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ACKNOWLEDGEMENT

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- First, we show our sincere gratitude towards our beloved Principal and correspondent Dr.Vasanthi Thiagarajan, who provided this opportunity to us.
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OVERVIEW OF C++

- C++ was designed at AT&T Bell Labs by Bjarne Stroustrup in the early 80's.
- The original cfront translated C++ into C for portability.
- However this was difficult to debug and potentially inefficient.
- Many native host machine compilers now exist.
- Example: Microsoft Visual C++, GCC, Intel etc...
- C++ is mostly upwardly compatible extension of C that provides.
- Support for Data abstraction.
- Support for generic programming.
- Support for object oriented programming.
- Stronger type checking.

MAJOR C++ ENHANCEMENTS

- C++ supports for data abstraction and data encapsulation.
E.g.: Classes and name spaces
- C++ supports OOPS features.
E.g.: Abstract class inheritance and virtual methods.
- C++ supports generic programming.
E.g.: parameterized types
- C++ supports sophisticated error handling
E.g.: Exceptional handling
- C++ supports identifying an object's type at runtime.

OVERVIEW OF THE PROJECT

Movie is considered the world all over by many as an important art form. Movies entertain, educate, enlighten and inspire audiences. The visual elements of cinema need no translation, giving the motion picture a universal power of communication.

Role of an IVR System

The problems faced in the present scenario can be solved by the deployment of an interactive voice response (IVR) system to automate the ticket reservations for movies and other shows. This can replace labor-intensive manual activities. The new system can streamline and standardize the ticket reservation process at a substantial cost savings.

IVR based automated ticket reservation

systems in theatres using ordinary phones are becoming very popular and affordable these days. Instead of relying on word of mouth or publications which are quickly out of date and expensive, automatic phone messaging lets you contact the right point and get most accurate information instantly!

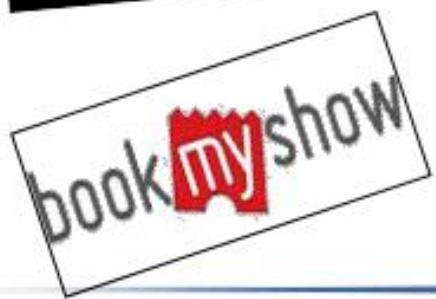
There can be two scenarios where an IVR system can be implemented for the reservation of tickets for movies and other shows. One, an agency can make use of an IVR system to provide ticket reservations for currently running movies in a particular area. Two, a theatre management can implement an IVR system for reserving the tickets.

Advantages of an IVR System

- Automatically handle every call from customers.

- Answer calls on the first ring, 7 days a week, 24 hours a day.
- Speak to callers in human tone of voice.
- Optional multi-lingual prompts.
- Provide accurate and reliable information, up to date.
- Resources your present personnel for more productive work.
- Avoids viewer disappointments.
- Smoothens the ticket reservation process thereby clearing unnecessary traffic jams.

Some Popular Online Movie Ticket Booking Sites:



HEADER FILES USED:-

- #include<string.h>
- #include<stdio.h>
- #include<stdlib.h>
- #include<graphics.h>
- #include<iostream.h>
- #include<conio.h>
- #include<dos.h>
- #include<fstream.h>

FUNCTIONS USED:-

- void mainmenu();
- void crfile();
- void pass();
- void disp();
- void owner();
- void user();
- void seat(char r);
- void tq();

```
> void bill1 (char r,char row1[1],char  
col1[1],char cl);  
> void bill2 (char r,char row1[1],char  
col1[1],char row2[1],char col2[1],char  
cl);  
> void bill3 (char r,char row1[1],char  
col1[1],char row2[1],char col2[1],char  
row3[1],char col3[1],char cl);  
> void bill4 (char r,char row1[1],char  
col1[1],char row2[1],char col2[1],char  
row3[1],char col3[1],char  
row4[1],char col4[1],char cl);  
> void bill5 (char r,char row1[1],char  
col1[1],char row2[1],char col2[1],char  
row3[1],char col3[1],char  
row4[1],char col4[1],char  
row5[1],char col5[1],char cl);
```

CLASSES USED:-

1.

```
class Movie
{
private:
    char movnam[20];
    char movlang[10];
    char cast[20];
public:
    char movid[8];
    void input();
    void output();
    char retmona()
    {
        puts(movnam);
    }
}
```

};

2.

class pvr

{

private:

int i,j,k,a,c;

public:

void intro();

void menu();

void name();

};

DATA FILES USED:-

1.

