

PROFESSIONAL TRAINING REPORT
at
Sathyabama Institute of Science and Technology
(Deemed to be University)

Submitted in partial fulfillment of the requirements for the award
of Bachelor of Technology Degree in

Information Technology

By

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DEPARTMENT OF INFORMATION TECHNOLOGY
SCHOOL OF COMPUTING

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
Accredited with Grade "A" by NAAC
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SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY

(Established under Section 3 of UGC Act, 1956)
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SCHOOL OF COMPUTING

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of
R.R.AHILA (Reg.no.38120007) who carried out the project entitled
“**THEATRE MANAGEMENT**” under our supervision from Jan 2021 to
April 2021.

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External Examiner

DECLARATION

I **AHILA R R** hereby declare that the Project Report entitled “**THEATRE MANAGEMENT**” done by me under the guidance of **Dr . G . Mathivanan B.Tech., M.E., Ph.D.,** (Internal) and **Dr.SUBHASHINI M.E., Ph.D. ,** (External) at **SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY** is submitted in partial fulfillment of the requirements for the award of Bachelor of Engineering / Technology degree in **INFORMATION TECHNOLOGY**

DATE:

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SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

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TRAINING CERTIFICATE



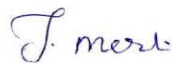
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During the above period, the performance was good & we wish great success in all your future endeavours.



Technology drives the world. We are the people who are behind the technology.

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ABSTRACT

This is a user friendly and menu driven program which is designed to book tickets for a movie by the user by providing the necessary details. When the program is executed, the welcome screen appears showing the logo of the theatre's name and then shows the option to enter as an admin or a user.

When the "book a movie" option is selected the list of all movies running in the theatre is shown. The user has to select a movie and number of tickets to be booked.

The program is a very interactive and interesting with colorful texts making it very close to real life booking of movie tickets as on internet.

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INTRODUCTION

1.1 GENERAL

C++ is a cross-platform language that can be used to create high-performance applications. C++ was developed by Bjarne Stroustrup, as an extension to the C language. C++ gives programmers a high level of control over system resources and memory. The language was updated 3 major times in 2011, 2014, and 2017 to C++11, C++14, and C++17.

Why Use C++:

C++ is one of the world's most popular programming languages c++ can be found in today's operating systems, Graphical User Interfaces, and embedded systems .C++ is an object-oriented programming language which gives a clear structure to programs and allows code to be reused, lowering development costs .C++ is portable and can be used to develop applications that can be adapted to multiple platforms .C++ is fun and easy to learn . As C++ is close to C# and Java, it makes it easy for programmers to switch to C++ or vice versa

2 AIM AND SCOPE

2.1 AIM:

The main motive of this application is to create user-friendly movie ticket & snack booking application which in turn reduces the crowd in theatres .

2.2 PROBLEM STATEMENT:

This project is used to reduce over crowd at theatres .

2.3 SCOPE:

It's easy to manage your calendar.

Online booking systems allow you to check your reservations and availability wherever you are using any mobile device. You always know the status of your business, and your schedule can be easily managed from a convenient location. Customers who book their own reservations are more likely to show up, making no-shows a thing of the past. If a customer does need to cancel, the spot automatically opens online, giving another customer the chance to book it. By maximizing your reservations, you won't leave unused activity spots or rentals on the table.

3 . SYSTEM ANALYSIS AND DESIGN

3.1 TESTING

TYPES OF TESTING:

- Unit testing
- Integration testing
- System testing
- Smoke testing
- Regression testing
- Beta testing
- Acceptance testing

UNIT TESTING:

It focuses on smallest unit of software design. In this we test an individual unit or group of inter related units. It is often done by programmer by using sample input and observing its corresponding outputs.

INTEGRATION TESTING:

Testing is a very important process which is done before implementation of any to make an accurate user friendly, client requirement satisfying software. Testing is a process of executing a program with the aim of finding error. To make our software perform well it should be error free. If testing is done successfully it will remove all the errors from the software. The objective is to take unit tested components and build a program structure that has been dictated by design. Integration testing is testing in which a group of components are combined to produce output. Integration testing is any type of software testing that seeks to verify the interfaces between components against a software design. Software components may be integrated in an iterative way or all together ("big bang"). Normally the former

is considered a better practice since it allows interface issues to be located more quickly and fixed. Integration testing works to expose defects in the interfaces and interaction between integrated components (modules). Progressively larger groups of tested software components corresponding to elements of the architectural design are integrated and tested until the software works as a system.

SYSTEM TESTING:

System testing of software or hardware is testing conducted on a complete, integrated system to evaluate the system's compliance with its specified requirements. System testing falls within the scope of black-box testing. and as such, should require no knowledge of the inner design of the code or logic.

SMOKETESTING:

In software testing, smoke Testing is preliminary testing to reveal simple failures severe enough to, for example, reject a prospective software release. Smoke tests are a subset of test cases that cover the most important functionality of a component or system, used to aid assessment if main functions of the software appear to work correctly. When used to determine if a computer program should be subjected to further, more fine-grained testing.

Alternately, it is a set of tests run on each new build of a product to verify that the build is testable before the build is released into the hands of the test team.

Regression testing:

Regression testing is the process of testing changes to computer programs to make sure that the older programming still works with the new changes. Regression testing is a normal part of the program development process and, in larger companies, is done by code testing specialists. Test department coders develop code test scenarios and exercises that will test new units of code after they have been written. These test cases form what becomes the test bucket. Before a new version of a software product is released, the old test cases are run against the new version to make sure that all the old capabilities still work. The reason they might not work is

because changing or adding new code to a program can easily introduce errors into code that is not intended to be changed.

Beta testing:

Beta Testing is one of the Acceptance Testing types, which adds value to the product as the end-user (intended real user) validates the product for functionality, usability, reliability, and compatibility. Since Beta Testing happens at the end user's side, it cannot be the controlled activity.

Acceptance testing:

Acceptance testing, a testing technique performed to determine whether or not the software system has met the requirement specifications. The main purpose of this test is to evaluate the system's compliance with the business requirements and verify if it has met the required criteria for delivery to end users.

3.2 SOFTWARES USED

The first release of Turbo C++ was made available during the MS-DOS era on personal computers. Version 1.0, running on MS-DOS, was released in May 1990. An OS/2 version was produced as well. Version 1.01 was released on February 28, 1991, running on MS-DOS. The latter was able to generate both COM and EXE programs and was shipped with Borland's Turbo Assembler compiler for Intel x86 processors. The initial version of the Turbo C++ compiler was based on a front end developed by TauMetric (TauMetric was later acquired by Sun Microsystems and their front end was incorporated in Sun C++ 4.0, which shipped in 1994). This compiler supported the AT&T 2.0 release of C++.

Turbo C++ 3.0 was released in 1991 (shipping on November 20), and came in amidst expectations of the coming release of Turbo C++ for Microsoft Windows. Initially released as an MS-DOS compiler, 3.0 supported C++ templates, Borland's inline assembler, and generation of MS-DOS mode executable for both 8086 real mode and 286 protected mode (as well as the Intel 80186.) 3.0 implemented AT&T C++ 2.1, the most recent at the time. The separate Turbo Assembler product was no longer included, but the inline-assembler could stand in as a reduced functionality version.

- Borland first introduced Turbo C++ in 1990.
- It is a C++ compiler and integrated development environment (IDE) and computer language.
- Turbo C++ provides an environment called IDE (Integrated Development Environment).
- The editor is used to create the source file, compile it, link it and then execute it.

HEADER FILES USED AND THEIR PURPOSES

- FSTREAM.H - For handling files, cin and cout.
- CONIO.H - For clrscr() and getch() functions
- STRING.H - For string handling
- STDIO.H - For standard I/O operations
- DOS.H - For delay() function
- PROCESS.H - For exit() function
- GRAPHICS.H - For graphics handling

CLASS DETAILS

CLASS 1 :

CLASS NAME:

- Admin

DATA MEMBERS:

int - x,y,no

char - ch[20] ,name[30], username[30], password[10], cast[25],
movname[20],rate[10],direct[20],genre[10],lang[10].

