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CINEMAX: ONLINE MOVIE TICKETING SYSTEM

Shreya Jirapure[1], Sonali Dhalwar[2], Parag Khandalkar[3], Prof. A.P. Bakshi[4]

[1] *Shreya Jirapure, Department of Computer Science and Engineering , Jawaharlal Darda Institute of Engineering and Technology, Yavatmal, Maharashtra, India,* ***shreya15jirapure97@gmail.com***

[2] *Sonali Dhalwar, Department of Computer Science and Engineering , Jawaharlal Darda Institute of Engineering and Technology, Yavatmal, Maharashtra, India,* ***sonali038dhalwar@gmail.com***

[3] *Parag Khandalkar, Department of Computer Science and Engineering , Jawaharlal Darda Institute of Engineering and Technology, Yavatmal, Maharashtra, India,* ***paragk106@gmail.com***

[4] *Prof. A.P. Bakshi, Department of Computer Science and Engineering, Jawaharlal Darda Institute of Engineering and Technology, Yavatmal, Maharashtra, India,* ***Bakshi.aditya.ab@gmail.com***

Abstract

This System is basically a more easy way to book tickets for the movie. It provides an interface for users to manage a multiplex ticket booking process. On the front end we have used PHP and SQL Server on the back end. It has continuity, reliability and most importantly, to ensure the accuracy of the information feed into the database verification provided with well-designed forms of income through the scene. User-friendly menu-driven interface for the user to interact with the system have been provided. User's access rights users have installed provided can cross through the website as well as mobile application. Users can then use the services of the website via a registration form can register themselves. The system is currently running at Audi are designed for watching movies and watching movies, while it also offers combo pack, which provides integrated environment for the customers. This paper discusses Ticket booking reservation system, its advantages, challenges, implementation, methodology, applications. Ticket booking system is a standalone system in which each Theatre uses its own system and disconnected from other Theatre and used by customers and employees to book tickets for movies. It increases customer satisfaction and efficiency but it also increases the competition among different Theatre. There are various issues involved too like security issues. Thus the technology used to implement these systems, various modules used, systems used and testing methods used when these technology are implemented. It also discusses ways to improve the system by integrating and interacting with other corporates.

Keywords: *online payment system, online registration, database, android application.*

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1. INTRODUCTION:

New cinema ticket booking website and application designed to welcome, in particular better to make your booking experience design a faster, cleaner and a little more private website. If time permits, leave your valuable opinion, log on to navigate and find out for yourself. Customers of any movie can view the contents of any show at any time as needed to book tickets for film. It uses flexibility, security, cost and ease of convenience in terms of improved end-user experience.

The system thereby further the program automatically calculates the subtotal and grand total fairness and transparency in the distribution of tickets to improving controls and security management tools will make use of advanced fraud. A visitor finally decides to book tickets, the purchaser's name, address and order information, including billing instruction is securely stored in the database and has been paid.

This System is aimed at developing an online ticket reservation system for Cinema Halls. 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 and enquires about availability of the tickets. This application includes message confirmation for the tickets.

2. RELATED WORK

Diogo Antunes, Jo˜ao Lima, Gonc¸alo Pereira, Nelson Escravana "NFC4Sure: Mobile Ticketing System" proposed a modern public transportation ticketing systems are now evolving from the usage of contactless smartcards to

mobile devices based on Near Field Communication and Host Card Emulation. NFC4Sure ticketing solution proposed in this work integrates seamlessly with existing ticketing technologies, without requiring a hardware secure element in the mobile phone and a permanent online interaction [1].

Z. Kfir and A. Wool, "Picking virtual pockets using relay attacks on contactless smartcard," in Security and Privacy for Emerging Areas in Communications Networks, proposed, A contactless smartcard is a smartcard that can communicate with other devices without any physical connection, using Radio-Frequency Identifier (RFID) technology. Contactless smartcards are becoming increasingly popular, with applications like credit-cards, national-ID, passports and physical access. The security of such applications is clearly critical. A key feature of RFID-based systems is their very short range: typical systems are designed to operate at a range of ≈ 10cm.

In this study this shows that contactless smartcard technology is vulnerable to relay attacks: An attacker can trick the reader into communicating with a victim smartcard that is very far away. A "low-tech" attacker can build a pick-pocket system that can remotely use a victim contactless smartcard, without the victim's knowledge. The attack system consists of two devices, which we call the "ghost" and the "leech [2].

