



# JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH (JETIR)

An International Scholarly Open Access, Peer-reviewed, Refereed Journal

## A New approach for online movie ticket booking system

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**Abstract :** The main role of making the online movie ticket booking framework is to make a programmed online based framework which will give a simple and a substitute method to book a ticket for a movie. The client should enter the data identified with movie after which the framework will give alternatives to book the ticket. Right now Ticket Booking System, the staff of the movie lobby won't need to do anything for the ticket booking as the procedure will be finished by the client through the web which will lessen the measure of staff required in the booking counter. Online Movie Ticket Booking is helpful for the two advertisers and Users similarly. Users can make online ticket booking at any occasion of 24 hours per day. What's more, as this is an online application along these lines they can purchase ticket from anyplace around the globe. Users with movie site to think about new motion pictures, show timings and movie areas. Client can purchase tickets without burning through their time. Theatre owner can inform to users about new release and discounts and also can get feedback from user. In this project I include various types of classes in theatre (e.g. first class, second class, third class). Based on the movie certification the peoples were allowed inside the theatre to see the movie. In this project I provide the facility to book tickets in festival time that is for prime users more number of tickets can be shown and they can buy a ticket easily with the use of it.

**Keywords:** user, online, movie, ticket

### I. INTRODUCTION

Movie Ticket Booking System is based on the concept of booking movie tickets. There's no login system available for this system, the user can freely use its feature. This project contains limited features, but the essential one.

Talking about the features of this Simple system, the user can book movie tickets. For this, the user has to select a movie name, enter customer details such as name and phone number. Then the user has to enter seat number. After this, the booking is done. The user can also change the ticket price and view reservations by entering the admin password. The last feature of this project is about canceling the tickets which can be done by entering the booking id.

The system does not create an external file to store the user's data permanently. This system is in C Programming Language and different variables, strings have been used for the development of it.

Online Movie Ticket Booking system is basically made for providing the customer an anytime and anywhere service for booking the seat in the movie hall and to gather information about the movies online. The user can easily be able to know about the movies released and then make their choice. Going to movies has been the culture of almost all the families of today's generation. It is a time when the family can spend some time altogether by stealing some hours from their busy schedule. Movies help in contributing in our daily memories as they provide an essential part of our culture. The project Online Movie Ticket Booking system is a web based application that allows the movie theatre owner and the viewers to handle all the movie activities online quickly and safely. Using this system the owner doesn't have to sit and manage the entire activities on paper. And at the same time, Owner will feel comfortable to keep a check on the movie. 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. This System will give them power and flexibility to manage the entire system from a single online portal. Online movies ticket booking reservation provides ticket booking for the film, seat management, ticket cancellation and payment services. The system allows the Owner to check the Progress of ticket reservation from interactive Graphs.

The objective is to provide facility to book movie tickets anytime and from anywhere. The main aim is to minimize the number of staff and provide 24x7 service to the customer. The main objective of the project on Online Movie Ticket Booking system is to manage the details of Movie, Tickets, Booking, Show Timing, and Customer. It manages all the information about movie, customer. The project is totally built at administrative end and thus only the administrative is guaranteed the access. The purpose of the project is to build an application program to reduce the manual work for managing the movie, tickets, booking. It tracks all the details about the booking, show timing, customer.

- **Feasibility Analysis:**

Feasibility study is done so that an ill- conceived system is recognized early in definition phase. During system engineering, however, we concentrate our attention on four primary areas of interest. This phase is really important as before starting with the real work of building the system it was very important to find out whether the idea thought is possible or not.

- **Economic Feasibility:**

Among the most important information contained in feasibility study is Cost Benefit Analysis and assessment of the economic justification for a computer based system project. Cost Benefit Analysis delineates costs for the project development and weighs them against tangible and intangible benefits of a system. Cost Benefits Analysis is complicated by the criteria that vary with the characteristics of the system to be developed, the relative size of the project and the expected return on investment desired as part of company's strategic plan. In addition, many benefits derived from a computer-based system are intangible (e.g. better design quality through iterative optimization, increased customer satisfaction through programmable control etc.)

