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Subject: Data Structure and Programming

Prepared By: Freshman of AMS-I Department

Research Project: Online Movie Ticket Booking System

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For the project, our team decided to write a program about Online Movies Ticket Booking System. To have an understandable presentation in common, We are going to reveal you below.

I.Why we choose this project?

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.

II.What is the process of this project?

Firstly, the program would like them to choose options. but for the first significant step, a program would like them to register all overall information of them. Then program want them to choose the title of movie.after that, select the showing time and they want you to fill up the name, contact number, number of ticket you want to purchase. the last they offer you with seat choosing. There are two types of seat. First is normal seat and gold seat. Lastly, a program is going to show the bill that you must pay. There are many functions of program. They are Input, output, search, update, delete, insert, sort and append information.

3. Resource

IDE: Code::Blocks and CLion.

C++ programming language: Linear data structure: Array, Linked list, Stack, Queue

Non-linear data structure: Trees, Graph

Searching: Binary Search, Heap Sort

OOP, SQL.

Simple Movie Ticket Booking System

Welcome Customer!

<1> Movie Timings
<2> Recieving Ticket
<3> For Information
<4> DTCard Registration
<5> Exit

Enter Your Choice :

4. Time of making

Started May 2022, expected to finish in the next month.

5. Conclusion

From this project, I would like to conclude that online movie ticket booking system have been an integral part in the development of film industry. This is also a solution to stop movie privacy. So, use my system to book ticket and enjoy your favorite movies.