K L UNIVERSITY

FRESHMAN ENGINEERING DEPARTMENT

A Project Based Lab Report

On

Movie Ticket Booking

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CERTIFICATE

This is to certify that the project based laboratory report entitled "MOVIE TICKET BOOKING" submitted by **K.KARTHIKEYA, S.SRAVANTHI, N.JAHNAVI,D.SURESHMITHA** bearing Regd. No. 220080115, 2200080129, 2200080130, 2200080135 to the **Department of Artificial Intelligence and Data Science, KL University** in partial fulfillment of the requirements for the completion of a project based Laboratory in "DATA STRUCTURE(22SC1202)" course in I B Tech II Semester, is a bonafide record of the work carried out by him/her under my supervision during the academic year 2022 – 2023.

PROJECT SUPERVISOR   HEAD OF THE DEPARTMENT

DR.M.BHASKAR   Dr. D. HARITHA

ACKNOWLEDGEMENTS

It is great pleasure for me to express my gratitude to our honorable President

 Sri. Koneru Satyanarayana, for giving the opportunity and platform with facilities in accomplishing the project based laboratory report.

I express the sincere gratitude to our Director **Dr. A. Jagdeesh** for his administration towards our academic growth.

I express sincere gratitude to our Coordinator and HOD-BES **Dr. D. Haritha** for her leadership and constant motivation provided in successful completion of our academic semester. I record it as my privilege to deeply thank for providing us the efficient faculty and facilities to make our ideas into reality.

I express my sincere thanks to our project supervisor DR.**M.BHASKAR** for his novel association of ideas, encouragement, appreciation and intellectual zeal which motivated us to venture this project successfully.

Finally, it is pleased to acknowledge the indebtedness to all those who devoted themselves directly or indirectly to make this project report success.

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ABSTRACT

This project is aimed at developing an online movie ticket booking system website for customers. Online movie ticket booking system is a project developed for booking movie ticket online. This project saves lots of time and reduces the work of customer. In online movie booking system booking of movie ticket can be done from anywhere at any time (24/7). Some features provided to the users are new registration login in, see movies by category compare ticket price and timing customer can book ticket online without registration, but if he/she registers then he/she will get different types of special offers, e-news, letters, movie updates and lots more. The user can also cancel or update their booking.

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.

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INTRODUCTION

Welcome to newly designed website movie ticket booking is a faster, cleaner and a tad more personal website, specially designed to make your booking experience better. Log on, navigate and find out for yourselves and if time permits leave your valuable feedback. Customers may view the contents of any movie show at any time and may book any movie ticket as needed. The program automatically calculates the subtotal and grand total. When a visitor decides to finally book the ticket, the order information including the buyer's name, address and billing instruction is stored in the database securely and payment has been made The combo booking is also provided at the time of booking the ticket and there's a wonderful facility of delivering the combos at your seat when you are watching the movie You need to register a new user whenever you have first visited or site then for future it will be stored in our database permanently and you can book you movie ticket at any time you want with this username and password.

- Easy to learn

- Structured language

 - It produces efficient programs.

- It can handle low-level activities.

- It can be compiled on a variety of computers.

AIM

The main purpose of online ticket booking system is to provide another way for the customer to buy cinema ticket. It is an automatic system, where we will automate the reservation of tickets and enquiries about availability of tickets. After inserting the data to file, staff need not to worry about the orders received through the system and hence reduces the manual work. One of the best features of the system is to refund the amount on cancellation of tickets by customer.

The modules in this project are -

→To provide an any time any place service for the customer.

→To minimize the number of staff at the ticket box.

→To promote the film on the internet.

→To increase the profit.

ADVANTAGES

•Saves resources of organization and excludes of use of paper or sheets in making bill.

•It provides easy ticket cancellation technology.

•It provides accuracy and faultless in billing calculations.

DISADVANTAGES

•Requires large database. Cannot track the product information if ticket number is lost.

• You need internet access.

FUTURE IMPLEMENTATION

Easiest way of online movie tickets booking. User can get message alert before 30 minutes to show time.

SYSTEM REQUIREMENTS

➢ SOFTWARE REQUIREMENTS :

The major software requirements of the project are as follows:

Language: Turbo-C.

Operating system**:**   Windows 10 or more.