MEMBER FUNCTIONS:

- void add()
- void del()

CLASS 2:

CLASS NAME:

- user

DATA MEMBERS:

char - name[30], e[35],username[10],password[10],mno[15],

MEMBER FUNCTIONS:

- void userdata()

3.3 METHODOLOGY:

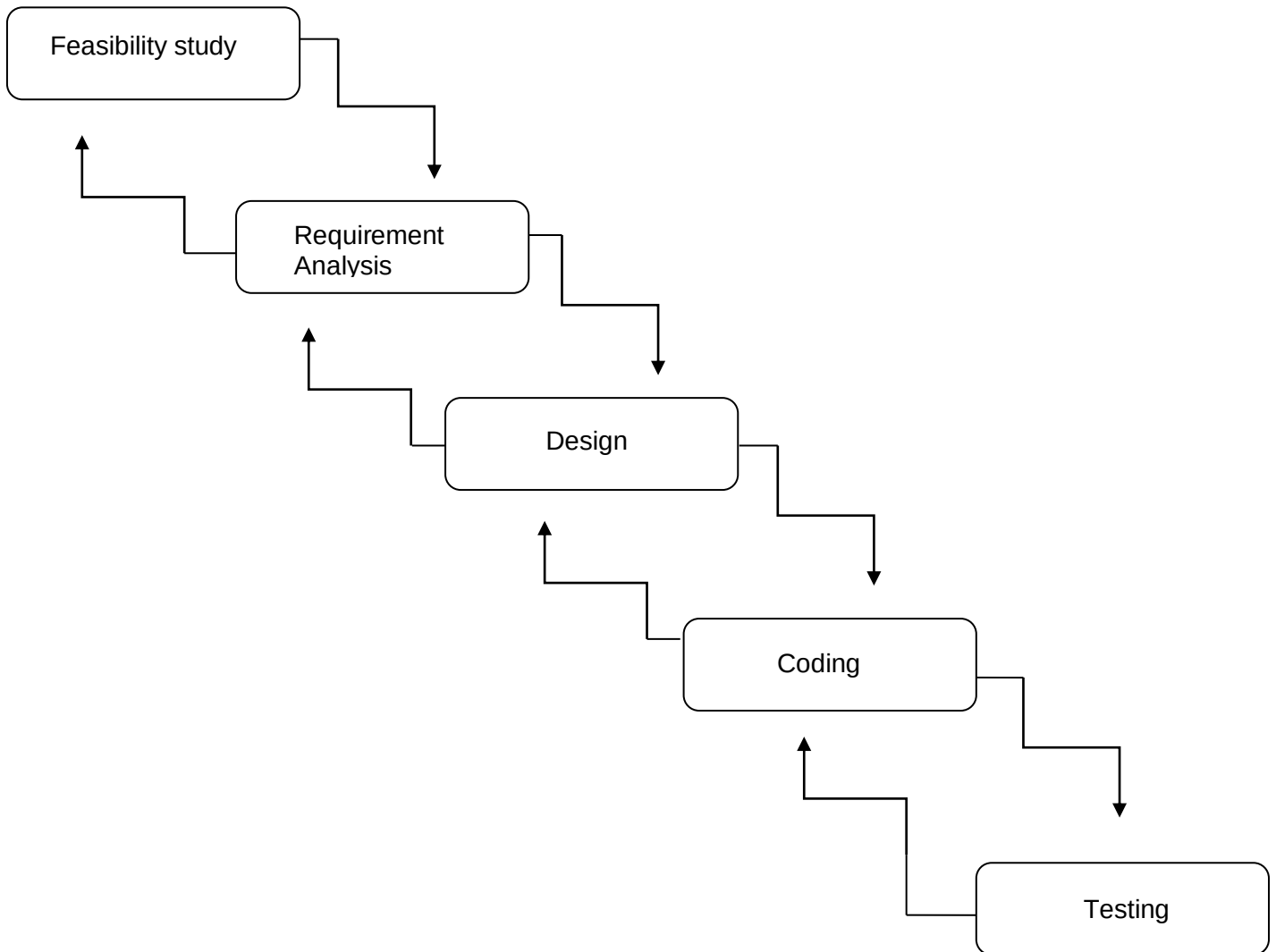


Fig 1.1

3.4 PROJECT DESCRIPTION

This is a user friendly and menu driven program which is designed to book tickets for a movie by the user by providing the necessary details.

When the program is executed, the welcome screen appears showing the logo of the theatre's name and then shows the option to enter as an admin or a user.

The admin menu has 3 menus:

- Add movies
- Delete movies
- Exit as admin

The user menu has a simple menu containing the options:

- Book a movie
- Current movies
- Exit as user

When the “book a movie” option is selected the list of all movies running in the theatre is shown. The user has to select a movie and number of tickets to be booked. You can book your favorite snack with your favorite movie.

The program is a very interactive and interesting with colorful texts making it very close to real life booking of movie tickets as on internet.

4 . RESULT AND DISCUSSION

4.1 SYSTEM REQUIREMENTS

HARDWARE REQUIREMENTS:

- Intel Pentium II Processor or higher
- 128 MB of RAM or higher
- 15" CRT / TFT / LCD color monitor
- 102 keys keyboard
- Mouse

SOFTWARE REQUIREMENTS:

- Disk Operating System
- Turbo C++

4.2 RESULT :

The main motive of this application is to create user-friendly movie ticket & snack booking application which in turn reduces the crowd in theatres was implemented successfully .

5 . CONCLUSION & FUTURE WORK

5.1 CONCLUSION:

From this project we had come across many situations where much system defined function. We used had some inherent nature which made debugging the system tediously. Some features are implemented there is a scope for improvement in enhancing the user experience of the software and other features should have to be incorporated as the requirement increases

5.2 FUTURE WORK:

This project describes about “THEATRE MANAGEMENT” in this I will further add more efficient algorithms and implement in realtime and try to add front-end.

5.3 REFERENCE

BOOKS USED AS REFERENCE:

- COMPUTER SCIENCE WITH C++
BY SUMITHA ARORA
- The C++ Programming Language

WEBSITE USED AS REFERENCE:

- WWW.CPLUSPLUS.COM
- www.geeksforgeeks.org

APPENDIX:

SOURCE CODE:

```
#include<fstream.h>
```

```
#include<conio.h>
```

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

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

```
#include<dos.h>
```

```
#include<process.h>
```

```
#include<graphics.h>
```

```
int ch, ch2, ch3, ch4, ch5, ch6,ch7,ch8,ch9,ch10,ch11,ch12, ch13, ch14;
```

```
int a, b ,c, n, i, j, cvv, l, mn, dt, yr ,ticket, tic[10],row[2] ,seatcopy[13][6];
```

```
int economy=0,elite=0,premire=0, amount=0,amt=0,count=0;
```

```
char username[30],pass[45],con, carduser[20],cardpwd[10],cardno[17],pin[9];
```

```
char ch15, tick[10], seat[13][6], seatno;
```

```
class admin
```

```
{    public:
```

```
    int x,y,no;
```

```
    char ch[20];
```

```
    char name[30];
```

```
    char username[30];
```

```
    char password[10];
```

```
    char emailid[25];
```

```
    char cast[25];
```

```
    char movname[20];

    char rate[10];

    char direct[20];

    char genre[10];

    char lang[10];

    void add();

    void del();

}s;

class user
{
public:

    char name[30];

    char e[35];

    char username[10];

    char password[10];

    char mno[15];

    void userdata();

}ss1;

void logo();

void intro();

void admin_login();

void admin_menu();

void movrunning();

void user_acc();
```

```
void signup();  
void signin();  
void user_disp();  
void faq();  
void contact();  
void vision();  
void booking();  
void timing();  
void show_timing();  
void seating1();  
void seating2();  
void ticketdisp();  
void snack(int,int,int,int);  
void transaction();  
void trans();  
void thankyou();  
void main()  
{  
    clrscr();  
    logo();  
    intro();  
    getch();  
}  
void intro()
```

```

{
    clrscr();
    textcolor(MAGENTA);
    gotoxy(27,10);cputs(" 1) To login as Admin");
    gotoxy(27,12);cputs(" 2) To login as User");
    gotoxy(27,14);cputs(" 3) Exit");
    gotoxy(25,16);cputs("Enter your choice(1/2/3): ");
    cin>>ch;
    switch(ch)
    {
        case 1 : admin_login();
                break;
        case 2 : clrscr();
                user_acc();
                break;
        case 3 : exit(0);
                break;
        default: intro();
    }
}

void admin_login()
{
    clrscr();
    textcolor(CYAN);

