



SURVEY PAPER ON ONLINE MOVIE RESERVATION

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ABSTRACT:

This project 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 Enquiries about availability of the tickets. Online movie ticket booking system is measurable, cost effective and has very good user interface. This system is useful for both promoters and consumers easily. Admin can use the database to update the information.

Keywords – Databases, Programming, Responsive, System, Module, Registered

I. INTRODUCTION:

Making a queue for buying movie tickets is simply waste of precious time. And if you are planning to watch the most awaited film of the year, don't even hope to get a ticket. This is where online movie ticketing platforms come in. This project is aimed at developing an online ticket reservation system for Cinema Halls. The Ticket Reservation System is an web based application that can be accessed throughout the Net and can be accessed by anyone who has a net connection [1]. The customer can buy ticket online and cancel the seat at the suitable time. To enhance It has responsive front-end and latest movies are available and the refund collection all the customers have to register to become a member before buying the ticket [2]. The system is to provide an alternate and convenient way for a customer to buy movie tickets. The databases are updated securely only by the admin [3]. Customers can buy ticket without wasting their time. Cinema owner can inform to customers about new release and discounts and also can get feedback from customer. This feedback will be helpful for him to make new strategy for business.

1. Scope for the system:

- 1.1. To allow customer and admin to login successfully through the application's first page.
- 1.2. The customer will be able to gather information about newly released movie and make his/her decision.
- 1.3. To allow customer to book ticket online.
- 1.4. To allow customer to rate the movie.

2. Main Modules of the system.

- 2.1. Enquiry- This module contains information about the movies fetched from the database and option for booking.[2]
- 2.2. Booking- In this module customer can book ticket, do payment and rate the movie if registered.



2.3. Cancellation- Customer is allowed to cancel the ticket and refund facility is given.

2.4. Admin- In this module only admin has the permission to update the details of the movie and theaters.

3. Existing System: The existing system of an online application has features like booking tickets online, to know the information of the movie(cast and crew information)[4]. Customer can view the trailer of the movies. Customers get the confirmation of their booking through an email.

4. Characteristics of system:

Online ticket booking platforms are not only covering all major cinema chains but also expanding to offer tickets for events, theater and sports.[5] Such platforms technically run over a ticket booking software, but there are a lot of other details that makes these systems such a success.

4.1 The business model of movie ticket is user friendly and very simple. It helps people book movie tickets online and for every ticket booking, website charges money.

4.2 The look and feel of the website is very lively. This system has responsive front-end, the view is attractive to increase user engagement. [6]

4.3 This system has strong online presence with regular updates and content sharing. The latest and most awaited movies will be available to the customers.

4.4 This system enables payments through debit cards, credit cards, net banking and quick cash options. The whole process is very easy and highly secured so that visitors don't hesitate before making a booking through this portal.[5]

4.5 This system have a highly sophisticated back-end panel with simple and intuitive interface which allows only admin to

4.5.1. Change Booking settings

4.5.2. Manage Reservations

4.5.3. Add movies

5. Requirements and specifications:

5.1. Functional Requirements:

A customer should be able to

5.1.1. Login to the system through the first page of the application change the password after logging into the system.

5.1.2. No reservation before one day can be done.

5.1.3. See his/her current reservations on different movies along with the details.

5.1.4. Able to choose the seats which are available for a certain class.

5.1.5. Can select seats from different classes as well for same show and screen also.

5.1.6. 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.[7]

5.2. Non-Functional Requirements:

5.2.1. Reliability: The capability to maintain the specified level of performance is called reliability. This application is a web based application that runs on any device that has a browser.

5.2.2. Availability: The application will be available for 99% of the time and Security: The business logic is hidden from the users and is much safer and thus avoids unauthorized or illegal access or database corruption. Security of the user's information, as there is a login facility.

5.2.3. Maintainability: Maintenance is typically done after the software development has been completed. As the time evolves, so do the requirements and needs.[8]

5.2.4. User friendly: The system should be very easy to be used by the customer. All the modules should be understandable and efficient[11].

5.2.5. Responsive: The front end should be responsive so that it can run in any platform like mobile, tablet or desktop.

5.2.6. Security: The details of the customer should be secured by using login concept. The databases should be secured and can be updated only by admin.

6. Software Requirements

6.1. Operating System : Windows XP/7/8/10

6.2. Database : MYSQL

6.3. Database connectivity : JDBC

6.4. Server : Wamp server 2.0

6.5. Scripting : PHP, HTML, JS, CSS

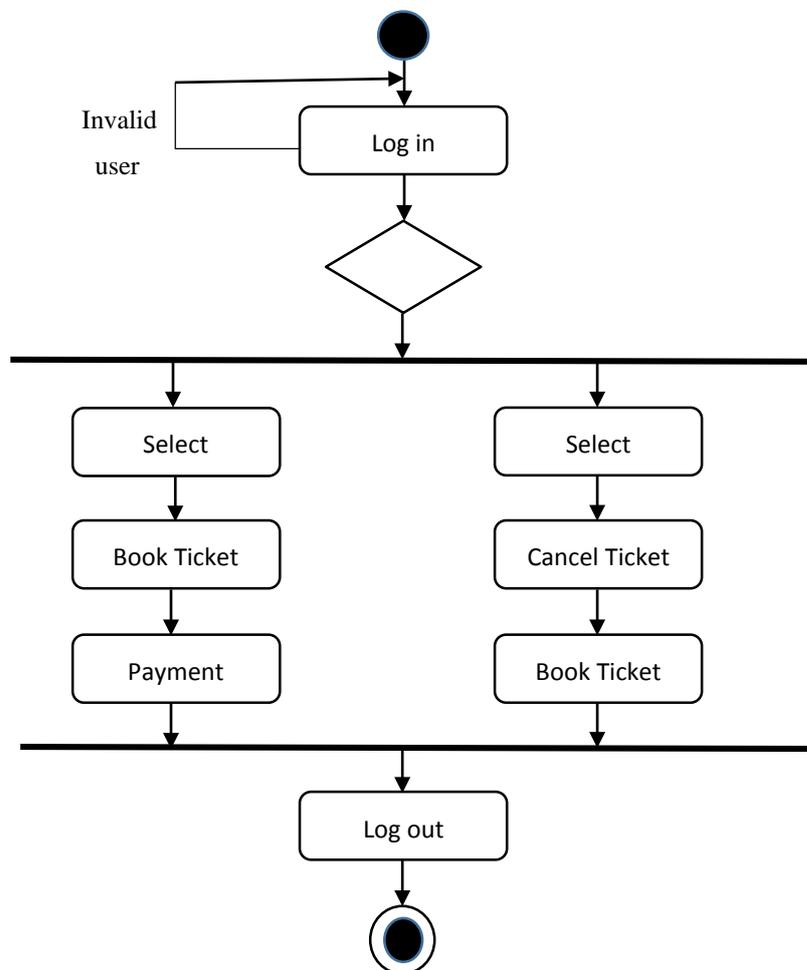
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7. Acknowledgement:

This system gives facility to book tickets online. Customer needs to register at the site to book tickets. After selecting the show, the user is presented a seating layout so that he can select seats of his choice if registered. Thereafter he is directed to the payment gateway for making transaction.[9] Customer can cancel his ticket by giving required information in cancellation module. The information stored in databases can be updated only by admin.

II.FIGUERES:

Fig.1: Activity diagram



III.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 [10]. This web based can further be 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. Customer can book ticket very easily for the latest and most awaited movies.

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