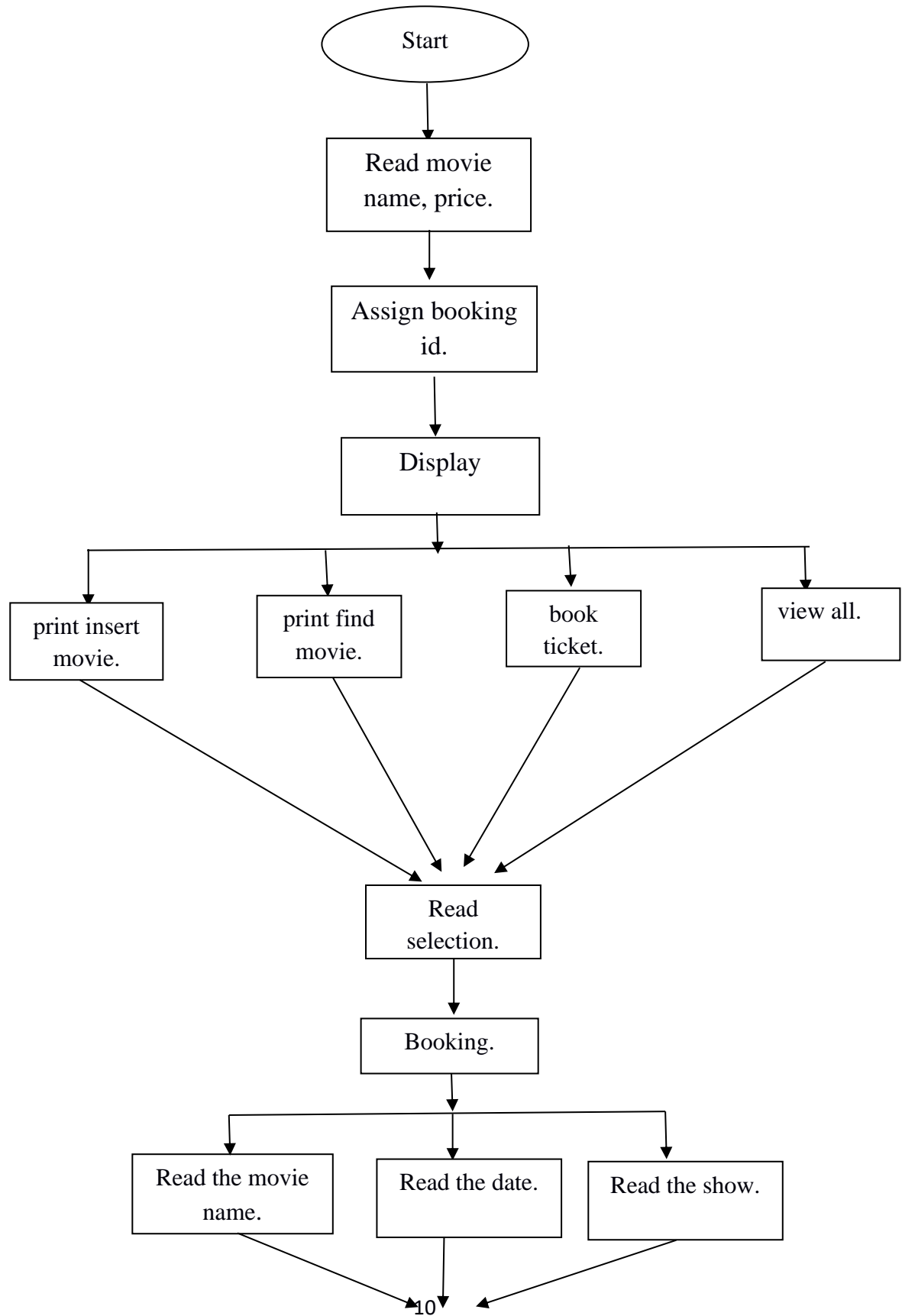Technical requirements: Monitor, CPU, Keyboard, Mouse, etc..
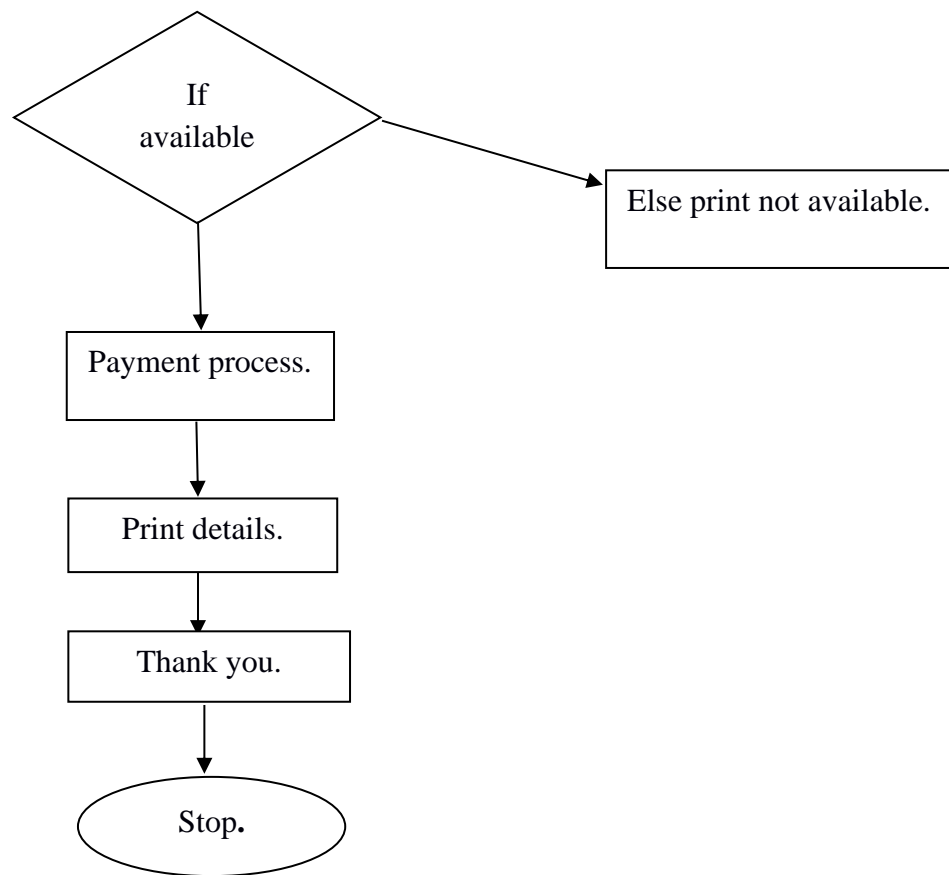
➢ HARDWARE REQUIREMENTS :