- **Technical Feasibility:**

During technical analysis, the technical merits of the system are studied and at the same time collecting additional information about performance, reliability, maintainability and predictability. As the software is very much economically feasible, then it is really important for it to be technically sound. The software will be built amongC programming only.

- **Operational Feasibility:**

The project is operationally feasible. This project is being made for the convenience of the theatre owners and viewers only. This system will greatly reduce a huge burden of theatre owners and viewers. So because of the above stated advantages the users of the system will not be reluctant at all.

## 1. Problem Definition

Problem solving is not possible if we do not know the problem which is to be solved. So, defining the problem is very important task. Up till now all the activities of the movie ticket booking processing was performed manually, it requires more human efforts to manage the each and every aspects of multiplex which is very costly process. To overcome all kind of problems being faced by movie ticket booking processing in various multiplexes I develop movie ticket booking project. This project "Online Movie Ticket Booking System" will provide efficient and cost effective solution and always have possibilities of enhancement up any legal extend to satisfy user requirement.

## 2. Existing system

In the existing system, the Customer has to visit movie hall for booking seats. Further they do not even have the information about the movie which is in the movie hall, its show time and different rates of the ticket. Even the customer may not be able to get information about different movie hall available in the city. Further movie hall owner has to hire large number of staff at the counter for selling tickets. Enquiries about movie, etc. Today, there are many web based frameworks are accessible which gives the online booking of a movie ticket, yet the discount isn't a simple procedure while in the current framework once somebody has picked the seats they can't transform it. The user who has booked the ticket needs to go to the booking counter because there is no electronic ticket system, so the customers have to wait in the queue. In this existing system there is no concept for prime user and non-prime users. The prime users can book the more tickets in festival time and offers can be provide for prime users.

## 3. Proposed system:

In order to conquer the existing problem I make this framework as online where each data about any movie hall, movie, theater and rates can get online which causes the client to show signs of improvement offices at his own Personal computers or Laptop. The online movie ticket booking system will provide facility to book tickets for a movie online. A user can book tickets whenever and anyplace as the framework will be online based. The Online Movie Ticket Booking System will provide detailed information so that a user can know about the movie and based on the information customer will book the ticket. The user can search for the movies which will be going to discharge later on, so they will have an alternative to book the ticket ahead of time. The Online Movie Ticket Booking System will make the user experience much better than the present system. The Online Movie Ticket Booking System will provide a much better experience for booking of movie tickets. If seats are available, the user can change the position of the seats while they will get an option to cancel of tickets. In this project there is prime and non-prime user. The prime users can book the more tickets in festival

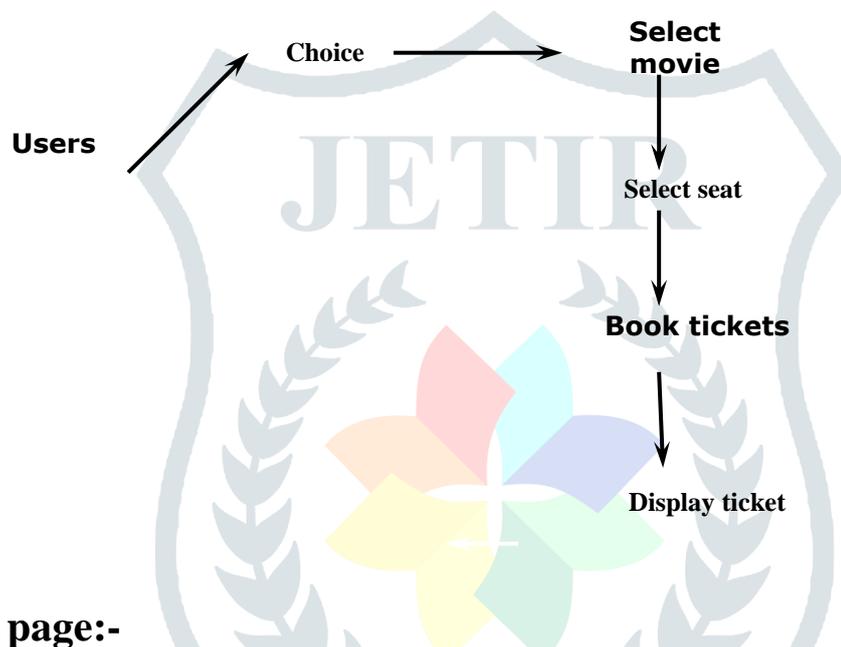
time and offers can be provide for prime users and also during big stars film releasing prime users can buy more number of tickets. To become a prime user the user should pay some amount

### Advantage:

- i. Provide detailed information about movies, shows, etc.
- ii. Provides the searching facilities based on various factors. Such as Movie, Customer, Show timing, etc.

