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## “ A PROJECT ON ONLINE TICKET BOOKING SYSTEM ”

NITISH KUMAR <sup>1</sup>, MO RASHID<sup>2</sup>, ANKUR KUMAR<sup>3</sup>, SUDARSHAN SINGH<sup>4</sup>

Final (4th) year students, Computer Science & Engineering

“DELHI INSTITUTE OF ENGINEERING & TECHNOLOGY”

### --Abstract

- The project objective is to book cinema tickets in online. 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 reserve the tickets. This online ticket reservation system provides a website for a cinema hall where any user of internet can access it. User is required to login to the system and needs a credit card for booking the tickets. Tickets can be collected at the counter and Watching movies with family and friends in theatres is one of the best medium of entertainment after having a hectic schedule. But all this excitement vanishes after standing in hours in long queues to get tickets booked. The website provides complete information regarding currently running movies on all the screens with details of show timings, available seats. Ticket reservations are done using credit card and can be cancelled if needed. Our online tickets reservation system is one of the best opportunities for those who cannot afford enough time to get their tickets reserved standing in long queues. People can book tickets online at any time of day or night. Our reservation system also provides option to cancel the tickets which are reserved previously.

**Key Words:** tickets, online, booking, website, movie

### 1.Introduction:

Long lines at the box office are a typical method for purchasing movie tickets, which can be rather annoying. Online ticket purchasing for films has become a well-liked substitute that enables customers to do it from the convenience of their homes. The construction of an online movie ticket booking initiative, its advantages, and its effects on the film industry will all be covered in this research paper.

## 2. SYSTEM REQUIREMENT

### 2.1 Hardware Specification

#### Server:

Processor-7th generation i5

RAM-128MB (min)

Hard disk-20GB

**Client:**

Processor-7th generation i5

Ram-128MB (min)

Hard disk- 20GB

**2.2 Software Specification**

Platform - Windows 8,10

Front end - Html, CSS, Java Script

Backend - PHP, SQL`

**2.3 FRONT-END****HTML:**

HTML (Hypertext Markup Language) is a markup language used to create and structure content on the web. It is the foundation of all websites, allowing developers to create web pages and applications that can be viewed in web browsers. HTML uses tags and attributes to define and display content such as text, images, and videos. It also allows for the creation of hyperlinks to other web pages, enabling easy navigation between pages. HTML is constantly evolving, with new versions and updates being released regularly to improve its capabilities and ensure compatibility with new web technologies.

**CSS:**

CSS (Cascading Style Sheets) is a stylesheet language used to add style and design to web pages. It allows developers to separate the content and structure of a web page from its presentation and styling. CSS defines the visual elements of a web page, including font styles, colours, layout, and animations. With CSS, developers can create responsive designs that adjust to different screen sizes and devices. CSS has a wide range of selectors and properties, making it a versatile language that can be used to create visually appealing and user-friendly web pages. It is an essential tool for web development and design.

**BOOTSTRAP:**

Bootstrap is a popular front-end framework that allows developers to quickly create responsive and mobile-first websites. It includes HTML, CSS, and JavaScript components, such as typography, forms, buttons, navigation, and more. Bootstrap provides a wide range of pre-built UI components and styles, making it easy to design a professional-looking website without having to start from scratch. It also has a grid system that enables developers to create responsive layouts that adapt to different screen sizes and devices. Bootstrap is free and open-source, with a large community of developers contributing to its development and support. It is a valuable tool for web developers looking to streamline

their workflow and create high-quality websites efficiently.

#### JAVA SCRIPT:

JavaScript is a programming language used to create interactive and dynamic web pages. It allows developers to add complex functionality to web pages, such as form validation, animations, and dynamic content updates, without the need for server-side processing. JavaScript is a client-side language that runs on the user's browser, making web pages more responsive and interactive. It is also used in server-side applications, such as Node.js, which enables developers to create fast and scalable web applications. JavaScript has a wide range of libraries and frameworks, such as React, Angular, and Vue.js, making it a versatile language for web development.

#### 2.4 BACK -END

##### PHP:

PHP (Hypertext Pre-processor) is a server-side scripting language used for web development. It is widely used to create dynamic web pages and web applications, allowing developers to add complex functionality to their websites. PHP is open-source and runs on various platforms, making it a popular choice among web developers. It can be used to interact with databases, create user authentication systems, and generate dynamic content. PHP has a vast library of functions and frameworks, such as Laravel, CodeIgniter, and Symfony, making it a versatile language for web development. It is easy to learn, and its popularity among web developers ensures a wealth of resources and community support.

##### SQL:

SQL (Structured Query Language) is a programming language used for managing relational databases. It is a standard language for storing, manipulating, and retrieving data in databases. SQL is useful in storing data because it provides a simple and organized way to structure data in tables, rows, and columns. It enables developers to create, modify, and delete data in a database. SQL is also used to fetch data from databases, allowing developers to retrieve specific data based on certain criteria. This makes it a powerful tool for data analysis and reporting. SQL provides a wide range of commands and functions, such as SELECT, INSERT, UPDATE, DELETE, and JOIN, making it a versatile language for managing data in databases.

#### 3. Methodology:

Using PHP and MySQL, the online cinema ticket ordering project was created. The website's front end was created with the use of HTML, CSS, and JavaScript. Users can choose their desired movie, showtime, and seat through the project, and they can even pay online. Additionally, the website's administrator could add, amend, or remove movies, showtimes, and theatres. The website is flexible to many screen sizes and features a user-friendly interface.

#### 4. Results:

To assure its functionality, the project to book movie tickets online underwent extensive testing. Users can choose their chosen seats and pay online while perusing the available films and showtimes on the website. Through the admin interface, the website administrator may quickly manage movies, showtimes, and theatres. The project is user-friendly and adaptable to many screen sizes.

## 5. Benefits:

Both moviegoers and theatre owners might benefit from the idea to book movie tickets online in several ways. Moviegoers may easily order their tickets from the convenience of their homes, saving them the hassle of standing in huge lines. The online solution can lower the cost of printing and delivering paper tickets, and theatre owners can manage their bookings with ease. The internet technology can also produce reports, which will aid theatre owners in monitoring sales and enhancing marketing initiatives.

## 6. Influencing the film industry

The movie industry has been significantly impacted by the effort to allow for internet movie ticket purchases. By making it simpler for individuals to purchase tickets, the project has contributed to an increase in the overall income of movie theatres. Additionally, it has improved convenience, which has increased the appeal of going to the movies. The internet system can also offer useful information on consumer preferences and buying patterns, which can aid the film business in making educated choices regarding movie creation and marketing.

## 7. Conclusion:

In conclusion, creating an online movie ticket ordering project is a workable way to purchase tickets for movies online. The project has had a huge impact on the film business and offers several advantages to both moviegoers and theatre owners. Any movie theatre can use this solution to offer a simple way for customers to purchase tickets and enhance the entire movie-going experience.

## 8. References

Here are Some references where I have learnt and taking the help to build up my project

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