The hardware requirements that map towards the software are as follows:

RAM: 8 GB.

Processor: i5/i7.

DATA FLOW DIAGRAM

Start

Read movie name, price.

Assign booking id.

Display

print insert movie.

print find movie.

book ticket.

view all.

Read selection.

Booking.

Read the movie name.

Read the date.

Read the show.

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If
available

Else print not available.

Payment process.

Print details.

Thank you.

Stop.

ALGORITHM

Step-1: Start.

Step-2: Read movie name, date, ticket price.

Step-3: Assign booking id.

Step-4: Display.

Step-4: 1.Print insert movie.

      2.Print find movie.

      3.Book ticket.

      4.View all.

Step-5: Read selection.

Step-6: Booking.

      1.Read the movie name.

      2.Read the date.

      3.Read the show.

Step-7: If available book ticket.

Step-8: Else print not available.

Step-8: Payment process.

Step-9: Print details.

Step-10: Thank you.

Step-11: Stop.

IMPLEMENTATION

```c
#include<stdio.h>

#include<stdlib.h>

void ticket_booking();

void price_();

void payment(int p);

int main()

{

int a,b,price;

char m1[100]="movie1",m2[100]="movie2",m3[100]="movie3",m4[100]="movie4";

printf("1.Movie Ticket Booking\n");

printf("select one of the options\n");

scanf("%d",&a);

switch(a)

{

case 1:

{

ticket_booking();

}

case 2:

{

exit(0);

}

}
```

```c
}
void ticket_booking()
{
int price,b;
printf("\nselect MOVIE\n\n");
printf("1.movie1\n2.movie2\n3.movie3\n4.movie4\n");
scanf("%d",&b);
switch(b)
{
case 1:
{
printf("movie1\n");
price_();
break;
}
case 2:
{
printf("movie2\n");
price_();
break;
}
case 3:
{
printf("movie3\n");
price_();
```

```c
break;
}
case 4:
{
printf("movie4\n");
price_();
break;
}
}
}
void price_()
{
int n,p,price=180;
printf("enter no of tickets\n");
scanf("%d",&n);
p=price*n;
printf("price is %d\n",p);
payment(p);
}
void payment(int p)
{
int k;
printf("Select payment method\n");
printf("1.Net Banking\n2.Debit Card\n3.Credit card\n4.Phone Pe\n5.Google pay\n");