```

```

gotoxy(30,9); cputs("USERNAME:");

gotoxy(41,9);cin>>username;

gotoxy(30,10);cputs("PASSWORD:");

gotoxy(41,10);

char aa[20],ch3;

int n2,v1=1;

for(int i=0;i<20;i++)

    { ch3=getch();

      v1=ch3;

      if(v1!=13)

          { pass[i]=ch3;

            n2=i;

            cout<<'\\4';

          }

      if(v1==13)

          break; }

pass[n2+1]='\\0';

clrscr();

cout<<"\\nChecking Username and Password Combination ";

for(int che=0;che<7;che++)

{

delay(400);  cout<<".";

}

a=strcmp("admin",username);

```

```

b=strcmp("password",pass);
if(a==0&&b==0)
{
    clrscr();

    gotoxy(30,10);cout<<"Logging in";

    for(int che=0;che<8;che++)
    {
        delay(400);cout<<".";
    }

    admin_menu();
}

else
{
    clrscr();

    gotoxy(26,13);cputs("Wrong username or password...Try again!!");

    getch();

    admin_login();
}

}

void admin_menu()
{
    clrscr();

    textcolor(MAGENTA);

    gotoxy(27,2);for( int i=0;i<19;i++)cout<<char(4);

```

```

gotoxy(33,3);cputs("ADMIN");

gotoxy(27,4);for(i=0;i<19;i++)cout<<char(4);

gotoxy(30,8);cputs("1) Add movie");

gotoxy(30,9);cputs("2) Delete movie");

gotoxy(30,10);cputs("3) Go back");

gotoxy(30,11);cputs("4) Exit");

gotoxy(25,13);cputs("Enter your choice(1/2/3): ");

cin>>ch12;

switch (ch12)
{
    case 2:    s.del();

                break;

    case 1:    s.add();

                break;

    case 3:    intro();

                break;

    case 4:    exit(0);

    default:   cout<<"Wrong Choice";

}

}

```

```

void admin :: add()

{

movrunning();

```

```

cout<<"Press any key to add movie";

getch();

char ch='y';

ofstream s1("new.txt",ios::app);

while(ch=='y')

{

    clrscr();

    textcolor(CYAN);

    gotoxy(26,5);cputs("MOVIE NO:");

    gotoxy(40,5);cin>>s.no;

    gotoxy(26,7);cputs("MOVIE NAME:");

    gotoxy(40,7);gets(s.movname);

    gotoxy(26,9);cputs("DIRECTOR:");

    gotoxy(40,9);gets(s.direct);

    gotoxy(26,11);cputs("CAST:");

    gotoxy(40,11);gets(s.cast);

    gotoxy(26,13);cputs("GENRE:");

    gotoxy(40,13);gets(s.genre);

    gotoxy(26,15);cputs("RATING:");

    gotoxy(40,15);gets(s.rate);

    gotoxy(26,17);cputs("LANGUAGE:");

    gotoxy(40,17);gets(s.lang);

    s1.write((char*)&s,sizeof(s));

    clrscr();

```

```

gotoxy(20,17);cputs("Movie has been successfully added!!!");
gotoxy(20,18);cputs("Do u want to add more movies(y/n)?  ");
cin>>ch;
}

s1.close();

movrunning();

getch();

admin_menu();
}

void admin :: del()

{

int r;

char ch;

movrunning();

ofstream s3("d.txt",ios::out);

cout<<endl<<"Enter movie no to be deleted: ";

cin>>r;

ifstream s4("new.txt",ios::in);

s4.seekg(0);

while(s4.read((char*)&s,sizeof(s)))

{

    if(s.no!=r)

        s3.write((char*)&s,sizeof(s));

}

```

```

s3.close();

s4.close();

remove("new.txt");

rename("d.txt","new.txt");

cout <<endl<<"The movies are";

clrscr();

movrunning();

getch();

admin_menu();

}

void movrunning()

{

clrscr();

cout<<endl<<"MOVIES RUNNING IN INOX"<<endl;

ifstream s2("new.txt",ios::in);

s2.seekg(0);

while(s2.read((char*)&s,sizeof(s)))

{

    delay(200);

    cout<<s.no;

    cout<<char(16);

    cout<< s.movname<<endl;

}

s2.close();

```

```

}

void user::userdata()
{
    textcolor(CYAN)    ;

    gotoxy(26,3);for(i=0;i<22;i++)cout<<char(4);

    gotoxy(32,4);cputs("USER DETAILS");

    gotoxy(26,5);for(i=0;i<22;i++)cout<<char(4);

    gotoxy(23,7);cputs("NAME:");

    gotoxy(44,7);gets(name);

    gotoxy(23,9);cputs("USERNAME:");

    gotoxy(44,9);gets(username);

    gotoxy(23,11);cputs("LOGIN PASSWORD:");

    char aa[20],ch3;

    int n2,v1=1;

    for(int i=0,j=44;i<20;i++,j++)

        { ch3=getch();

            v1=ch3;

            if(v1!=13)

                { password[i]=ch3;

                    n2=i;

                    gotoxy(j,11);cout<<'\\4';

                }

            if(v1==13)

                break;}

```

```

        password[n2+1]='\0';
gotoxy(23,13);cputs("EMAIL ID:");
gotoxy(44,13);gets(e);
gotoxy(23,15);cputs("MOBILE NUMBER:");
gotoxy(44,15);gets(mno);
}
void user_acc()
{
label1:
int d;
clrscr();
textcolor(GREEN);
gotoxy(28,3);for(i=0;i<14;i++)cout<<char(4);
gotoxy(32,4);cputs("LOGIN");
gotoxy(28,5);for(i=0;i<14;i++)cout<<char(4);
gotoxy(29,7);cputs("1.New user");
gotoxy(29,8);cputs("2.Already registered");
gotoxy(29,9);cputs("3.Exit");
gotoxy(27,12);cputs("Enter your choice(1/2/3): ");
cin>>d;
switch(d)
{
    case 1 :  signup();
              goto label1;

```

```

        case 2 :   signin();

                    break;

        case 3 :   exit(0);

                    break;

        default:   cout<<"WRONG CHOICE!!!";

    }

}

void signup()

{

ofstream f6("users.txt",ios::app);

clrscr();

gotoxy(26,2);

cout<<char(2)<<"WELCOME TO INOX"<<char(2);

ss1.userdata();

f6.write((char*)&ss1,sizeof(ss1));

f6.close();

}

void signin()

{

char uname[15],upass[10],ch2;

int z1,z2,r;

label2:

clrscr();

textcolor(MAGENTA);

```

```

gotoxy(31,7);cout<<"username:";

gotoxy(48,7);gets(uname);

gotoxy(31,8);cout<<"password:";

gotoxy(48,8);

char aa[20],ch3;

    int n2,v1=1;


    for(int i=0;i<20;i++)
    { ch3=getch();

        v1=ch3;

        if(v1!=13)

            { upass[i]=ch3;

                n2=i;

                cout<<"\4";

            }

        if(v1==13)

            break;}

        upass[n2+1]='\0';

clrscr();gotoxy(26,10);

cout<<"Checking username and password combination";

for(int che=0;che<7;che++)

{

    delay(400);cout<<".";

}

