

Project Final Report

(CSE 101)

Movie Ticket Booking System

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Movie Ticket Booking System

INTRODUCTION:

A movie ticket booking system is a process through which a consumer can book a movie ticket. Through the services of our system, customers can book a movie ticket from the comfort of their homes. They can view various movies and when they will be appearing without visiting the theatre. They can check the price and cancel the ticket any time prior to the screening. Movie ticket booking system in c requires a good grasp on for/while loop or switch case. The objective of our project is to enhance the customer experience by making it easy and convenient to purchase movie tickets.

AIM:

The aim of the project is to provide information about the movie ticket booking system to a customer to book tickets, the system enables the user to book tickets, cancel tickets, view all booking records. The main goal of our project is to provide various types of customer facilities and provide good customer facilities and provide good customer service. It should fulfil almost all the process requirements of booking a ticket.

PROJECT REQUIREMENT:

- Software requirement – Dev C++
- Hardware requirement – operating system:
windows 11, processor – Intel® core™ i5-8265U
CPU @ 1.60Hz 1.80 GHz

MODULES:

- Registration: To access all the facilities provided by us. The customer must be a registered user of our Ticket Booking system. So, the user will pop up on the registration page. If he/she is an existing user, he can simply log in and access his data as well as our facilities. If he/she is a new visitor to our page, he/she can simply create an account with just 2 steps and can become a valuable customer to us.

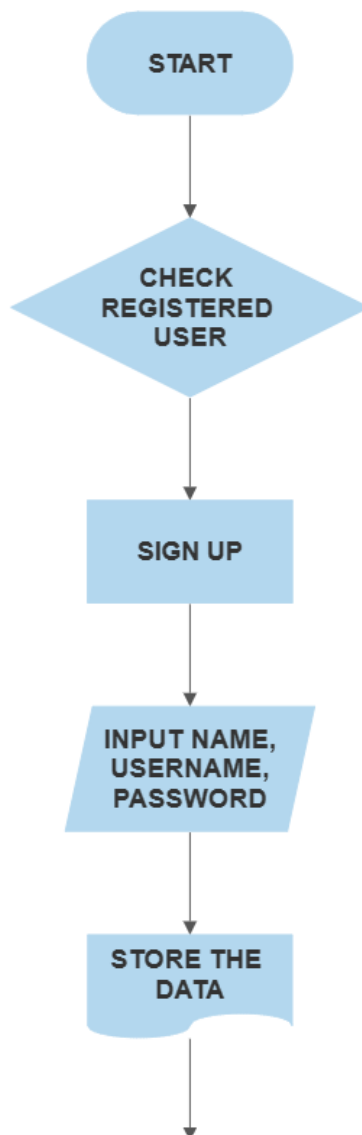
- Display the current movie: We work along with every theatre in your city and get all the data that you want for a specific movie. Here we display all the movies that are running or that are going to be released. The movie names are displayed along with the cast and crew of the movie.

