MOVIE TICKET BOOKING APP

*A Movie ticket Booking App Report submitted in partial fulfilment of the requirements for the award of the degree*

*of*

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**Introduction**

The increasing demand for easy-to-use digital products has led to the substitution of traditional ticket reservation methods by online ticketing systems for movies. These applications provide users with a simple way of searching for movies, checking showtime, selecting their seats and buying tickets from the comfort of their homes without having to visit a physical ticket counter. The transformation of the entertainment industry has made it crucial for cinemas and multiplexes to develop self-service booking systems to enhance the user’s experience as well as optimize their management.

The primary aim of a movie booking system application is to provide a convenient, fast and reliable platform through which users can buy their movie tickets. Such applications include features like real time seat availability, online payment options, user authentication and new movie notifications. With the integration of cloud computing, artificial intelligence and secure payment gateways, these applications provide a convenient and trouble-free ticket booking process. This paper provides a detailed overview of the process of creating, developing and implementing a movie booking system application.

It examines different methodologies, security risks and measures, and ways of enhancing customer service delivery. This study also explores actual implementations and the impact of digitalization on the entertainment industry.

**Literature Review/** **Application Survey**

Golden Village Pictures (GVP) has been founded in 1993. It is the top independent movie distributor in Singapore. Entertainment has been witnessed long back in being extremely popular in some of the smaller nations like Singapore and Dubai. GV can be thought of as the pillar of Singapore movie system. It has 11 multiplexes containing 92 screens located at various locations. Golden Village was formed to build and run contemporary, high-end multiplex cinemas and is the first domestic cinema to tailor the movie experience with its Movie Club program. In 2016, GVP released SULLY and PASSENGERS, both of which are produced by Village Roadshow Pictures, and RAILROAD TIGERS of Jackie Chan. If we consider the software side, it employs responsive web designing with Bootstrap. Back end is also supported by SQL database connectivity and PHP. Check buys and Check Booking are two other ticket booking options. Movie voucher code & cards, Shop merchandise, corporate are the remaining modules

and functions of the web site. Trailers and posters of the upcoming films have also been displayed on the web site.

Another well-known movie booking web site is Fandango. It's a USA headquarters company booking movie tickets. It offers news such as the latest movie details, theater, box office listings, top box office hits, entertainment news, trailers, videos, search banner and more! Fandango option is one of the possibilities of becoming an authorized fandango user. Booking a movie, Offers are crucial module of web site. The principal flaw of web sites is it only restricts themselves to USA. It is also a PHP based back-end system. There are other different modules. The site supports multiple ads of different websites which include make my trip, clear trip, Flipkart etc. It assists in publicity of the site and also a day ads are one of the chief source of income for all the open source systems. Upcoming movie lists are also well synchronized on this web site and there is even a previous booking system available for the upcoming movie with coupon code. Shopping carts are also available, which includes gift cards also.

Cinema Online is the result of two entrepreneurial minds who share a dream of revolutionizing the Singapore film industry. The site www.cinema.com.my was first brought into existence in October 1998. Since then, it has expanded to comprise thousands of pages of content. Browse and discover all the current developments of films, whether local or global. News, reviews, previews, and contests are among its features. All this from the humble roots of Cinema Show times, now covering nearly ALL Malaysian cinemas, and as ever, updated daily for your convenience. It contains home, movies, charts, features, trailers and show times.

The References for our review are: -

* Kalyanam, K., & McIntyre, S. (2002). The e-marketing mix: a contribution of the e-tailing wars. Journal of the academy of marketing science, 30(4), 487-499.
* Duan, W., Gu, B., & Whiston, A. B. (2008). Do online reviews matter? —An empirical investigation of panel data. Decision support systems, 45(4), 1007-1016.
* Goel, S., Hofman, J. M., Lahaie, S., Pennock, D. M., & Watts, D. J. (2010). Predicting consumer behavior with Web search. Proceedings of the National Academy of sciences, 107(41), 17486-17490.
* Rishab Jain, C., & Kolluri, R. (2015). Design of automation scripts execution application for Selenium WebDriver and TestNG Framework. ARPN Journal of Engineering and Applied Sciences, 10(6), 2.