

BOOK-MY-MOVIE: A Movie booking interface created using C++

-VISHRUTH S

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INTRODUCTION

Goals and Objectives

The main objective of this project is to provide a simple user interface to book a ticket for a cinema by creating an application program to make this task really easy and effective.

Features

- 1) Provides a simple application for booking a movie ticket by selecting a show from the list of available shows, selecting a desired seat and make a payment.
- 2) It also provides an admin option through which the admin can see all the details of the users by entering a password.

PROJECT DETAILS

BOOK-MY-MOVIE: A Movie booking interface created using C++

DATA FILES USED

- 1) users - stores the details of all users
- 2) film1A - stores the details of available seats in film 1
- 3) film1B - stores the details of film 1 like Name, Genre, Time etc...
- 4) film2A - stores the details of available seats in film 2
- 5) film2B - stores the details of film 1 like Name, Genre, Time etc...

FUNCTIONS USED

//Important functions

- 1) void signup() - To create a new account for a user.
- 2) void login() - To login with an existing account
- 3) void display() - To display the details of all users
- 4) void admin() - To login in as an admin and view the details of all users
- 5) void selectfilm() - To display the details of available movies and select one
- 6) void pay() - To make a payment for a booking using debit/credit card
- 7) void choose() - To select between booking a new ticket or view a booked ticket
- 8) void welcome() - To print welcome

- 9) void feedback() - To give a feedback
- 10) void create() - To create the file of all users

//Functions of Film1

- 11) void create1f1() - To create the list of available seats for film 1
- 12) void display1f1() - To display the list of available seats for film 1
- 13) void modify1f1() - To add/delete seats for film 1
- 14) void create2f1() - To create the details of film 1 like film name, genre etc.
- 15) void display2f1() - To display the details of film 1 like film name, genre etc.
- 16) void seaterf1() - To select desired seats for film 1

//Functions of film2

- 17) void create1f2() - To create the list of available seats for film 2
- 18) void display1f2() - To display the list of available seats for film 2
- 19) void modify1f2() - To add/delete seats for film 2
- 20) void create2f2() - To create the details of film 2 like film name, genre etc.
- 21) void display2f2() - To display the details of film 2 like film name, genre etc.
- 22) void seaterf2() - To select desired seats for film 1

ALGORITHM

- 1) Start
- 2) CALL create() to initialise the file project which stores the users details
- 3) Login or signup, enter choice ch
- 4) if ch='n', call signup() to create a new account
 else if ch='y', call login() to login with username and password.
 else if ch=0, call admin() to login as an admin using admin password
- 5) Repeat steps 3 and 4 if entered choice is invalid
- 6) Call choose() and enter choice
- 7) If ch=1, call selectfilm() to book a
 new ticket and proceed to payment
 Else if ch=2, display booked tickets of
 user.
- 8) Repeat steps 6 and 7 if entered
 choice is invalid
- 9) Call feedback() to get feedback from
 user
- 10) STOP

OUTPUT

WELCOME

WELCOME TO BOOK-MY-MOVIE v1.0.1

PRESS ANY KEY TO CONTINUE

-

HELLO

DO YOU HAVE AN EXISTING BOOK-MY-MOVIE ACCOUNT, if yes, press Y.
ELSE Press N to create one

PRESS 0 for admin login

PRESS 9 to exit

n

Create a username
vishruth_

CREATE PASSWORD

Confirm Password
*****_

TO BOOK A NEW TICKET, PRESS 1
TO VIEW YOUR BOOKED TICKETS, PRESS 2
1_

NO.	FILM	GENRE	LANGUAGE	RATING	TIMING	SEATS AVAILABLE
1	Premam	Romance	Malayalam	U/A	4:30 pm	378
2	Frozen	ANIMATION	English	U/A	6:30 pm	363

ENTER NUMBER
2

1_

1_

a b c d e f g h i j k l m n o p q r s t u v w x y z

SELECT SEATS ENTER ROW FOLLOWED BY COLUMN (for eg 5 f) PRESS ENTER KEY AFTER EACH COMPLETE SEAT. USE ONLY SPACEBAR BETWEEN EACH ENTRY

10 o

ENTER CARD NUMBER
4568 2237 8112 3212
PROCESSING CARD NUMBER....