```

```
ifstream f7("users.txt",ios::in);

f7.seekg(0);

while(!f7.eof())

{

f7.read((char*)&ss1,sizeof(ss1));

z1=strcmp(ss1.username,uname);

z2=strcmp(ss1.password,upass);

if((z1==0)&&(z2==0))

    {

        clrscr();

        gotoxy(28,10);

        cout<<"Logging in";

        for(int che=0;che<7;che++)

        {

            delay(400);cout<<".";

        }

        user_disp();

    }

}

f7.close();

clrscr();

cout<<"\n\n\t\t\tUSERNAME / PASSWORD mismatching!!!\n\n";

cout<<"\t\t\t\t1. Try SIGNING IN once more\n";

cout<<"\t\t\t\t2. Go to LOGIN PAGE\n\n";
```

```
cout<<"Enter your CHOICE : ";
```

```
cin>>ch10;
```

```
clrscr();
```

```
    if(ch10==1)
```

```
        goto label2;
```

```
    else if(ch10==2)
```

```
        user_acc();
```

```
    }
```

```
void user_disp()
```

```
{
```

```
char ch2;
```

```
clrscr();
```

```
textcolor(YELLOW);
```

```
gotoxy(27,1);for(i=0;i<18;i++)cout<<char(4);
```

```
gotoxy(31,2);cputs("Dear User");
```

```
gotoxy(28,3);cputs(" WELCOME TO INOX");
```

```
gotoxy(27,4);for(i=0;i<18;i++)cout<<char(4);
```

```
gotoxy(30,10);cputs("3) VISION");
```

```
gotoxy(30,8);cputs("1) BOOK MOVIES");
```

```
gotoxy(30,9);cputs("2) CURRENT MOVUES");
```

```
gotoxy(30,11);cputs("4) FAQ");
```

```
gotoxy(30,12);cputs("5) CONTACT US");
```

```
gotoxy(30,13);cputs("6) GO BACK");
```

```
gotoxy(30,14);cputs("7) Exit");  
gotoxy(32,15);cin>>ch2;  
switch(ch2)  
{  
    case '3': vision();  
        getch();  
        user_disp();  
        break;  
    case '1': booking();  
        break;  
    case '2':  movrunning();  
        getch();  
        user_disp();  
        break;  
    case '4':  faq();  
        getch();  
        user_disp();  
        break;  
    case '5':  contact();  
        getch();  
        user_disp();  
        break;  
    case '6':  user_acc();  
        break;
```

```

        case '7':    exit(0);

                    break;

        default :    user_disp();

    }

}

void contact()

{

clrscr();

gotoxy(27,2);for(i=0;i<18;i++)cout<<char(4);

gotoxy(32,3);cout<<"CONTACT US";

gotoxy(27,4);for(i=0;i<18;i++)cout<<char(4);

    cout<<"\n\n\t\t\t\t-Our Corporate Office :";

    cout<<"\n\t\t\t\t#25, 5th Floor,";

    cout<<"\n\t\t\t\tDisha Complex, Lake View Road,";

    cout<<"\n\t\t\t\tadayar Main Road,";

    cout<<"\n\t\t\t\tChennai - 600042";

    cout<<"\n\n\t\t\t\t-Phone Number:";

    cout<<"\n\t\t\t\t\t044-623311";

    cout<<"\n\t\t\t\t\t9368944226";

    cout<<"\n\n\t\t\t\t-Email id:";

    cout<<"\n\t\t\t\t\tinoxcinemas@gmail.com";

    getch();

    cout<<"\n\n\n\t\t\t\tPress any key to GO BACK";

}

```

```

void vision()
{
    clrscr();

    gotoxy(27,2);for(i=0;i<18;i++)cout<<char(4);

    gotoxy(32,3);cout<<"VISION";

    gotoxy(27,4);for(i=0;i<18;i++)cout<<char(4);

    gotoxy(10,7);

    cout<<"\tA Superior Sensory and Social cinematic experience INOX offers";

    cout<<"\n seamless service and a wealth of amenities INOX is a culmination of
style,";

    cout<<"\n innovation and setting like never before.";

    getch();
}

void faq()
{clrscr();

    gotoxy(29,2);for(i=0;i<16;i++)cout<<char(4);

    gotoxy(34,3);cout<<"FAQ";

    gotoxy(29,4);for(i=0;i<16;i++)cout<<char(4);

    cout<<"\n-What are the benefits of registering on our site ?";

    cout<<"\n  Registration with CINE HUT ensures that you have a hassle-free
transaction  and provides you with a world-class cinema viewing.";

    cout<<"\n\n-Can I cancel the tickets that I have booked online and get a
refund ?";

    cout<<"\n  No, tickets once bought cannot be cancelled, refunded or

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exchanged.";

cout<<"\n\n-Can I change my seat numbers?";

cout<<"\n  No. It is not possible to change the seat numbers of a ticket once
booked.";

cout<<"\n\n-If I am late for the film will my seat be held ?";

cout<<"\n  Once your purchase has been confirmed, your admission is held
and will not be sold to another customer.";

cout<<"\n\n-What is the minimum age of children to buy a ticket :";

cout<<"\n  Children aged 3 years and above will require a separate ticket.";


cout<<"\n\n\t\t\t\t Press any key to GO BACK";

}

void booking()
{
clrscr();

movrunning();

cout<<endl<<"ENTER MOVIE NO TO BOOK: ";

cin>>ch3;

ifstream s2("new.txt",ios::in);

s2.seekg(0);

while(!s2.eof())
{

s2.read((char*)&s,sizeof(s));

if(ch3==s.no)

```

```

{
    clrscr();

    delay(500);gotoxy(26,5);cputs("MOVIE NO:");

    gotoxy(40,5);cout<<s.no;

    delay(500);gotoxy(26,7);cputs("MOVIE NAME:");

    gotoxy(40,7);puts(s.movname);

    delay(500);gotoxy(26,9);cputs("DIRECTOR:");

    gotoxy(40,9);puts(s.direct);

    delay(500);gotoxy(26,11);cputs("CAST:");

    gotoxy(40,11);puts(s.cast);

    delay(500);gotoxy(26,13);cputs("GENRE:");

    gotoxy(40,13);puts(s.genre);

    delay(500);gotoxy(26,15);cputs("RATING:");

    gotoxy(40,15);puts(s.rate);

    delay(500);gotoxy(26,17);cputs("LANGUAGE:");

    gotoxy(40,17);puts(s.lang);

    gotoxy(26,19);cputs("1) Proceed to book");

    gotoxy(26,20);cputs("2) Go back");

    gotoxy(26,22);cputs("Enter your choice  ");

    cin>>ch7;

    if(ch7==1)

        timing();

    else if(ch7==2)

        booking();

```

```

        else

            booking() ;

    }

}

s2.close();

}

void timing()

{

clrscr();

void nextdate(int,int,int);

gotoxy(26,3);for(i=0;i<22;i++)cout<<char(4);

gotoxy(32,4);cputs("BOOKING DATE");

gotoxy(26,5);for(i=0;i<22;i++)cout<<char(4);

gotoxy(17,7);cout<<"ENTER TODAY DATE (dd/mm/yy)(separated by space):";

cin>>dt>>mn>>yr;

nextdate(dt,mn,yr);

}

void nextdate(int d,int m,int y)

{

for(int i=0, w=9;i<2;i++,w++)

{

int k=y%4;

if((((d==31)&&(m==1||m==3||m==5||m==7||m==8||m==10))||((d==30)&&(m==4)))

{

```

```

d=1;

m=m+1;

}

else if((d==31)&&(m==12))

{

d=1;

m=1;

y=y+1;

}

else if(((k==0)&&(d==29)&&(m==2))||((k!=1)&&(d==28)&&(m==2)))

{d=1;

m=3;

}

else

{d=d+1;

}

gotoxy(26,w);cout<<i+1<<" " << d<<"/" <<m<<"/" <<y;

}

gotoxy(20,13);cout<<"Enter your choice(1/2): ";

cin>>ch13;

getch();

show_timing();

}

```

```

void show_timing()
{
    clrscr();

    gotoxy(28,5);

    gotoxy(27,3);for(i=0;i<22;i++)cout<<char(4);

    gotoxy(32,4);cputs("SHOW TIMING");

    gotoxy(27,5);for(i=0;i<22;i++)cout<<char(4);

    gotoxy(28,8);cputs("1) MORNING SHOW - 10.00 - 12.30") ;

    gotoxy(28,9);cputs("2) MATNEE      - 14.30 - 17.00");

    gotoxy(28,10);cputs("3) EVENING SHOW - 18.30 - 21.00");

    gotoxy(28,11);cputs("4) NIGHT SHOW  - 22.00 - 00.30");

    gotoxy(24,14);cputs("Enter your choice  ");

    cin>> ch14;

    if(count==0)

        seating1();

    else

        seating2();

}

```

```

void seating1()

{

    clrscr();

    for(int i = 0; i < 13; i++)

    {

