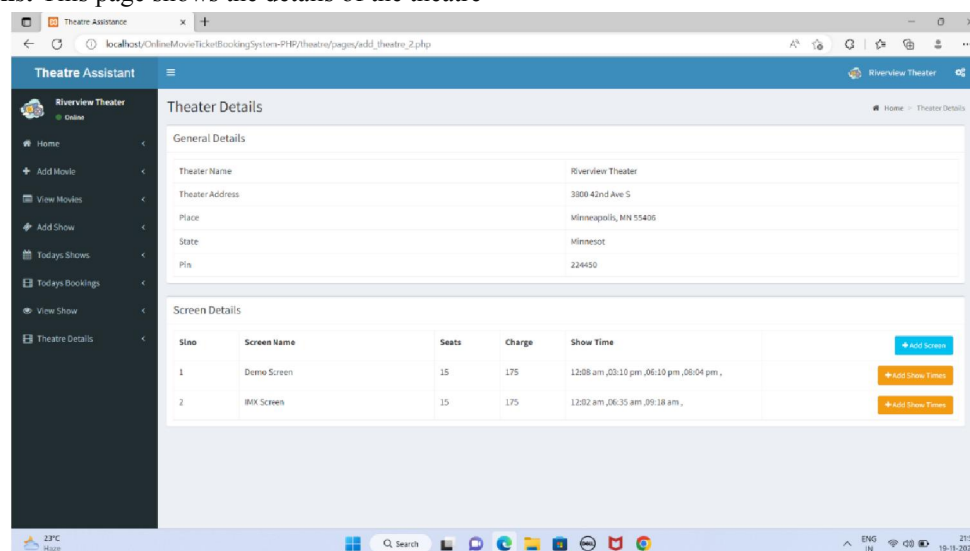
Login: The theatre management needs to login to add or delete show timings



Home: This page gives detailed information of screen and show timings of particular movie



Theatre details: This page shows the details of the theatre



V. SCOPE OF FUTURE USE

It is real-time procedure, that is, when you reserve a seat, it is immediately updated to prevent someone else from taking it. It might be more convenient to use an agent who does not use a computer, since he would have to call other agents to tell them that "seat X is taken". The user can purchase tickets in advance ensuring that they never again attend an event that is "sold out", without even going to the traditional box office.

VI. CONCLUSION

The new online system for purchasing cinema tickets provides details about the films that are now playing. Users of the system can reserve tickets online for their preferred movie, screen, show, and class. The system shows all the details of the user's reservation, and the administration controls the movie's data.

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