

E-Movie Tickets

ABSTRACT

This project is aimed at developing an online ticket reservation system for a Cinema Hall. The Ticket Reservation System is an Internet based application that can be accessed throughout the Net and can be accessed by anyone who has a net connection. This application will automate the reservation of tickets.

This online ticket reservation system provides a website for a cinema hall where any user of internet can access it. This cinema hall is a multiplex with 3 screens and each screen has three different types of classes/seats. Only 50% of seats can be reserved online. User is required to login to the system and needs a credit card for booking the tickets. Tickets can be collected at the counter.

Watching movies with family and friends in theaters is one of the best medium of entertainment after having a hectic schedule. But all this excitement vanishes after standing in hours in long queues to get tickets booked.

The website provides complete information regarding currently running movies on all the screens with details of show timings, available seats and fare charges of different classes. Seats can be reserved for different classes as well for same show and screen also. Ticket reservations are done using credit card and can be cancelled if needed.

Our online tickets reservation system is one of the best opportunities for those who cannot afford enough time to get their tickets reserved standing in long queues. People can book tickets online at any time of day or night. Our reservation system also provides option to cancel the tickets which are reserved previously.

PURPOSE:

The main purpose of online ticket booking system is to provide another way for the customer to buy cinema ticket. The Ticket Reservation System is an Internet based application that can be accessed throughout the Net and can be accessed by any one who has a net connection. It is an automatic system, where we will automate the reservation of tickets and enquiries about availability of tickets. After inserting the data to database, staff need not to worry about the orders received through the system and hence reduces the manual labor. One of the best features of the system is to refund the amount on cancellation of tickets by customer.

The goals of the system are:

- ◆ To provide a anytime anyplace service for the customer
- ◆ To provide refund
- ◆ To minimize the number of staff at the ticket box
- ◆ To promote the film on the internet
- ◆ To increase the profit

- ◆ To obtain statistic information from the booking record

DOMAIN OF THIS RESERVATION SYSTEM:

Online Ticket Reservation System for Cinema Hall is a web based application. The technology used is Java Server Pages and these are executed in Apache tomcat Server. The database used is ORACLE 8.0.

SCOPE:

The scope of this project is to provide an easy option for the customer who is willing to book tickets online for a movie. It saves his time and labor. On the other hand half of the tickets of the cinema hall are been provided for booking online. Such that labor of staff is reduced. This system can be accessed anywhere who has net connection at any time of day or night, thus providing customer's comfort. And also plays a major role in promoting the multiplex and the movies.

Keeping in view the customer's benefit, the system also has an additional functionality where the refund is available on cancellation of tickets. This is one of the functionalities where the previous systems were lacking with.

EXISTING SYSTEM:

The existing system has two ways of booking tickets for a movie:

one is to book tickets at the ticket counter of respective cinema hall and the other one is through phone called as “Telebooking”. Former is one of the hectic processes where one should stand in long queues for hours. Telebooking was introduced keeping in view the user’s comfort while booking tickets.

PROPOSED SYSTEM:

The proposed system is a web based application where one can buy tickets with just one click go. An internet user can buy tickets at any time of day or night. He will be guided with all the necessary steps to book tickets and collect tickets at the ticket counter in the website.

Also in the proposed system, customers can cancel seats at a suitable time (2 days before the show to 1hour before the show). If the customer wishes to cancel his tickets he will be given a confirmation details regarding his cancellations. As the customer buys tickets online through his credit card, on cancellation of tickets the refunded amount (30% of the amount will be charged for service charges) will be added back to his credit card account. To enhance the refund function, all the customers have to register and become a member before buying tickets so that he faces no problem while accessing the website.

Online Ticket Reservation system for Cinema Hall has three modules.

1. (a) Authentication

(b) Staff Administrator

2. Member and Visitor

3. Staff

1 (a) AUTHENTICATION:

Authentication is provided to three types of users that approaches the system. They are the visitor, member and then the staff.

1. (b) STAFF ADMINISTRATOR:

Staff administrator is one who has the whole control on the staff. He is the sole responsible of the system that accesses the system.

2. MEMBER:

Any user who has registered with the system and has a valid user Id and password is said to be a member. The member can avail all the facilities provided by the system through the credit card at their comfort. The facilities that can be availed by the user include booking and cancellation of movie tickets.

3. STAFF:

The details about the presently running movies & the upcoming movies are provided by the staff .The staff has a provision to view the present details & has every right of making changes as and when required.

REQUIRED HARDWARE:

<u>RAM:</u>	256 MB
<u>Hard Disk:</u>	10 GB
<u>Processor:</u>	Intel Pentium 4 1.7 GHz

REQUIRED SOFTWARE:

Operating System:

Microsoft Windows XP.

Database:

Oracle 8i.

Tools:

Edit plus, MS-Front Page.

Language Requirement:

JDK 1.4

Design Convention:

Rational Unified Process.

Web server:

Apache tomcat 5.0

Others:

JSP, Servlets