```

```

for(int j = 0; j < 6; j++)
{
    seat[i][j] = '*';
    seatcopy[i][j] = 0;
}
}

seating2();
}

void seating2()
{clrscr();

gotoxy(28,1);cout<<" INOX LEISURE UNLIMITED";

gotoxy(8,2);cout<<"  ROW 1-2";gotoxy(32,2);cout<<"  ROW 3-
7";gotoxy(50,2);cout<<"          ROW 8-13\n";

cout<<"\t  ELITE          PREMIERE          ECONOMY  \n";
cout<<"\t  Rs.500          Rs.300          Rs.200   \n";

gotoxy(28,5);cout<<"SEATING ARRANGEMENT "<<endl;

cout<<"\t * - Available";

cout<<"\t X - Occupied"<<endl;

cout<<endl;

cout<<"  \t \tA\tB\tC\tD\tE\tF"<<endl;

cout<<"\tRow 1\t"<<seat[0][0]<<"\t"<<seat[0][1]<<"\t"
<<seat[0][2]<<"\t"<<seat[0][3]<<"\t"<<seat[0][4]<<"\t"
<<seat[0][5]<<endl;

cout<<"\tRow 2\t"<<seat[1][0]<<"\t"<<seat[1][1]<<"\t"

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```

<<seat[1][2]<<"\t"<<seat[1][3]<<"\t"<<seat[1][4]<<"\t"
<<seat[1][5]<<endl;

cout<<"\tRow 3\t"<<seat[2][0]<<"\t"<<seat[2][1]<<"\t"
<<seat[2][2]<<"\t"<<seat[2][3]<<"\t"<<seat[2][4]<<"\t"
<<seat[2][5]<<endl;

cout<<"\tRow 4\t"<<seat[3][0]<<"\t"<<seat[3][1]<<"\t"
<<seat[3][2]<<"\t"<<seat[3][3]<<"\t"<<seat[3][4]<<"\t"
<<seat[3][5]<<endl;

cout<<"\tRow 5\t"<<seat[4][0]<<"\t"<<seat[4][1]<<"\t"
<<seat[4][2]<<"\t"<<seat[4][3]<<"\t"<<seat[4][4]<<"\t"
<<seat[4][5]<<endl;

cout<<"\tRow 6\t"<<seat[5][0]<<"\t"<<seat[5][1]<<"\t"
<<seat[5][2]<<"\t"<<seat[5][3]<<"\t"<<seat[5][4]<<"\t"
<<seat[5][5]<<endl;

cout<<"\tRow 7\t"<<seat[6][0]<<"\t"<<seat[6][1]<<"\t"
<<seat[6][2]<<"\t"<<seat[6][3]<<"\t"<<seat[6][4]<<"\t"
<<seat[6][5]<<endl;

cout<<"\tRow 8\t"<<seat[7][0]<<"\t"<<seat[7][1]<<"\t"
<<seat[7][2]<<"\t"<<seat[7][3]<<"\t"<<seat[7][4]<<"\t"
<<seat[7][5]<<endl;

cout<<"\tRow 9\t"<<seat[8][0]<<"\t"<<seat[8][1]<<"\t"
<<seat[8][2]<<"\t"<<seat[8][3]<<"\t"<<seat[8][4]<<"\t"
<<seat[8][5]<<endl;

cout<<"\tRow 10\t"<<seat[9][0]<<"\t"<<seat[9][1]<<"\t"

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```

<<seat[9][2]<<"\t"<<seat[9][3]<<"\t"<<seat[9][4]<<"\t"
<<seat[9][5]<<endl;

cout<<"\tRow 11\t"<<seat[10][0]<<"\t"<<seat[10][1]<<"\t"
<<seat[10][2]<<"\t"<<seat[10][3]<<"\t"<<seat[10][4]<<"\t"
<<seat[10][5]<<endl;

cout<<"\tRow 12\t"<<seat[11][0]<<"\t"<<seat[11][1]<<"\t"
<<seat[11][2]<<"\t"<<seat[11][3]<<"\t"<<seat[11][4]<<"\t"
<<seat[11][5]<<endl;

cout<<"\tRow 13\t"<<seat[12][0]<<"\t"<<seat[12][1]<<"\t"
<<seat[12][2]<<"\t"<<seat[12][3]<<"\t"<<seat[12][4]<<"\t"
<<seat[12][5]<<endl;

lb2:

cout<<endl;

cputs("How many tickets you want to book?: ");

cin>>l;

for(j=0;j<l;j++)

{

cputs("Enter Ticket type(1/2/3): ");

cin>>ticket;

cputs("Desired Row: ");

cin>>row[0];

cputs("Desired seat (A,B,C,D,E or F): ");

cin>>seatno;

switch(seatno)

```

```
{  
  
    case 'A':  
  
    case 'a':    row[0] = row[0] - 1;  
                row[1] = 1;  
                row[1] = row[1] - 1;  
                break;  
  
  
    case 'B':  
  
    case 'b':    row[0] = row[0] - 1;  
                row[1] = 2;  
                row[1] = row[1] - 1;  
                break;  
  
    case 'C':  
  
    case 'c':    row[0] = row[0] - 1;  
                row[1] = 3;  
                row[1] = row[1] - 1;  
                break;  
  
    case 'D':  
  
    case 'd':    row[0] = row[0] - 1;  
                row[1] = 4;  
                row[1] = row[1] - 1;  
                break;
```

```

        case 'E':

        case 'e':    row[0] = row[0] - 1;

                     row[1] = 5;

                     row[1] = row[1] - 1;

                     break;

        case 'F':

        case 'f':    row[0] = row[0] - 1;

                     row[1] = 6;

                     row[1] = row[1] - 1;

                     break;

    }

    if(ticket == 1 )

    {

        if(row[0]+1 == 1 || row[0]+1 == 2)

        {

            if(seatcopy[row[0]][row[1]] == 0)

            {

                seatcopy[row[0]][row[1]] = 1;

                seat[row[0]][row[1]] = 'X';

            }

            else if(seatcopy[row[0]][row[1]] == 1)

```

```

        {
            cout<<"Message: Seat "<<row[0] + 1<<seatno<<" is already
occupied"<<endl;

            getch();
            goto lb2;
        }
    }

    else
    {
        cputs("Wrong Class");cout<<endl;
        getch();
        clrscr();
        seating2();
    }

}

else if(ticket ==2)
{
    if(row[0]+1 == 3 || row[0]+1 == 4 || row[0]+1 == 5
|| row[0]+1 == 6|| row[0]+1 == 7)
    {
        if(seatcopy[row[0]][row[1]] == 0)
        {
            seatcopy[row[0]][row[1]] = 1;
            seat[row[0]][row[1]] = 'X';

```

```

    }

    else if(seatcopy[row[0]][row[1]] == 1)
    {
        cout<<"Message: Seat "<<row[0] + 1<<" is already
occupied"<<endl;

        getch();

        goto lb2;
    }
}

else
{
    cputs("Wrong Class");cout<<endl;

    getch();

    clrscr();

    seating2();
}

}

else if(ticket ==3)
{
    if(row[0]+1 == 8 || row[0]+1 == 9 || row[0]+1 == 10
|| row[0]+1 == 11|| row[0]+1 == 12|| row[0]+1 == 13)
    {
        if(seatcopy[row[0]][row[1]] == 0)
        {

```

```

        seatcopy[row[0]][row[1]] = 1;
        seat[row[0]][row[1]] = 'X';
    }
    else if(seatcopy[row[0]][row[1]] == 1)
    {
        cout<<"Message: Seat "<<row[0] + 1<<seatno<<" is already
occupied"<<endl;

        getch();
        goto lb2;
    }
    }

    else
    {
        cputs("Wrong Class");cout<<endl;
        getch();
        clrscr();
        seating2();
    }
}

tic[j]=row[0]+1 ;
tick[j]=seatno;
row[1] = 0;
}

transaction();

```

```

}

void snack(int economy,int premire,int elite,int amount) ///snack
{
lab:

clrscr();

textcolor(YELLOW);

gotoxy(17,3);cout<<char(2);cputs("WHY DO YOU WANT TO WAIT IN A QUEUE
WHEN U CAN BUY NOW??");cout<<char(2);

gotoxy(24,5);cputs("1)Large Popcorn Tub      Rs.80");
gotoxy(24,7);cputs("2)Regular Coke      Rs.40");
gotoxy(24,9);cputs("3)French fries   Rs 50");
gotoxy(20,11);cputs("Enter the item no you want   ");
cin>>ch6;

switch(ch6)
{
case 1 : cout<<endl;cputs("      No of items:");

        cin>>ch8;

        cout<<"\n\nDo you want to buy more(y/n)??   ";

        cin >>con;

        if(con=='y')
        {amt+=(ch8*80);

        goto lab;

        }

        else if(con=='n')

