



ONLINE MOVIE TICKET BOOKING SYSTEM

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Abstract

The primary goal of creating the online movie ticket booking framework is to create a programmed online framework that offers a straightforward and alternative way to purchase a movie ticket. After the client enters the movie-related data, the framework provides options for booking a ticket. With the current ticket booking system, the customer completes the process online, saving the cinema lobby personnel from having to handle any ticket booking tasks. This reduces the number of employees needed at the booking counter. Both users and advertising may benefit from online movie ticket booking in comparable ways. Customers may purchase tickets online whenever they want, 24 hours a day.

I. INTRODUCTION

Motion picture ticket booking in web framework is essentially made for giving the clients an anytime and anyplace benefit for booking cinema tickets and giving data with respect to motion pictures and their online plan. Due to extend in innovation and digitalization online motion picture framework has become much more popular. Rather than sitting around idly in lines of motion picture counter, it gives simple and productive way to book the tickets online. It is very interest to sit at home browse the motion pictures which have been discharged, perused the survey and after that book the tickets concurring to our possibility. Online cinema ticket booking framework is really in activity for the final 15 a long time but it picked up its notoriety after 2004 and its reach expanded a few folds within the past 6-10 a long time since of expanding net openness. The most point of the framework is to supply complete information of the motion picture and plan to the client, according to which he/she can book the tickets. The essential reason of making the online cinema ticket booking framework is to make an programmed online based Framework which can give a straightforward and an substitute way to book a ticket for a motion picture. The client will got to Enter the data related to film after which the framework will give choices to book the ticket. In this Online Cinema Ticket Booking Framework, the staff of the cinema lobby won't have to be do anything for the ticket Booking as the method will be done by the client through the web which will decrease the sum of staff Required within the booking counter. Booking Framework will give point by point data so that a client can know approximately the motion picture and based on The data client will book the ticket. The client can be displayed with a booking page, which permits them to include more of the same items or evacuate things from the combo things. The booking page also appears the situate sort to be booked, no of seats to be booked, benefit charges to be connected, ticketing taken a toll and net payable sum to the client. With the advancement of innovations, expanding digitalization, and increasing social organizing, data sharing on internet has become very. As a result of that all the online framework has ended up exceptionally well known within the final 6-10 a long time. Concurring to the biggest online buy happened in Asia Pacific. Discourses and utilize of online framework has ended up much more visit than the offline one. Motion picture booking framework is one such trending framework presently a day. It gives the client to online browse and book motion picture tickets. With the increase in technology there has been parts of advancement in online booking framework. Clients are presently able to see the seating arrange and they can too book refreshments online. There are moreover frameworks through which clients can affirm their ticket and pay whereas entering to the lobby. Digitalization is one of the foremost amazing results of innovation. It has given simple



accessibly of all the resources available. Sitting around idly within the lines of motion picture theater has been ruled out due to online framework. Too, surveys can be effortlessly read online so that client can get a clearcut picture almost the motion picture. Online installment has too expanded E-Banking.