“MOVIE.TXT”.

HARDWARE AND SOFTWARE REQUIREMENTS

HARDWARE REQUIREMENTS:-

- >> Monitor
- >> Keyboard
- >> Mouse
- >> Central Processing Unit
- >> Minimum of 40 GB hard disk

SOFTWARE REQUIREMENTS:-

- >> Turbo C++ IDE
- >> Windows Operating System

SOURCE CODE

```
#include<string.h>
#include<stdio.h>
#include<stdlib.h>
#include<graphics.h>
#include<iostream.h>
#include<conio.h>
#include<dos.h>
#include<fstream.h>
void mainmenu();
void crfile();
void pass();
void disp();
void owner();
void user();
void seat(char r);
void tq();
```

```
void bill1(char r,char row1[1],char
col1[1],char cl);

void bill2(char r,char row1[1],char
col1[1],char row2[1],char col2[1],char cl);

void bill3(char r,char row1[1],char
col1[1],char row2[1],char col2[1],char
row3[1],char col3[1],char cl);

void bill4(char r,char row1[1],char
col1[1],char row2[1],char col2[1],char
row3[1],char col3[1],char row4[1],char
col4[1],char cl);

void bill5(char r,char row1[1],char
col1[1],char row2[1],char col2[1],char
row3[1],char col3[1],char row4[1],char
col4[1],char row5[1],char col5[1],char cl);

int u;

class Movie

{

private:

char movnam[20];

char movlang[10];
```

```
char cast[20];

public:

char movid[8];

void input();

void output();

char retmona()

{

puts(movnam);

}

};

Movie ob1[10];

void Movie::input()

{

cleardevice();
```

```
randomize();

for(int i=0;i<=1100;i++)

{

    settextstyle(3,1,1);

    putpixel(random(720),random(500),random(15));

}

settextstyle(6,0,4);

setcolor(WHITE);

outtextxy(130,20,"Owners Page...");

settextstyle(3,0,2);

setcolor(CYAN);

outtextxy(30,60,"Enter Details Of Movie");

setcolor(10);

settextstyle(3,0,3);

outtextxy(30,83,"Movie ID:");

gotoxy(20,7);

gets(movid);

setcolor(11);

settextstyle(3,0,3);
```

```
outtextxy(30,115,"Movie Name:");
gotoxy(25,9);
gets(movnam);
setcolor(12);
settextstyle(3,0,3);
outtextxy(30,147,"Movie Language:");
gotoxy(28,11);
gets(movlang);
setcolor(13);
settextstyle(3,0,3);
outtextxy(30,179,"Cast:");
gotoxy(15,13);
gets(cast);

}

void Movie::output()
{
    cleardevice();
    randomize();
    for(int i=0;i<=1100;i++)
    {