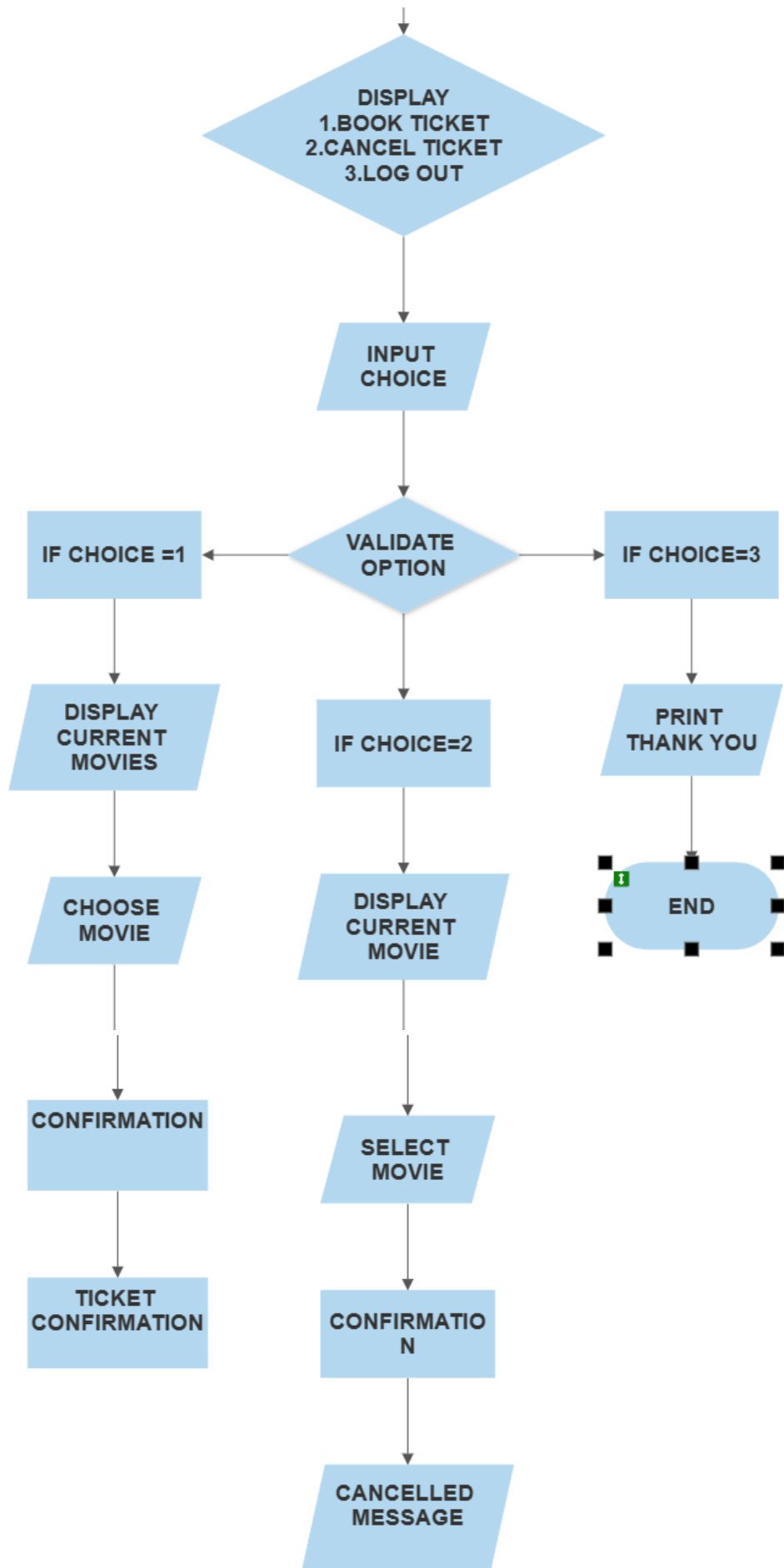
- Book Ticket: Here the registered user can select the movie in which he/she is interested and can book the ticket.

- Cancel Ticket: This module will allow the user to cancel the ticket any time before the screening of the movie.

- Payment options: When it comes to payment, we provide a lot of payment options available so that he/she can go with what he/she is comfortable with. This module will allow the registered user to pay for the ticket he/she wants to book.

FLOW CHART:





PROGRAMMING CODE:

```
#include <stdio.h>
```

```
#include <string.h>
```

```
void under(){
```

```
    int i=0;
```

```
    for(i;i<26;i++){
```

```
        printf("-----+");
```

```
    }
```

```
    printf("\n\n");
```

```
}
```

```
void payment(){
```

```
    printf("Enter UPI ID: ");
```

```
    char a[50];
```

```
    scanf("%s",&a);
```

```
    printf("Amount will be decuted from your account");
```

```
    printf("\nPAYMENT SUCCESSFULL\n");
```

```
}
```

```
void movie(){
```

```
    FILE *mov;
```

```

mov=fopen("movie.txt","r");
char movie[100];
while (fgets(movie,100,mov)){
    printf("%s\n",movie);
}printf("\n");
}

void book(){
    movie();
    char c[20];
    printf("Enter movie: ");
    scanf("%s",&c);
    printf("The entered movie is %s",c);
    printf("\nEnter '1' to confirm: ");
    int ab;
    scanf("%d",&ab);
    if (ab==1){
        payment();
        printf("Movie \"%s\" has been successfully
booked\n\n",strupr(c));
        under();
    }
    else{

```

```

        return;
    }
}

void cancel(){
    movie();
    char c[20];
    printf("Enter movie which has to be cancelled: ");
    scanf("%s",&c);
    printf("Enter '1' to confirm: ");
    int ab;
    scanf("%d",&ab);
    if (ab==1){
        printf("Movie \"%s\" has been successfully
cancelled\nAmount paid will be refunded\n\n",strupr(c));
        under();
    }
    else{
        return;
    }
}