II. LITERATURE REVIEW

We explore various movie booking sites and apps. In our research, we mainly focused on the online systems of countries such as the United States, England, Dubai, Singapore and India. In our search and research, we mainly focused on the platform and framework in which the application is developed. Various features related to other systems were also analyzed to get an idea of which features are already implemented and which features can be added to the system. During the last 18 years in South Africa, the seed of the idea for my show was planted. The site was founded in 1999 and since then it has been one of the most famous online movie booking systems. The site gained its popularity mostly between 2006 and 2010. Book My Show was awarded "Hottest Company 2011-2012" and "Company to Watch" at the prestigious CNBC Young Turks Awards In May 2016, BookMyShow was awarded "Best Omnichannel Customer Experience Brand " by One Direct Customer Experience (QuestCX). Awards website provides detailed information about films about. There are columns where reviews can be added and published on the site. These types of features are common in almost all websites available. User login and registration are other functions that allow the user to have authorized access to the website. You can easily confirm your location and pay through an online payment portal that is still connected to the banking system. The site is also divided by different cities, so searching for a theater in a certain area is quite easy. With the growing online system, one thing has also become popular namely offers and discounts. The site also offers various offers that can be applied using a coupon code. Many more mobile coupon codes have been added to increase the app traffic. Trailer videos, games, offers and events are other website plugins that add functionality. To date, the site has 34 million app downloads, 10 million tickets sold per month, and 3 billion page views per month. Founded in 1993, Golden Village Pictures (GVP) is Singapore's leading independent film distributor. It has long been seen that entertainment is very popular in some smaller countries like Singapore and Dubai. GV is considered the backbone of Singapore's film system. It has 11 multiplexes with 92 screens at different locations. Founded to develop and operate state-of-the-art luxury movie theaters, Golden Village is the first local movie theater to personalize the movie experience with its Movie Club program. In 2016, GVP brought SULLY and PASSENGERS, both produced by Village Roadshow Pictures, and Jackie Chan's RAILROAD TIGERS. If we look at the software part, it uses responsive web design with Bootstrap. The backend is supported by Python and Django database connection. Express check booking and check purchase are other ways to book tickets. Merchandise, movie coupon code and cards, company are other modules and features of the website. The site also displays posters and trailers for upcoming movies. Cinema Online is the brainchild of two enterprising individuals who aim to revolutionize the cinema world in Singapore. The website www.cinema.com.my first hit the screen in October 1998. It has since grown to thousands of pages of content. You can browse and find the latest local or international film events. News, reviews, previews and competitions are its highlights. All this from the humble beginnings of the Cinema Show days, **which now covers almost ALL cinemas in Malaysia and as always, is updated daily for your convenience.** It includes Home, Movies, Lists, Features, Trailers and Showtimes. of.

III. PROPOSED SYSTEM

The online cinema reservation system offers the possibility of booking tickets for a movie online. User can book tickets anytime anywhere as the system is online based. The online reservation system for movie tickets provides accurate information so that the customer can get information about the movie and based on this information the customer can book a ticket. The user can search for films



that will be screened in the future, so he has the opportunity to book a ticket in advance. The online cinema ticket booking system will make the user experience much better than the current system. Online movie ticket booking system offers a much better experience while booking movie tickets. If there are free seats, the customer can cancel the tickets and change the seating arrangement.

If we look at the software part, it was already mentioned that in addition to the Python backend support, we used the Django DB connection. Since the main problem of the network system is speed, this problem must be solved first, and for that, using a framework is the best choice. In fact, an application using Python django is almost thirty times faster than an application built with Python and Responsive Design. To get an idea of our system, we took UML diagrams as part of the structure of the entire film management system. UML diagrams are used to show the exact architecture and behavior of a system. UML stands for Unified Modeling Language and is used in object-oriented software. Although often used in software development, it is a rich language that can be used to model application structures, behavior and even business processes. Generally known to be structural diagrams, there are also behavioral diagrams. Many UML diagrams like use case diagram, sequence diagram, activity diagram and state diagram help to get an idea about the existing system.