scanf("%d",&k);
printf("\n\n\n\n\n");
```

```c
printf("=======================================================================================================");

printf("\nYour Payment is Successful\n");

printf("Booking Details\n");

printf("Theatre : PVR\n");

printf("Time : 6:30 First Show\n");

printf("price is %d\n",p);

}
```
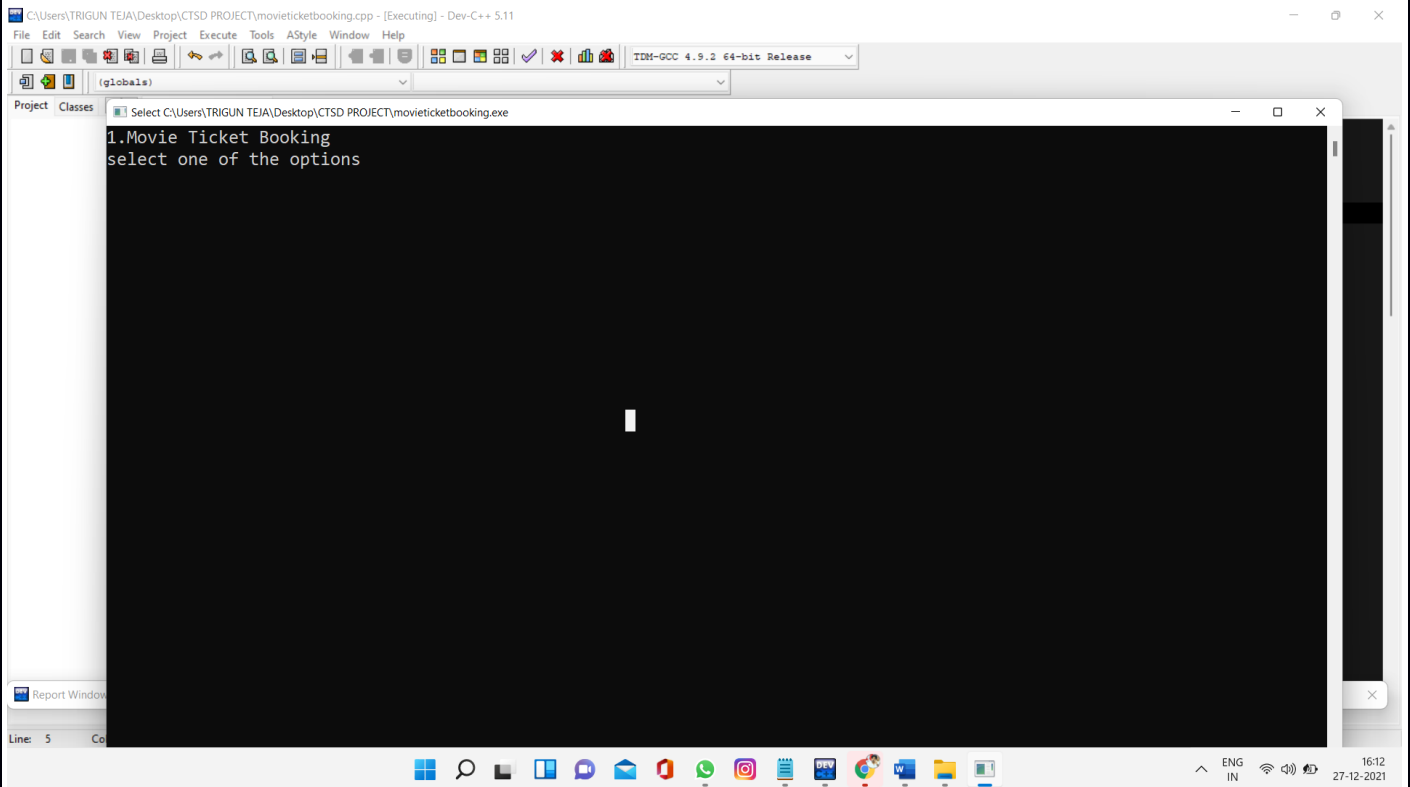
INTEGRATION AND SYSTEM TESTING

OUTPUTS

Screen Shots:

C:\Users\TRIGUN TEJA\Desktop\CTSD PROJECT\movieticketbooking.cpp - [Executing] - Dev-C++ 5.11

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes

C:\Users\TRIGUN TEJA\Desktop\CTSD PROJECT\movieticketbooking.exe

```
1.Movie Ticket Booking
select one of the options
1

select MOVIE

1.movie1
2.movie2
3.movie3
4.movie4
2
movie2
enter no of tickets
3
price is 540
Select payment method
1.Net Banking
2.Debit Card
3.Credit card
4.Phone Pe
5.Google pay
```

C:\Users\TRIGUN TEJA\Desktop\CTSD PROJECT\movieticketbooking.cpp - [Executing] - Dev-C++ 5.11

File   Edit   Search   View   Project   Execute   Tools   AStyle   Window   Help

TDM-GCC 4.9.2 64-bit Release

(globals)

Project   Classes

C:\Users\TRIGUN TEJA\Desktop\CTSD PROJECT\movieticketbooking.exe

```
Select payment method
1.Net Banking
2.Debit Card
3.Credit card
4.Phone Pe
5.Google pay
4




=================================================================================
Your Payment is Successful
Booking Details
Theatre : PVR
Time : 6:30 First Show
price is 540

--------------------------------
Process exited after 24.39 seconds with return value 0
Press any key to continue . . .
```

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CONCLUSION

This project has been developed successfully and the performance of the system has been found satisfactory. Use of this interface helps customer in having immediate information about running movies and reserve their seat without wasting their precious time. User friendly Interface also for the admin to add and delete movie information.