```

```
amt+=(ch8*80);
```

```
else
```

```
amt+=(ch8*80);
```

```
break;
```

```
case 2: cout<<"No of items: ";
```

```
cin>>ch8;
```

```
cout<<"\n\nDo you want to buy more(y/n)??  ";
```

```
cin >>con;
```

```
if(con=='y')
```

```
{amt+=(ch8*40);
```

```
goto lab;
```

```
}
```

```
else if(con=='n')
```

```
amt+=(ch8*40);
```

```
else
```

```
amt+=(ch8*40);
```

```
break;
```

```
case 3: cout<<"No of items:  ";
```

```
cin>>ch8;
```

```
cout<<"\n\nDo you want to buy more(y/n)??  ";
```

```
cin >>con;
```

```
if(con=='y')
```

```
{amt+=(ch8*50);
```

```
goto lab;
```

```

    }

    else if(con=='n')

        amt+=(ch8*50);

    else

        amt+=(ch8*50);

    break;


default :cputs("wrong choice");

}

clrscr();

gotoxy(9,3);

for(int i=0;i<=59;i++)

cout<<char(4);

cout<<"\n\t\t\t\t INOX ";

cout<<"\n\n\t\t\t\t BOOKING DETAILS";

cout<<"\n\n\t\t YOU HAVE CHOSEN TO WATCH:"<<s.movname;

cout<<"\n\n\t\t NO. OF SEATS\t\t\t AMOUNT";

cout<<"\n\n\t\t ECONOMY\t : "<<economy<<"\t\t"<<economy*200;

cout<<"\n\t\t PREMIRE\t\t : "<<premire<<"\t\t"<<premire*300;

cout<<"\n\t\t ELITE\t\t : "<<elite<<"\t\t"<<elite*500;

cout<<"\n\n\t\tTICKET COST: Rs."<<amount;

cout<<"\n\t\tSNACKS COST: Rs."<<amt;

cout<<"\n\t\t\t\t\t\t\t\t\t\t GRAND TOTAL\t Rs."<<amt+amount;

gotoxy(10,19);
```

```

for( i=0;i<=59;i++)

cout<<char(4);


cout<<"\n\t\t\t1) GO BACK";

cout<<"\n\t\t\t2) PROCEED TO PAY";

cout<<endl<<"\t\t\tEnter ur choice:  ";

cin>>ch9;

    if(ch9==1)

        goto lab;

    else if(ch7==2)

        trans();

delay(500);

trans();

}

void transaction()

{

clrscr();

for(int i=0;i<l;i++)

{

    if(tic[i]<3)

    {

        elite++;

        amount+=500;

```

```

    }
else
    if(tic[i]>2&&tic[i]<8)
    {
        amount+=300;
        premire++;
    }
else
    {
        amount+=200;
        economy++;
    }
}

clrscr();

gotoxy(9,3);

for( i=0;i<=59;i++)

cout<<char(4);

cout<<"\n\t\t\t\t\t INOX ";

cout<<"\n\n\n\t\t\t\t\t BOOKING DETAILS";

cout<<"\n\n\n\t\t\t\t\t YOU HAVE CHOSEN TO WATCH:"<<s.movname;

cout<<"\n\n\n\t\t\t\t\t NO. OF SEATS\t\t\t\t\t AMOUNT";

cout<<"\n\n\n\t\t\t\t\t ECONOMY\t\t\t\t\t : "<<economy<<"\t\t"<<economy*200;

cout<<"\n\t\t\t\t\t PREMIRE\t\t\t\t\t : "<<premiere<<"\t\t"<<premiere*300;

cout<<"\n\t\t\t\t\t ELITE: "<<elite<<"\t\t"<<elite*500;

```

```
cout<<"\n\n\t\t\t\t\t GRAND TOTAL   Rs."<<amount;

gotoxy(10,21);

for( i=0;i<=59;i++)

cout<<char(4);

cout<<"\n\n\t\t\t1) SNACK CORNER";

cout<<"\n\n\t\t\t2) PROCEED TO PAY";

cout<<endl<<"\t\t\tEnter ur choice:   ";

cin>>ch9;


    if(ch9==1)

        snack(economy,premire,elite,amount);

    else

        if(ch9==2)

            trans();

}

void trans()

{clrscr();

    cout<<"\n\n\t\t\t HOW WOULD YOU LIKE TO PAY ?";

    cout<<"\n\n\n\n\t\t\t 1. Net Banking ";

    cout<<"\n\n\t\t\t 2. Credit Card ";

    cout<<"\n\n\t\t\t 3. Debit Card  ";

    cout<<"\n\n\n\n\t\t\t Enter your CHOICE : ";

    cin>>ch11;

    clrscr();

    switch(ch11)
```

```

{ case 1 : cout<<"\n\n\n\t\t\t\t\t 1. ICICI Bank ";

        cout<<"\n\t\t\t\t\t 2. SBI Bank ";

        cout<<"\n\t\t\t\t\t 3. Canara Bank ";

        cout<<"\n\t\t\t\t\t 4. Back";

        cout<<"\n\n\n\t\t\t\t\t Enter your CHOICE : ";

        cin>>ch12;

        if(ch12==4)

            trans();

        clrscr();

        cout<<"\n\n\n\t\t\t\t\t WELCOME TO ";

        if(ch12==1)

            cout<<"ICICI BANK ";

        else if(ch12==2)

            cout<<"SBI BANK ";

        else if(ch12==3)

            cout<<"Canara BANK ";

        cout<<"\n\n\t\t\t\t\t Enter the following DETAILS ";

        cout<<"\n\n\n\t\t\t\t\t USERNAME : ";

        gets(carduser);

        cout<<"\n\n\t\t\t\t\t PASSWORD : ";

        char aa[20],ch3;

        int n2,v1=1;

        for(int i=0;i<20;i++)

        { ch3=getch();

```

```

v1=ch3;

if(v1!=13)

{ cardpwd[i]=ch3;

  n2=i;

  cout<<'\\4';

}

if(v1==13)

  break;}

cardpwd[n2+1]='\\0';

  ticketdisp();

  break;

case 2 : cout<<"\\n\\n\\n\\t\\t\\tEnter the following DETAILS ";

  cout<<"\\n\\n\\n\\t\\tCREDIT CARD NUMBER   : ";

  cin>>cardno;

  cout<<"\\n\\n\\n\\t\\tNAME               : ";

  cin>>carduser;

  cout<<"\\n\\n\\n\\t\\tCVV NUMBER           : ";

  cin>>cvv;

  cout<<"\\n\\n\\n\\t\\tPASSWORD             : ";

  for( i=0;i<20;i++)

  { ch3=getch();

    v1=ch3;

    if(v1!=13)

    { cardpwd[i]=ch3;

```

```

        n2=i;

        cout<<'\\4';

    }

    if(v1==13)

        break;}

    cardpwd[n2+1]='\\0';

    ticketdisp();

    break;

case 3 : cout<<"\\n\\n\\n\\t\\t\\tEnter the following DETAILS ";

        cout<<"\\n\\n\\n\\t\\t\\tCARD Number          : ";

        cin>>cardno;

        cout<<"\\n\\n\\n\\t\\t\\tPIN Number            : ";

        for( i=0;i<20;i++)

        { ch3=getch();

            v1=ch3;

            if(v1!=13)

            { pin[i]=ch3;

                n2=i;

                cout<<'\\4';

            }

            if(v1==13)

                break;}

        pin[n2+1]='\\0';

        ticketdisp();

```

```

        break;
    }
}

void ticketdisp()
{
    clrscr();
    cout<<"\n\n\n\n\t\t\t\t\t";
    int n;
    double time;
    cout << "Your Transaction is being processed";
    for (n=0; n<7; n++ )
    {
        cout << ".";
        for ( time=0; time<=4000000; time++);
    }
    clrscr();
    cout<<"\n\n\n\n\n\n\t\t\t\t\tTransaction has been SUCCESSFULLY COMPLETED. ";
    cout<<"\n\n\t\t\t\tRs."<<amount+amt<<" has been DEDUCTED from your
    account.";
    cout<<"\n\n\t\t\t\t Your ticket has been BOOKED.";
    cout<<"\n\n\n\n\n\n\t\t\t\t\tTHANKYOU...";
    getch();
    clrscr();
    gotoxy(27,3);for(i=0;i<22;i++)cout<<char(4);