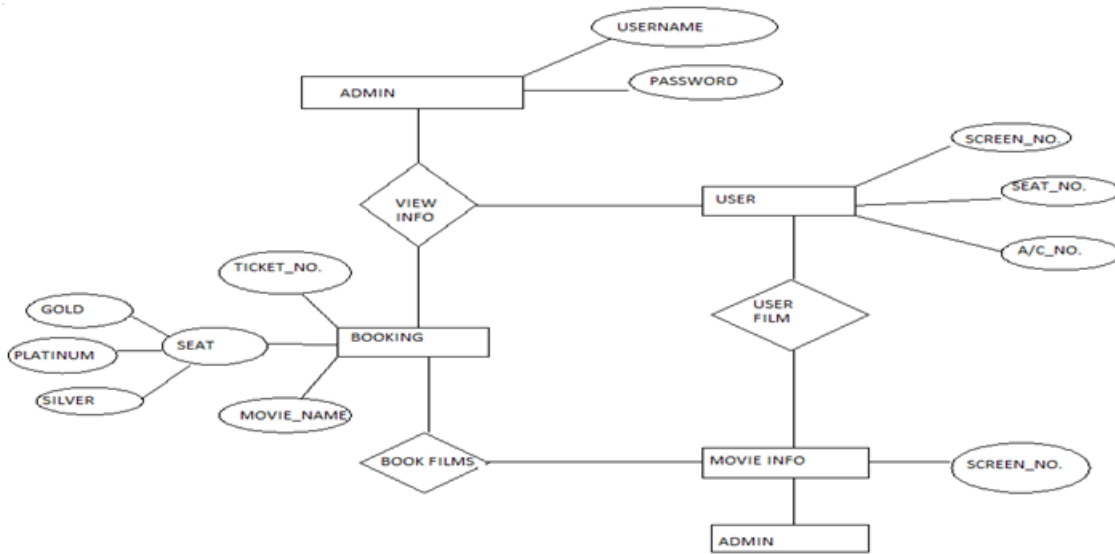
After understanding the existing system and the need to develop a new system, various people involved in related activities were consulted. The information needed for the study was collected from the company's records.

IV. DESIGN AND IMPLEMENTATION

System design is the process of defining system elements such as modules, architecture, components and their interfaces, and information based on the requirements defined for the system. It is the process of defining, developing and designing systems that meet the specific needs and requirements of a business or organization.

An Entity Relationship Diagram (ER) is a type of flowchart that illustrates how "entities" such as people, objects, or concepts relate to each other in a system. ER diagrams are most often used to design or debug relational databases in software engineering, enterprise information systems, education, and research. Also known as ERD or ER models, they use a defined set of symbols, such as rectangles, diamonds, ovals, and connecting lines, to describe the interconnectedness of entities, relationships, and their attributes. They reflect grammatical structure, with entities as nouns and relations as verbs.

A data flow diagram (DFD) is a graphic or visual representation that uses standardized symbols and notations to describe the activities of a business through the transfer of information. They are often part of a formal methodology such as the Structured Systems Analysis and Design Method (SSADM). On the surface, DFDs may resemble a flowchart or Unified Modeling Language (UML), but they are not intended to represent the details of software logic.