```



```
void regis(int x){
    FILE *reg;
    reg=fopen("user.txt","a");
    struct structure{
        char name[50];
        char u_name[50];
        char pass_wd[50];
    }temp;
    printf("Name: ");
    scanf("%s",&temp.name);
    printf("User Name: ");
    scanf("%s",&temp.u_name);
    printf("Password: ");
    scanf("%s",&temp.pass_wd);
    fprintf(reg,"%s %s
%s\n",temp.name,temp.u_name,temp.pass_wd);
    fclose(reg);
    printf("!! Registration successfull !!\n\n");
    under();
    while(1){
        printf("1.Book Ticket\n2.Cancel ticket\n3.log out\n");
        int ch;
        printf("Enter your choice: ");
        scanf("%d",&ch);
```

```
        printf("\n");
        if (ch==1){
            book();
        }
        else if (ch==2){
            cancel();
        }
        else if (ch==3){
            printf("Logged out\n\n");
            under();
            return;
        }
        else{
            printf("Invalid input\n\n");
            continue;
        }
    }
}
```

```
main(){
    while (1){
        printf("1.Registration\n");
        printf("2.Exit\n");
```

```
int ch;

printf("Enter your choice: ");

scanf("%d",&ch);

printf("\n");

if (ch==1){
    regis(ch);
}

else if (ch==2){
    printf("Thank you");
    break;
}

else{
    printf("Invalid choice\n\n\n");
    continue;
}

}

}
```

OUTPUT SNAPSHOTS:

1.INTERFACE:

```
1.Registration
2.Exit
Enter your choice: |
```

2.REGISTRATION PAGE:

```
1.Registration
2.Exit
Enter your choice: 1

Name: VINU
User Name: VINU_KANTH
Password: CSE@101
!! Registration successfull !!
```

-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

3.POST REGISTRATION PAGE:

```
1.Registration
2.Exit
Enter your choice: 1

Name: VINU
User Name: VINU_KANTH
Password: CSE@101
!! Registration successfull !!
```

-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```
1.Book Ticket
2.Cancel ticket
3.log out
Enter your choice:
```

4.BOOK TICKET PAGE:

```
1.Book Ticket
2.Cancel ticket
3.log out
Enter your choice: 1

+-----+-----+-----+
|S.NO |  MOVIE_NAME  | USER_RATING |
+-----+-----+-----+
|1--> | AVATAR(3D) U/A | 8.0/10      |
|2--> | VIKRAM U/A     | 8.5/10      |
|3--> | MASTER U/A     | 7.5/10      |
|4--> | URI U/A        | 8.1/10      |
|5--> | ANABELLA A     | 6.5/10      |
+-----+-----+-----+

Enter movie: avatar
The entered movie is avatar
Enter '1' to confirm: 1
Enter UPI ID: dummy@sbi
Amount will be decuted from your account
PAYMENT SUCCESSFULL
Movie "AVATAR" has been successfully booked
```

5.CANCEL TICKET PAGE:

```
1.Book Ticket
2.Cancel ticket
3.log out
Enter your choice: 2

+-----+-----+-----+
|S.NO |  MOVIE_NAME  | USER_RATING |
+-----+-----+-----+
|1--> | AVATAR(3D) U/A | 8.0/10      |
|2--> | VIKRAM U/A     | 8.5/10      |
|3--> | MASTER U/A     | 7.5/10      |
|4--> | URI U/A        | 8.1/10      |
|5--> | ANABELLA A     | 6.5/10      |
+-----+-----+-----+

Enter movie which has to be cancelled: avatar
Enter '1' to confirm: 1
Movie "AVATAR" has been successfully cancelled
Amount paid will be refunded
```

6.LOG OUT PAGE:

```
1.Book Ticket
2.Cancel ticket
3.log out
Enter your choice: 3
```

Logged out

7.EXIT PAGE:

```
1.Registration
2.Exit
Enter your choice: 2
```

Thank you

8.INVALID INPUT:

```
1.Registration
2.Exit
Enter your choice: 5
```

Invalid choice

```
1.Registration
2.Exit
Enter your choice: |
```

FUTURE SCOPE:

We work hard every day to improvise the project. We have planned to add more payment options to make it convenient for the user to choose from what he/she prefers. And we are also working on making the project compatible with every system that is available on the market. We have been working hard and will continue to do that till every user is satisfied with our project.

CONCLUSION:

In conclusion, the movie ticket booking system is a digital platform that allows users to conveniently and securely book their movie tickets online. This report has highlighted the various benefits of this system, including ease of use, convenience, flexibility, timesaving, and the ability to avoid long queues at the movie theatres.

Moreover, the report has discussed the features of the system, such as registration, viewing various movies screening, online payment, booking ticket, and cancellations of ticket, which make it a user-friendly and efficient platform for booking movie tickets.