Thus in existing system of a movie ticketing system customers are not able to book the ticket before one day, customers not able to rate the movie.

3. PROBLEM STATEMENT

The present conventional method of ticketing is tedious. Since the volume of commuters is very high, manual ticket buying concept involves a lot of time, effort and manpower. This system is highly unsuitable when there is a huge rush of people and many times, lot of people fail to catch movie shows.

The basic aim of problem analysis is to obtain clear understanding of the needs of the clients and the users, what exactly is desired from the software, and what the constraint on the solution are. Analysis leads to the actual specification.

4. PROPOSED SYSTEM

Online movies ticket booking reservation provides ticket booking for the film, seat management, ticket cancellation and payment services. The system will be so simple and attractive which will make the audiences/viewers comfortable to use and choose their movie along with desired seat no and seat position.

4.1 Admin module:

The Admin has full access to the system. The Admin can graphically view all the details, and he has the authority to change the Cost of tickets, ticket Availability and much more. The owner is provided with an id and password.

4.2 User module:

In User profile, the user can check the availability of tickets and their category. The category can be silver, gold or platinum and they can also book their ticket according to their budget and need. User profile contains their name, Contact details, address, and other necessary personal data, etc.

4.3 Ticket Booking:

The user can quickly search for the desired movie and the number of seats from the various options available .This all will be so user-friendly that the audience will not find any trouble in booking the movie ticket**.**

4.4 Screen module:

This module will help the viewer to see the details of the movies available for the show. He can even search for any specific film. The number of seats available will be displayed to the viewer along with their timings and the cost of different types of tickets.

4.5 User Interface (UI) of online movies ticket booking:

The user interface of online movies ticket booking is an essential part of the system. This helps every member of the order to interact with each detail correctly. As we have shown several use cases in this system. We have developed these interfaces to interact with the system.

4.5.1 Login Page:

Owner or manager needs to log in using login id and password.

4.5.2 Viewer Page:

Viewer can view their details as well as Booking details.

4.5.3 Manager Page:

He can make an online booking of the available seats for any movie.

4.5.4 Payment Page:

This interface helps in paying the money via several modes.

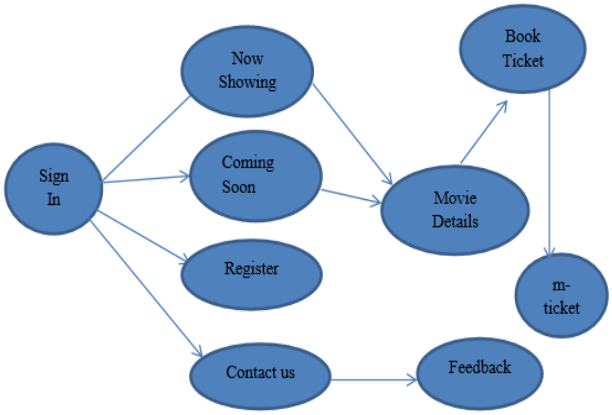

Fig-1: Flowchart of CINEMAX: Online Movie Ticketing system.

A customer now able to:

- login to the system through the first page of the application change the password after logging into the system.
- See his/her current reservations on different movies Along with the details.
- choose the seats which are available for a certain class.
- Can select seats from different classes as well for same show and screen also.
- Give details about the credit card.
- A message should be sent to the concerned person about the confirmation of the ticket to the specified mobile number.
- The login Id and password should be sent to the mentioned.
- Email address if a new account is created.
- The system should automatically show the fare for the corresponding shows and amount of money needs to be paid for selected seats.
- Can view the trailer of the movie.
- Can get the confirmation of their booking through an email.

5. SPECIFICATION

A. Minimum Hardware Requirements:
•A PC with Processor-Pentium-3, Speed-1.1 GHz
•RAM: 2GB
•Hard Disk: 4GB free space.

B. Software Requirements:
•Operating System: Windows XP/7/8/10
•Database: MYSQL
•Database connectivity: JDBC
•Server: Apache Tomcat 5/6
•Scripting: Java, HTML, JSP
•Server Side: JavaScript
•Java Version: JDK 1.6

6. CONCLUSION

This paper proposes the web based online system which is time saving for the customers by booking the tickets online. This system is designed using modern system architecture to cope with changing requirement. This web based system also implemented as a mobile app which can be accessed by the customers to book tickets online and to have information about the newly released movies. Thus, Cinemax website and system relieves the people from such difficult task Of stand in queues waiting outside the theatre to book tickets.

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