Movie Ticket Booking System

Project by –

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**Existing System-**

The movie ticket booking system is complex and getting more every year. A movie ticket booking system is a collective term for software that helps streamline movie business operations. There are many online booking system available but for offline booking system there exist disadvantages or missing features. It’s plain to see that an awful lot of time is taken up handling phone calls from people looking to book, explaining options to customers and managing schedules .The demands of a phone-based [booking system](https://www.bookinglive.com/) require a member of your staff is constantly available to handle bookings. Offline Booking might not consider this a problem with customer service staff on hand, but consider the man hours which could be released by moving to an online booking platform.

**Problem definition – Need of computerization –**

I tried to make the problem more obvious. Because of the fact that the project is in abstract state now, we tried to concretize the project. To achieve that, I tried to think about the similar software examples that are used in real life, like bookmyshow. One of the reasons to do that was to draw the borders of the problem, how much I can achieve. After drawing the borders of the problem we divided the solution into several parts, which may change during the development of the project:

**Online Booking -** customers will be able to book their tickets via internet.

**Statistical Analysis -** In this part statistics about the products and their sales will be generated. These statistics will be displayed by graphics. This is an extra part for the problem solution in order to ease the sales management.

**Customer Profile -** This is another extra part in order to know the customer and his/her preferences better. The information such as customer’s name, address, phone number, will be held in database.

**Database Management -** At the moment we are going to use SQLite as database management system. Database will hold the information and data coming from online booking system, hand terminals and customer profiles. Database management is going to be the most frequently used part of the project.

**Proposed system –**

### I propose a system which is more reliable, entertaining and easy than the present system. This solution targets those users who do not have spare time to stand in queue for booking tickets. I propose an easy way of ordering and paying for the tickets without any delays and inconvenience. Book tickets to people who, without his physical presence is assured of a ticket before going to the theater. Customers who book tickets on their mobile phones, an instant messaging (m-ticket) will receive. By splashing the M- ticket at the counter of the multiplex, the client can receive physical tickets. No longer issue tickets to staff at the multiplex complex manual ticket availability and tracking system is needed. Ticket information can be accessed at any time for verification, which is safely stored in a database.

### MODULES

* + - **Module 1: Login Module**

In login module the customer and restaurants login will be taken while they already registered on the application. Every manager/user will have login id and password to login to the application.

* + - **Module 2: Registration Module**

This module is displayed to the visitors if they need to perform some booking and new registration. This module is optional.

* + - **Module 3: Add/Update/Remove Menu**

This module is for admin. Admin have rights to insert, update (modify) and delete the data in database as per his/her necessary requirements

* + - **Module 4: Account Management Module**

There will be an account manager who will manage all the online order transaction and he/she will be responsible for issuing printed copy of customers payment receipts.

* + - **Module 5: Cinema Tracking Module**

This module describes the current location of any particular area over the usage of internet connectivity and GPS. This module is useful to find the location of theatres.

* + - **Module 6: Confirmation Module**

The activity is performed by customer itself whose selection is already done.

* + - **Module 7: Messaging Module**

The private window for conversation between customer and customer executives will be given inside the application where they can ask about any kind of queries to the executives 24/7.

* + - **Module 8: Logout Module**

The last module describes that after placing order or performing some actions on the application the customer will click logout profile.

**Objectives of system –**

Cinema being the modern society social, economic and cultural influence is a serious incident, the most popular out-of-Home is one of the cultural activities. Cinemas are considered integral to the cities and they contribute to the definition of local geography and identity are. For many individuals, a common reference or landmark that serves as associated with a particular location constitutes a significant social and cultural practice since they also contribute to the preservation of the collective memory. Through this project we multiplexes offer a comprehensive solution for ticket booking. Theater management system, easy to understand, easy to use and fast for customers that provides point-and-click simplicity of the service is an online ticket selling software. This powerful software program specifically for online ticket seller, is designed for theater owners. The intuitive visual interface refund, exchange, and for both users and administrators quick and easy reporting, day-to-day aspects of selling makes. Theater management saved in a database of all the back-end functionalities movie details, ticket rates, and show time, customer information and sales history, such as, etc theater administrator intelligent counter reports daily, weekly, monthly reports and film-like details of the report Reports that manages controls etc.

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

**User requirements –**

Allow users to book tickets for cinema halls online, through which they can book tickets anytime, anywhere. The user can easily be able to know about the movies released and then make the choice.

**Operating Environment – Hardware and Software –**

Booking information consists of a text which is kept in the database: Combo-cost, user name, seat type, a ticket cost of the seats and the net amount due to be paid by the customer, has been. The database is modified when the user books a ticket. Customer’s items from the combo item to add or remove more of the same item allow one to be presented with the booking page. Booking page of the seats for a customer costs and net dues tickets, service charges will be applied, to be booked, to be booked seat-type shows. Customers have their bookings when they would check using the payment information page. This page collects data about the customer, his bank name, his credit card number, credit card type, address, telephone number, mobile number, and CVV information.

* At least 2GB of RAM.
* Android 7.0 and above
* Language : Java
* SQLite3 Database

**Advantages –**

* Convenient online ticket booking through the Internet, which in turn leads to more, and repeat Customers and shorter queues.
* Online Brand extension by projecting a tech-savvy image, and appealing to Generation Y consumers who spend a lot of time browsing the Internet.
* The Club Class memberships through the portal have built successful and lasting relationships with customers who are provided with special services like contests, loyalty points and redemption against exciting gifts, home delivery of tickets at a nominal cost, online account maintenance and more.
* Access to information and other movie-related promotional news through the newsletters.

**Limitations and Drawbacks –**

##### **1. Can come at a cost -**

One of the major disadvantages of online booking systems is that, for all their positives, they do come at a monetary cost – don’t believe the promises of free online booking systems.

Some charge you per transactions, whilst others charge a flat monthly fee, so you’ll always know how much you’re paying. Custom made online booking platforms will charge you a hefty lump sum up front, as well as recurring costs for bug fixes and support.

##### **2. Requires internet access -**

Though internet access is widespread these days, it remains true that one of the major disadvantages of online booking systems are their reliance on internet connections. In order to book through an online booking system, your customers will have to have access to the internet. This can be on their smartphone, tablet, computer, laptop or any other internet-enabled device.

**Future enhancement –**

The project Movie Ticket Booking System is flexible enough to meet the requirements of users. The project also has the scope of enhancements like :

* Online booking of purchases of eatables like popcorn, cold drinks, etc can be provided.
* Group Booking : An institute/company can book the tickets for students/clients and special discount will be provided to them.

**Conclusion –**

Finally, in Online movies ticket booking, we have developed a secure, user-friendly online movie ticket Management reservation System. This System can take care of each member whether it’s Owner or viewer.

This System will help them to properly manage the system and aid in growth without creating and hassle. This System is completely secure since every user is provided with user ID and Password, so there is no chance of any unauthorized access.

Online Payment, Booking, and cancellation make it easier to use. So, using this system will help in reducing the labor and provide more facility for viewers who will increase their level of ease as they can do everything from anywhere at any time.

So, the system is beneficial for the viewers.

**Reference and bibliography –**

wikipedia.org

gliffy.com