```

```
    settextstyle(3,1,1);

putpixel(random(720),random(500),random(15));

}

settextstyle(6,0,4);
setcolor(WHITE);
outtextxy(130,20,"Users Page...");

settextstyle(3,0,2);
setcolor(CYAN);
outtextxy(30,60,"Details Of Movie");
setcolor(10);
settextstyle(3,0,3);
outtextxy(30,80,"Movie ID:");
outtextxy(200,80,movid);
setcolor(11);
settextstyle(3,0,3);
outtextxy(30,100,"Movie Name:");
outtextxy(200,100,movnam);
setcolor(12);
settextstyle(3,0,3);
```

```
outtextxy(30,120,"Movie Language:");
outtextxy(250,120,movlang);
setcolor(13);
settextstyle(3,0,3);
outtextxy(30,140,"Cast:");
outtextxy(150,140,cast);
}

void crfile()
{
    ofstream f;
    char ch;
    f.open("MOVIE.txt",ios::out);
    int u=0;
    sleep(3);
    do
    {
        ob1[u].input();
        f.write((char*)&ob1[u],sizeof(ob1[u]));
        cleardevice();
    }
```

```
    outtextxy(50,200,"Do You Want To  
Continue???(y/ (any other key))");  
  
    ch=getch();  
  
    u++;  
  
}while(ch=='y'||ch=='Y');  
  
f.close();  
  
}  
  
void disp()  
{  
  
    ifstream f;  
  
    f.open("MOVIE.txt",ios::in);  
  
    f.seekg(0);  
  
    u=0;  
  
    char ch;  
  
    do  
  
    {  
  
        f.read((char*)&ob1[u],sizeof(ob1[u]));  
  
        ob1[u].output();  
  
        outtextxy(50,500,"Press 'y' To View  
Details Of Next Film");  
  
        ch=getch();
```

```
    cleardevice();

    u++;

}while (ch=='y' || ch=='Y');

f.close();

}

void pass()

{

l:

cleardevice();

char pass[100],p[1];

settextstyle(6,0,5);

setcolor(WHITE);

outtextxy(150,30,"OWNER'S PAGE...");

settextstyle(5,0,3);

setcolor(GREEN);

outtextxy(30,115,"Enter Password...");

outtextxy(10,300,"Press 'Esc' To Go Back To

Main Menu...");

char c;

int e;
```

```
for(int t=0,y=250;;t++,y=y+10)

{
    c=getch();
    e=c;
    if(e==13)
    {
        goto ll;
    }
    if(e==27)
    {
        exit(1);
    }
    pass[t]=c;
    outtextxy(y,118,"*");
}

ll:
for(t=0;t<9;t++)
{
    p[t]=pass[t];
}
```

```
if(strcmp(p,"blacksavy")==0)

{
    setcolor(LIGHTMAGENTA);
    settextstyle(7,0,5);
    outtextxy(100,240,"Login Successful...");
    sleep(2);
    owner();
}

else
{
    setcolor(4);
    outtextxy(100,240,"Login Aborted...
Incorrect Password...");
    sleep(3);
    goto l;
}

class pvr
{
private:
```

```
int i,j,k,a,c;

public:

void intro();

void menu();

void name();

};

void pvr::intro()

{

cleardevice();

setcolor(3);

settextstyle(5,0,7);

for(k=1;k<=90;k++)

{

cleardevice();

outtextxy(105,k,"WELCOME TO");

delay(25);

}
```

```
outtextxy(124,150,"*****  
*****  
*****") ;  
  
settextstyle(5,0,4);  
  
setcolor(WHITE);  
  
outtextxy(120,250," FIVE STAR MOVIES ");  
  
setcolor(10);  
  
  
outtextxy(117,300,"*****  
*****  
*****");  
  
delay(50);  
  
for(i=6;i<=500;i=i+30)  
{  
  
    for(j=0;j<=10;j++)  
    {  
  
        setcolor (i+j);  
  
        circle(35,i,j+20);  
  
        circle(605,i,j+20);  
  
        delay(35);  
    }  
}  
  
for(i=5;i<=630;i=i+10)  
{
```

```
for(j=0;j<=5;j=j+1)
{
    setcolor(j);
    circle(i,460,j+15);
    circle(i,460,j+1);
    circle(i,20,j+15);
    circle(i,20,j+1);
    delay(10);
}
}

void pvr::name()
{
    cleardevice();
    randomize();
    for(int i=0;i<=1100;i++)
    {
        settextstyle(3,1,1);
        putpixel(random(720),random(500),random(15));
    }
}
```

```
delay(5);

}

for(i=0;i<=40;i++)

{

setcolor(i);

circle(65,40,i);

delay(10);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(65,140,i);

delay(10);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(65,240,i);

delay(10);

}
```

```
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(65,340,i);  
    delay(10);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(65,440,i);  
    delay(10);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(165,440,i);  
    delay(10);  
}  
  
for( i=0;i<=40;i++)  
{
```