```

```

gotoxy(32,4);cputs("TICKET DETAILS");

gotoxy(27,5);for(i=0;i<22;i++)cout<<char(4);

gotoxy(27,8);cputs("TICKET HOLDER:");

gotoxy(42,8);cout<<ss1.username;

gotoxy(27,10);cputs("MOVIE:");

gotoxy(42,10);cout<<s.movname;

gotoxy(27,12);cputs("NO OF TICKETS:");

gotoxy(42,12);cout<<l;

gotoxy(27,14);cputs("SEAT NOS:");gotoxy(42,14);

for(int k=0;k<l;k++)

{cout<<tic[k]<<tick[k];

cout<<"\t";

}

gotoxy(27,16);cputs("DATE:");gotoxy(42,16);

if(ch13==1)

{for(int i=0;i<1;i++)

{

int k=yr%4;

if(((dt==31)&&(mn==1||mn==3||mn==5||mn==7||mn==8||mn==10))||((dt==30)&&(

mn==4)))

{

dt=1;

mn=mn+1;

}

}

```

```

else if((dt==31)&&(mn==12))
{
dt=1;

mn=1;

yr=yr+1;

}

else if(((k==0)&&(dt==29)&&(mn==2))||((k!=1)&&(dt==28)&&(mn==2)))

{dt=1;

mn=3;

}

else

{dt=dt+1;

}

cout<<mn<<"/"<<dt<<"/"<<yr;

}}

else

{for(int i=0;i<2;i++)

{

int k=yr%4;

if((((dt==31)&&(mn==1||mn==3||mn==5||mn==7||mn==8||mn==10))||((dt==30)&&(mn==4))))

{

dt=1;

```

```

mn=mn+1;

}

else if((dt==31)&&(mn==12))

{

dt=1;

mn=1;

yr=yr+1;

}

else if(((k==0)&&(dt==29)&&(mn==2))||((k!=1)&&(dt==28)&&(mn==2)))

{dt=1;

mn=3;

}

else

{dt=dt+1;

}

}

cout<<dt<<"/"<<mn<<"/"<<yr;

}

gotoxy(27,18);cputs("SHOW TIMING:");

gotoxy(42,18);

switch(ch14)

{

case 1:cputs("10:00 - 12:30");

break;

```

```

case 2:cputs("14:30 - 17:00");
    break;

case 3:cputs("18:30 - 21.00");
    break;

case 4:cputs("22:00 - 00:30");
    break;

}

getch();

clrscr();

cout<<"Do you wish to book more tickets? (y/n)  ";

cin>>ch15;

if(ch15=='y')
{
    ++count;

    amt=amount=elite=premiere=economy=0;

    signin();
}

else

    thankyou();
}

void logo()
{

    int gd=DETECT;

    int gm;

    initgraph(&gd,&gm,"C:\\turboC3\\BGI");

```

```
setbkcolor(0);

settextstyle(1,HORIZ_DIR,8);

for(int i=1;i<15;i++)

{

if(i==7||i==8)

continue;

else

{

setcolor(i);

outtextxy(150,10,"THEATRE ");

outtextxy(60,100,"MANAGEMENT");

delay(300);

}

}

settextstyle(8,HORIZ_DIR,4);

setcolor(1);

outtextxy(165,220,"Project done by");

settextstyle(8,HORIZ_DIR,5);

setcolor(3);

outtextxy(120,280,"AHILA.R.R");

getch();

cleardevice();

int j,k;

gotoxy(24,19);
```

```
cout<<"LOADING PROJECT "<<endl;  
  
gotoxy(28,22);  
  
cout<<"_____";  
  
j=28;  
  
for( i=0;i<101;i++)  
{  
  
    gotoxy(41,22);  
  
    delay(50);  
  
    cout<<i<<"% completed"<<endl;  
  
    if(i%10==0)  
    {  
  
        gotoxy(j,22);  
  
        j++;  
  
        cout<<char(16);  
  
    }  
  
}  
  
cout<<"\n\n\t\t\t\tSUCCESSFULLY LOADED" <<endl;  
  
setcolor(14);  
  
setttextstyle(4,HORIZ_DIR,10);  
  
for( i=0;i<50;i++)  
{  
  
    outtextxy(125,0+i,"welcome");  
  
    outtextxy(75,0+i+100," to");  
  
    delay(10);
```

```
cleardevice();  
  
}  
  
outtextxy(125,50,"welcome");  
  
outtextxy(267,150,"to");  
  
getch();  
  
closegraph();  
  
clrscr();  
  
delay(500);  
  
textcolor(2);  
  
clrscr();  
  
int x=1;  
  
cout<<"+";  
  
delay(100);  
  
for(i=0;i<78;i++)  
{  
    delay(30);  
    gotoxy(2+i,1);cputs("-");  
    if(i<20)  
    {  
        gotoxy(1,i+2);cputs("*");  
    }  
    if(i==20)  
    {  
        gotoxy(1,22);cputs("+");  
    }  
}
```

```

}
if(i>20)
{
gotoxy(x+1,22);cputs("-");
x++;
}
}

delay(50);

gotoxy(80,1);cputs("+");

for(i=0;i<22;i++)
{
delay(30);

if(i<20)
{
gotoxy(80,2+i);cputs("*");
}

gotoxy(x+i,22);cputs("-");

if(i==19)
{
gotoxy(80,22);cputs("+") ;
}
}

delay(700);

textcolor(14);

```

```
gotoxy(2,2);
cputs("+");
for(i=0;i<76;i++)
{
cputs("-");
}
for(i=3;i<21;i++)
{
gotoxy(2,i);cputs("*");
}
gotoxy(2,21);cputs("+");
for(i=3;i<79;i++)
{
gotoxy(i,21);cputs("-");
}
cputs("+");
for(i=20;i>2;i--)
{
gotoxy(79,i);cputs("*");
}
gotoxy(79,2);
cputs("+");
delay(700);
textcolor(12);
```

```
gotoxy(3,3);
cputs("+");
for(i=0;i<75;i++)
{
cputs("-");
}
for(i=4;i<21;i++)
{
gotoxy(3,i);
cputs("*");
}
gotoxy(3,20);
cputs("+");
for(i=4;i<78;i++)
{
gotoxy(i,20);
cputs("-");
}
cputs("+") ;
for(i=19;i>3;i--)
{
gotoxy(78,i);cputs("*");
}
gotoxy(78,3);
```

```

cputs("+");
x=59;int y=10;
char c=char(15);
for(i=10;i<60;i++)
{
delay(50);
gotoxy(i,10);cout<<c;
gotoxy(i-1,10);cout<<" ";
}
for(i=0;i<6;i++)
{
delay(100);
textcolor(12);
gotoxy ((x-i),(y-i));cout<<c;
gotoxy ((x+i),(y+i));cout<<c;
gotoxy ((x+i),(y-i));cout<<c;
gotoxy ((x-i),(y+i));cout<<c;
}
int m=x+5,n=x-5;
for(i=0;i<40;i++)
{
delay(60);
if(i<13)
{

```

```

gotoxy(m+i,y+5);cout<<c;
gotoxy(m+i,y-5);cout <<c;
}
gotoxy((n-i),y+5);cout<<c;
gotoxy((n-i),y-5);cout<<c;
}
delay(200);
gotoxy(27,8);for(i=0;i<5;i++)cout<<c;
gotoxy(27,9);cout<<" "<<c;
gotoxy(27,10);cout<<" "<<c;
gotoxy(27,11);cout<<" "<<c;
gotoxy(27,12);for(i=0;i<5;i++)cout<<c;
delay(200);
gotoxy(37,8);cout<<c<<" "<<c;
gotoxy(37,9);cout<<c<<" "<<c;
gotoxy(37,10);cout<<c<<" "<<c<<" "<<c;
gotoxy(37,11);cout<<c<<" "<<c<<" "<<c;
gotoxy(37,12);cout<<c<<" "<<c;
delay(200);
gotoxy(46,8);cout<<" "<<c<<" "<<c<<" "<<c;
gotoxy(46,9);cout<<" "<<c<<" "<<c;
gotoxy(46,10);cout<<" "<<c<<" "<<c;
gotoxy(46,11);cout<<" "<<c<<" "<<c;
gotoxy(46,12);cout<<" "<<c<<" "<<c<<" "<<c;

