
MOVIE TICKET BOOKING SYSTEM

PREPARED BY:

- **ASHAR ZAMIR** (22K-4241)
 - **BILAL AHMED KHAN** (22K-4525)
- SECTION: BSCS 2-F**

SUBMITTED TO:

- 1. MISS SHAZIA PARAS**

INTRODUCTION:

We have made this Movie booking system to make accessibility of customers and admin within one panel which is further distributed into two, one for admin and one for users. It has major benefits as it keeps the customer updated about the movies they have clear access to buy any movie along with any number of seats within one domain so it become easy and comfortable for them. Moreover, It also provide secure system for admin to have access to customer info and also they can add or update any movie.

Abstract:

User: Customer

Admin: administrator

This project provides the system for managing movie booking system to record and book customer's movie ticket details.

List of Features:

1. Movie Bookings
2. Display Information of booking
3. Add new movie details to list
4. Ticket price
5. Updation in prices
6. Seat number allocation
7. customer info

Tools & Techniques:

The language used will be C++ and IDE will be Visual Studio.

Our main goal will be adopting an Object Oriented approach.

FEATURES:

In our project we have used two major classes like admin, and user. Class user have further sub class named as discount.

Features in admin class:

1. View movie:

In this function admin can keep track on the movies and their prices which currently they are offering.

2. Add movie:

In this function admin can add new movie with number of available seats and price.

3. Customer Information:

Every time a user checkout from the system the information of user is saved in a file which can be seen through this function in admin.

4. Update price: Also, admin have flexible option to update prices whenever they need.

Features in User class:

1. View movie:

In this function customer can view the movies and their prices which currently are offering.

2. Buy ticket:

This allows customer to buy whatever ticket they want with ease.

3. Checkout:

After buying the desirable ticket we provide checkout facility that takes promo code if any and then generates the bill.

METHODOLOGY:

Following are the components we have used to sum up the working of the code

1. Libraries:

```
#include<iostream>
#include<fstream>
#include<cstring>
#include<string>
#include<iomanip>
#include <windows.h>
#include<conio.>
```

2. Classes:

We have introduced two major classes and one inherited class.

```
Class USER{};
Class Admin{};
Class Discount: public User
```

3. Main functionalities:

1. Add movie();
2. Customer Information();
3. Update price();
4. Buy ticket();
5. Checkout();
6. Menu();

4. Filing:



seat3.txt



seats.txt



verify.txt



voucher.txt



info.txt



moviedet.txt



seat1.txt



seat2.txt

CONCLUSION:

This project is made to benefit customers and admin while booking movie tickets, so if implemented with serious effects it can really go further with appropriate use of technology and programming techniques. This project is made to make admin and customer life easy and efficient with scalable and secure functionalities.

THANKYOU