## 4. Results and discussion

### 4.1 Manual Process



### Home page:-

```
C:\Users\mishr\AppData\Local\Temp\Temp3_SIMPLE_MOVIE_TICKET_BOOKING_SYSTEM.zip\SimpleMovieTicketBooking_C Programming\SimpleMovie... - □ ×
Simple Movie Ticket Booking System
-----
1- To edit price of ticket (only admin):
2- To view reserved tickets (only admin):
3- To purchase ticket:
4- To cancel the seat:
5- Exit system:
-----
Enter your choice: _
```

**ADMIN VIEW:**

```

Simple Movie Ticket Booking System
=====
1- To edit price of ticket (only admin):
2- To view reserved tickets (only admin):
3- To purchase ticket:
4- To cancel the seat:
5- Exit system:
=====
Enter your choice: 1
Enter the password to change price of ticket: pass
Please enter new price: 340
Press any key to continue

```

**ADMIN VIEW SECOND:**

```

Customer : arun
Date      : 29-04-2019
Time      : 08:00pm
Hall      : 02
seats No. : 99
price     . : 340

=====
Simple Movie Ticket Booking System
=====
1- To edit price of ticket (only admin):
2- To view reserved tickets (only admin):
3- To purchase ticket:
4- To cancel the seat:
5- Exit system:
=====
Enter your choice: 2
Enter the password to see details: pass
seat no: 99 is booked by arun booking id is 1000
Press any key to continue . . .

```

**REVERSE MOVIE TICKET BY USER:**

```

-----
which movie you want to see?
-----
press 1 for Avengers: EndGame
press 2 for Captain Marvel
press 3 for Spider-Man: Far From Home
-----

```

- i. At first there is three choice for user only (3,4,5)  
At 3 number choice **“to purchase the ticket”**.  
At 4 number choice **“to cancel the ticket”**.  
At 5 number choice **“exit system”**.
- ii. **To purchase the ticket**-user select the movies that available in theater then go to screening part first enter the name of candidate and phone number and last enter the seat number that is available at below of screen.
- iii. Finally the book ticket and display the final ticket.
- iv. For exit the app enter the last choice.
- v. **To cancel the ticket** user must know the ticket ID that available in ticket and enter the ticket ID then cancel the ticket itself.
- vi. At last there is two option for admin only(1,2)  
At 1 number choice **“to edit the price of ticket”**.  
At 2 number choice **“to view reserved ticket”**.
- vii. First **edit the price of ticket** admin must know the password the enter the password and edit the price of ticket.
- viii. For **view the reserved ticket** enter the password then see the reserved ticket.

## 5. Conclusion

Nowadays, traditional reservation ways of movie ticketing is dying. Its new age where technology dominates human life. With the software and technological devices, exceptions are reduced and even terminated. Also, people prefer easy, quick and safe way for every part of his life. This project is designed to meet the requirements of a movie ticket booking system. In this project: with this movie ticketing system; movie companies can satisfy comfortable facilities to their customers. The relationship between movie manager, employee, and customer satisfy a good communication to complete ticketing process. With this platform I developed, I hope to reduce time wasting, avoid misunderstandings, provide easy data flow, customer pleasure, and less hard work.

## 6.Features:

- Booking tickets
- Cancel tickets
- Change ticket price
- View all booking records.

## 7.SYSTEM REQUIREMENT:-

- i. **Hardware Specification**
  - Processor-7th generation i5
  - Ram-8GB
  - Hard disk- 1TB
- ii. **Software Specification**
  - Platform - Windows 8,10,11.

## 8. References

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