```

```

delay(200);

char temp[]={"INOX::ENTERTAINMENT UNLIMITED"};

x=46;

c=char(2);

for(i=0;i<24;i++)

{

delay(100);

gotoxy(x-i,16);cout<<c<<temp<<c;

gotoxy((x-i+32),16);cout<<" ";

}

delay(40);gotoxy(31,17);cout<<"Adayar,Chennai"<<endl;

delay(40);gotoxy(4,19);cout<<"www.inoxcinemas.com";

gotoxy(65,19);cout<<"Ph:044-623311"<<endl;

getch();

}

void thankyou()

{ clrscr();

gotoxy(18,4);

cout<<"\n";

cout<<endl<<"  _/_/_/_/_  _/          _/";

cout<<endl<<"  _/  _/      _/_/_  _/_/_  _/ _/";

cout<<endl<<"  _/  _/_/_  _/  _/  _/  _/_/ ";

cout<<endl<<"  _/  _/  _/  _/  _/  _/  _/ ";

cout<<endl<<"  _/  _/  _/  _/_/_  _/  _/  _/ ";

```

```

gotoxy(15,12);
cout<<endl<<"    _/ _/          ";
cout<<endl<<"    _/_/_/_/_/_/_/_/";
cout<<endl<<"    _/_/_/_/_/_/";
cout<<endl<<"    _/_/_/_/_/";
cout<<endl<<"    _/_/_/_/_/_/_/";
getch();
exit(0);
}

```

SCREENSHOT(OUTPUT)

THEATRE MANAGEMENT

Project done by

AHILA R R



1) To login as Admin

2) To login as User

3) Exit

Enter your choice(1/2/3): 1

```
USERNAME: admin
PASSWORD: ♦♦♦♦♦♦♦_
```

```
Checking Username and Password Combination ....._
```

Logging in....._

[illegible]

MOVIE NO: 1
MOVIE NAME: THANI ORUWAN
DIRECTOR: MOHANRAJA
CAST: JAYAMBRAVI, ARVIND SWAMY, NAYANTHARA
GENRE: ACTION
RATING: 8.5/10
LANGUAGE: TAMIL_

```
Movie has been successfully added!!!  
Do u want to add more movies(y/n)?    y
```

```
MOVIE NO:      2
MOVIE NAME:    PREMAM
DIRECTOR:      ALPHONSE PUTHARAN
CAST:          NIUVIN PAULY,SAI PALLAVI,MADONNA
GENRE:         ROMANCE
RATING:        8.1/10
LANGUAGE:      MALAYALAM_
```

```
Movie has been successfully added!!!
Do u want to add more movies(y/n)?    n_
```


MOVIES RUNNING IN INOX

1▶THANI ORUVAN

2▶PREMAM

3▶BAAHUBALI

4▶JURASSIC WORLD

Enter movie no to be deleted: 4

MOVIES RUNNING IN INOX

1▶THANI ORUVAN

2▶PREMAM

3▶BAAHUBALI

```
1) To login as Admin
2) To login as User
3) Exit
Enter your choice(1/2/3): 2
```

```
*****
  LOGIN
*****

1.New user
2.Already registered
3.Exit

Enter your choice(1/2/3): 1_
```

USER DETAILS

```
NAME: priyanka
USERNAME: priya
LOGIN PASSWORD: ♦♦♦♦♦♦♦♦
EMAIL ID: priya@gmail.com
MOBILE NUMBER: 9987653421
```

LOGIN

```
1.New user
2.Already registered
3.Exit
```

Enter your choice(1/2/3): 2

```
username:priya  
password:♦♦♦♦♦♦♦♦
```

```
Checking username and password combination...
```

Logging in....._

[illegible]

- [illegible]

```

*****
Dear User
WELCOME TO INOX
*****

1) BOOK MOVIES
2) CURRENT MOVIES
3) VISION
4) FAQ
5) CONTACT US
6) GO BACK
7) Exit
1

```

MOVIES RUNNING IN INOX

1▶THANI ORUWAN

2▶PREMAM

3▶BAAHUBALI

ENTER MOVIE NO TO BOOK: 1

MOVIE NO: 1

MOVIE NAME: THANI ORUWAN

DIRECTOR: MOHANRAJA

CAST: JAYAMRAVI, ARVIND SWAMY, NAYANTHARA

GENRE: ACTION

RATING: 8.5/10

LANGUAGE: TAMIL

1) Proceed to book

2) Go back

Enter your choice 1_

BOOKING DATE

ENTER TODAY DATE (dd/mm/yy)(separated by space):24 9 15

- 1) 25/9/15
- 2) 26/9/15

Enter your choice(1/2): 1

SHOW TIMING

1) MORNING SHOW	- 10.00	- 12.30
2) MATNEE	- 14.30	- 17.00
3) EVENING SHOW	- 18.30	- 21.00
4) NIGHT SHOW	- 22.00	- 00.30

Enter your choice 1

INOX LEISURE UNLIMITED						
ROW 1-2 1) ELITE		ROW 3-7 2) PREMIERE			ROW 8-13 3) ECONOMY	
Rs.500 * - AVAILABLE		Rs.300 X - OCCUPIED			Rs.200	
	A	B	C	D	E	F
Row 1	*	*	*	*	*	*
Row 2	*	*	*	*	*	*
Row 3	*	*	*	*	*	*
Row 4	*	*	*	*	*	*
Row 5	*	*	*	*	*	*
Row 6	*	*	*	*	*	*
Row 7	*	*	*	*	*	*
Row 8	*	*	*	*	*	*
Row 9	*	*	*	*	*	*
Row 10	*	*	*	*	*	*
Row 11	*	*	*	*	*	*
Row 12	*	*	*	*	*	*
Row 13	*	*	*	*	*	*

How many tickets you want to book?:

	Rs.500	Rs.300				Rs.200
	* - AVAILABLE	X - OCCUPIED				
	A	B	C	D	E	F
Row 1	*	*	*	*	*	*
Row 2	*	*	*	*	*	*
Row 3	*	*	*	*	*	*
Row 4	*	*	*	*	*	*
Row 5	*	*	*	*	*	*
Row 6	*	*	*	*	*	*
Row 7	*	*	*	*	*	*
Row 8	*	*	*	*	*	*
Row 9	*	*	*	*	*	*
Row 10	*	*	*	*	*	*
Row 11	*	*	*	*	*	*
Row 12	*	*	*	*	*	*
Row 13	*	*	*	*	*	*

How many tickets you want to book?: 2

Enter Ticket type(1/2/3): 1

Desired Row: 1

Desired seat (A,B,C,D,E or F): a

Enter Ticket type(1/2/3): 3

Desired Row: 12

Desired seat (A,B,C,D,E or F): e

```
*****
                                INOX

                                BOOKING DETAILS

                                YOU HAVE CHOSEN TO WATCH:THANI ORUVAN

                                NO. OF SEATS          AMOUNT

                                ECONOMY   : 1          200
                                PREMIRE   : 0          0
                                ELITE     : 1          500

                                GRAND TOTAL  Rs.700
*****
                                1) SNACK CORNER
                                2) PROCEED TO PAY
                                Enter ur choice:    1
```

```
WHY DO YOU WANT TO WAIT IN A QUEUE WHEN U CAN BUY NOW??

                                1)Large Popcorn Tub          Rs.80
                                2)Regular Coke                Rs.40
                                3)French fries                Rs 50

                                Enter the item no you want    3
No of items:    2

Do you want to buy more(y/n)??    n_
```

[illegible]

BOOKING DETAILS

YOU HAVE CHOSEN TO WATCH: **THANI ORUVA**

NO. OF SEATS	AMOUNT
ECONOMY : 1	200
PREMIRE : 0	0
ELITE : 1	500

TICKET COST: Rs.700

SNACKS COST: Rs.100

GRAND TOTAL Rs.800

1) GO BACK

2) PROCEED TO PAY

Enter ur choice: 2_

HOW WOULD YOU LIKE TO PAY ?

1. Net Banking
2. Credit Card
3. Debit Card

Enter your CHOICE : 1_

1. ICICI Bank
2. SBI Bank
3. Canara Bank
4. Back

Enter your CHOICE : 2_

WELCOME TO SBI BANK

Enter the following DETAILS

USERNAME : priya

PASSWORD : ♦♦♦♦♦♦_

Your Transaction is being processed.....

Transaction has been SUCCESSFULLY COMPLETED.

Rs.800 has been DEDUCTED from your account.

Your ticket has been BOOKED.

THANKYOU..._

TICKET DETAILS

TICKET HOLDER: pr iya

MOVIE: **THANI ORUVAN**

NO OF TICKETS: 2

SEAT NOS: 1a 12e

DATE: 25/9/15

SHOW TIMING: 10:00 - 12:30_

Do you wish to book more tickets? (y/n) n