**Fig: E-R diagram
DFD for Booking**

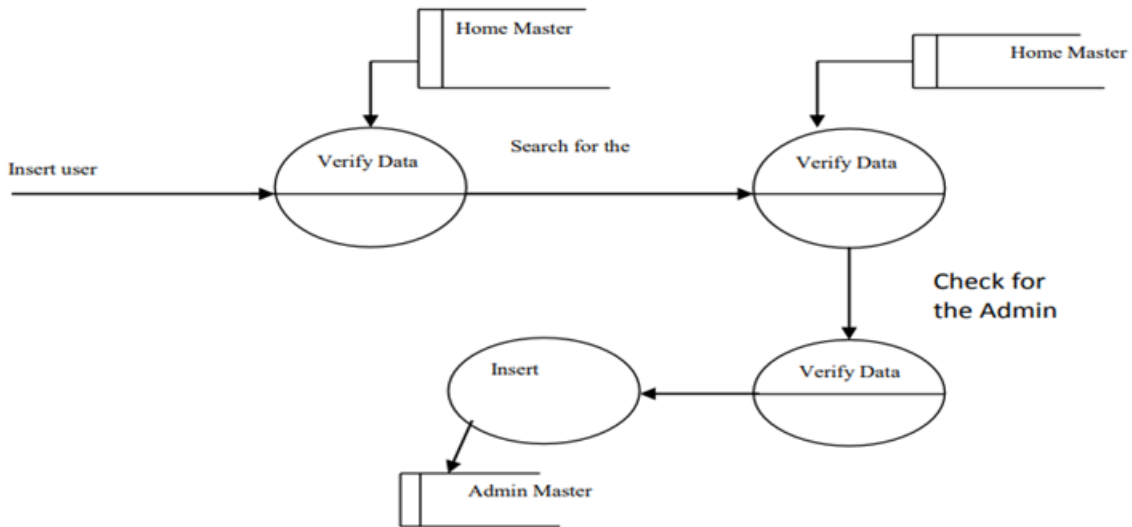
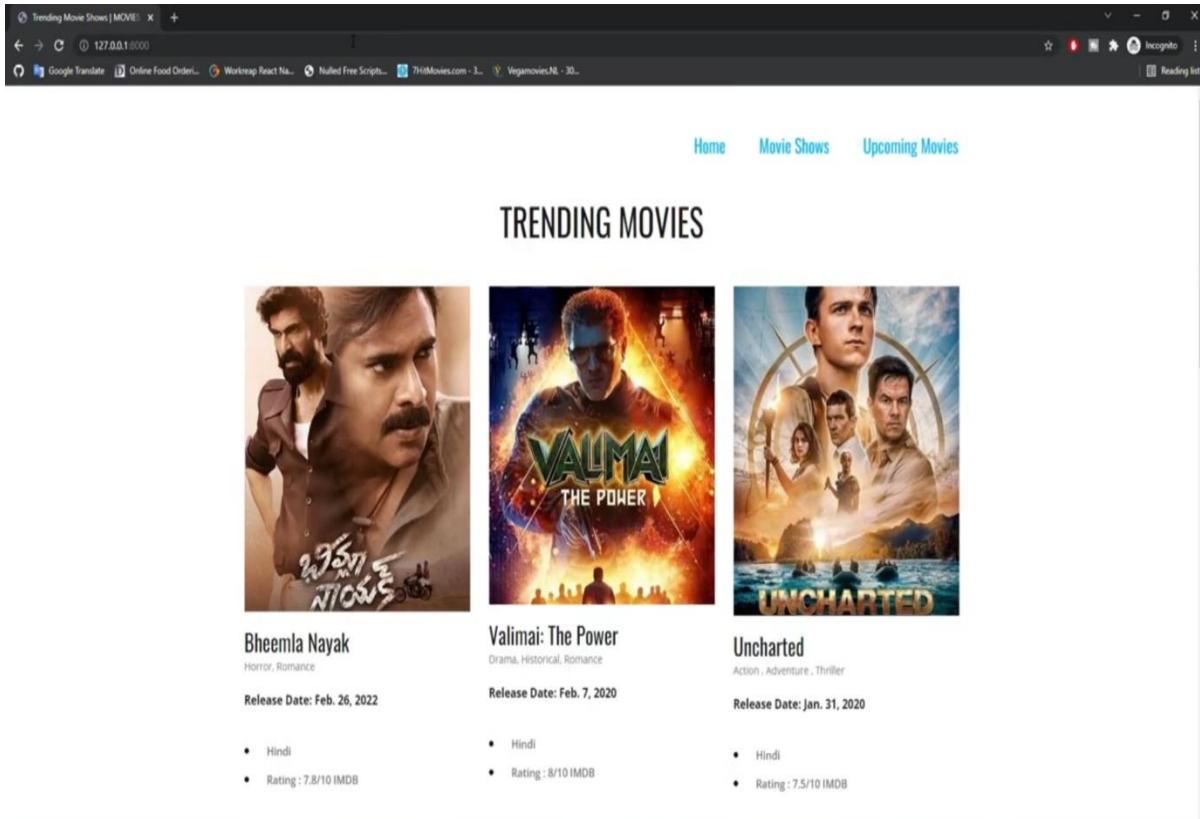