ENTER CARD EXPIRY
10 / 22

CHECKING VALIDITY....

ENTER CVV

PROCESSING PAYMENT.....
DON'T PRESS ANY KEY....._

SUCCESS !!

INVOICE

NAME OF SHOW:	Frozen
TIME OF SHOW:	6:30 pm
LANGUAGE:	English
RATED FOR AUDIENCES:	A
SCREEN:	2
SEATS:	100

SCAN THIS BARCODE AT THE TICKET COUNTER



BASE AMOUNT:	150
GST (18%):	27
TOTAL AMOUNT:	Rs.177

SCAN THIS BARCODE AT THE TICKET COUNTER



PLEASE SPARE A MOMENT TO RATE YOUR EXPERIENCE ON A SCALE OF 1 TO 5 STARS

Press **ENTER** key to submit your rating

* * * * *

- 1.- VERY BAD
- 2.- BAD
- 3.- OK. NOT BAD
- 4.- GOOD
- 5.- OUTSTANDING

* * * * *

- 1.- VERY BAD
- 2.- BAD
- 3.- **OK. NOT BAD**
- 4.- GOOD
- 5.- OUTSTANDING

THANKS FOR THE FEEDBACK. WE WILL ALWAYS KEEP IMPROVING

THANKS

HELLO

DO YOU HAVE AN EXISTING BOOK-MY-MOVIE ACCOUNT, if yes, press Y.
ELSE Press N to create one

PRESS 0 for admin login

PRESS 9 to exit

y_

ENTER USERNAME

Vishruth5

ENTER PASSWORD

TO BOOK A NEW TICKET, PRESS 1
TO VIEW YOUR BOOKED TICKETS, PRESS 2
2

TO BOOK A NEW TICKET, PRESS 1
TO VIEW YOUR BOOKED TICKETS, PRESS 2
2

SCAN THIS BARCODE AT THE TICKET COUNTER



NAME OF SHOW:	Frozen
TIME OF SHOW:	6:30 pm
LANGUAGE:	English
RATED FOR AUDIENCES:	A
SCREEN:	2
SEATS:	100

SCAN THIS BARCODE AT THE TICKET COUNTER



HELLO

DO YOU HAVE AN EXISTING BOOK-MY-MOVIE ACCOUNT, if yes, press Y.
ELSE Press N to create one

PRESS 0 for admin login

PRESS 9 to exit
0_

ENTER PASSWORD

*****_
_

ENTER PASSWORD

PRESS 1 to display details of users

PRESS 2 to display details of movies

1_

USERNAME	PASSWORD
veena	radhe
vishruth	aa
harry	abc
Vishruth5	vibhu

-

ENTER PASSWORD

PRESS 1 to display details of users

PRESS 2 to display details of movies

2_

NO.	FILM	GENRE	LANGUAGE	RATING	TIMING	SEATS AVAILABLE
1	Premam	Romance	Malayalam	U/A	4:30 pm	377
2	Frozen	Animation	English	A	6:30 pm	377

PLEASE SPARE A MOMENT TO RATE YOUR EXPERIENCE ON A SCALE OF 1 TO 5 STARS

Press **ENTER** key to submit your rating

* * * * *

- 1.- VERY BAD
- 2.- BAD
- 3.- OK. NOT BAD
- 4.- GOOD
- 5.- OUTSTANDING

* * * * *

- 1.- VERY BAD
- 2.- BAD
- 3.- OK. NOT BAD
- 4.- GOOD
- 5.- **OUTSTANDING**

EXTREMELY HAPPY TO HEAR THAT. HOPE TO SEE YOU AGAIN NEXT TIME

THANKS _