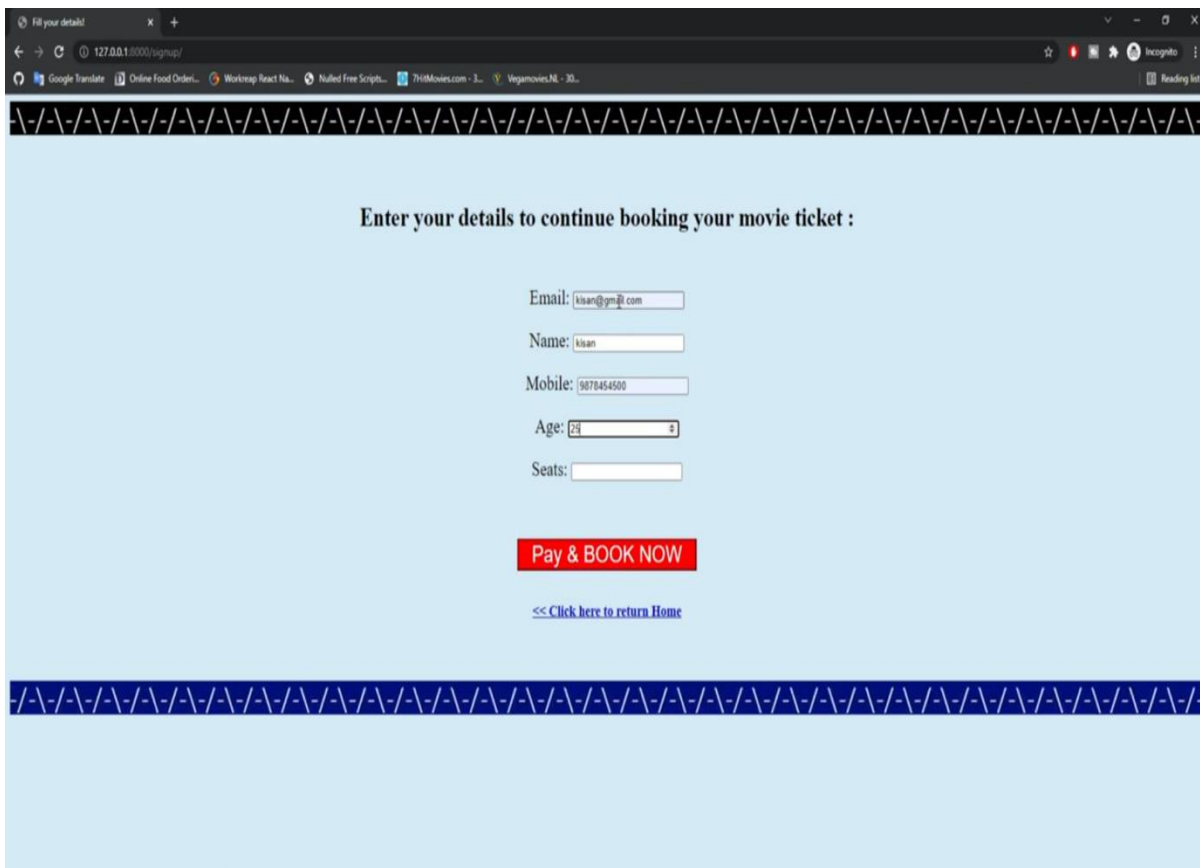
Fig: Data Flow Diagram



V. DESIGN AND SCREENSHOT



Screenshot: 1



Screenshot: 2



VI. SCOPE AND FEATURES

- The suggested method allows people to properly order meals.
- There will be fewer employees needed at the rear desk.
- The method will aid in the reduction of labour costs as well as the space necessary to set up cafeterias in the restricted region.
- Mistakes are less probable to occur since it is an admin-controlled system.
- Customers can prevent long lines at the counter by executing tasks at an acceptable speed and throughput.

VII. CONCLUSIONS

The entire project was developed and deployed as per the requirements given by the user and was found to be error free as per the testing standards. All untracked bugs in the specifications are focused on future versions that are planned to be developed in the near future. The system does not take care of payment methods at the moment, because the connected structures need SSL standards and are critical to begin with, the implementation of credit card transactions will be taken as a development phase in the coming days. The system needs more detailed technical information for creation and development.

In our project: with this cinema ticket system; movie companies can offer their customers comfortable rooms. The relationship between cinema manager, employee and customer requires good communication to complete the ticketing process. With this self-developed platform, we hope to reduce time loss, avoid misunderstandings, provide easy information flow, provide customers with joy and reduce hard work. We believe we have achieved our goal and are satisfied with the developed code. of.

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