```
    setcolor(i);  
    circle(265,440,i);  
    delay(10);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(365,440,i);  
    delay(10);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(465,440,i);  
    delay(10);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(565,440,i);
```

```
delay(10);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(565,340,i);

delay(10);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(565,240,i);

delay(10);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(565,140,i);

delay(10);

}
```

```
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(565,40,i);  
    delay(10);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(465,40,i);  
    delay(10);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(365,40,i);  
    delay(10);  
}  
  
for( i=0;i<=40;i++)  
{
```

```
    setcolor(i);

    circle(265,40,i);

    delay(10);

}

for( i=0;i<=40;i++)

{

    setcolor(i);

    circle(165,40,i);

    delay(10);

}

settextstyle(7,0,3);

setcolor(11);

outtextxy(260,100,"PROJECT BY :-)");

setcolor(14);

outtextxy(250,130,"*****");

settextstyle(7,0,4);

setcolor(10);

outtextxy(100,260,"*** KAARTHIK
***");

sleep(3);
```

```
}

void pvr::menu()

{
    cleardevice();
    randomize();
    for(i=0;i<=1100;i++)
    {
        settextstyle(3,1,1);

        putpixel(random(720),random(500),random(15));
    }

    for(i=0;i<=40;i++)
    {
        setcolor(i);
        circle(65,40,i);
    }

    for( i=0;i<=40;i++)
    {
        setcolor(i);
        circle(65,140,i);
    }
}
```

```
}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(65,240,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(65,340,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(65,440,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(165,440,i);
```

```
}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(265,440,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(365,440,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(465,440,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(565,440,i);
```

```
}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(565,340,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(565,240,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(565,140,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(565,40,i);
```

```
}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(465,40,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(365,40,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(265,40,i);

}

for( i=0;i<=40;i++)

{

setcolor(i);

circle(165,40,i);
```

```
}

settextstyle(4,0,7);

setcolor(6);

outtextxy(150,150,"WELCOME");

setcolor(14);

sleep(2);

cleardevice();

randomize();

for(int ij=1;ij<=40;ij++)

{

    delay(50);

    cleardevice();

    for(i=0;i<=1100;i++)

    {



settextstyle(3,1,1);

putpixel(random(720),random(500),random(15));

}

settextstyle(4,0,7);

outtextxy(150,150,"Loading...");
```

```
    }

    sleep(1);

    cleardevice();

    settextstyle(5,0,5);

    setcolor(3);

    outtextxy(100,100,"Hit Any Key To
Continue...");

    getch();

}

void mainmenu()

{

    y:

    int n;

    cleardevice();

    char h[1];

    for(int i=0;i<=1100;i++)

    {

        settextstyle(3,1,1);

        putpixel(random(720),random(500),random(15));

    }

}
```

```
settextstyle(6,0,5);
setcolor(11);
outtextxy(200,30,"MAIN MENU... ");
settextstyle(4,0,6);
setcolor(12);
outtextxy(100,100,"1.OWNER'S PAGE");
setcolor(LIGHTGREEN);
outtextxy(100,200,"2.USERS'S PAGE");
setcolor(LIGHTCYAN);
outtextxy(100,300,"3.EXIT");
gets(h);
if(strcmp(h,"1")==0)
{
    pass();
}
else if(strcmp(h,"2")==0)
{
    user();
}
else if(strcmp(h,"3")==0)
```

```
{  
    exit(1);  
}  
  
else  
{  
    goto y;  
}  
  
}  
  
void owner()  
{  
    pvr p;  
    crfile();  
    t:  
    cleardevice();  
    for(int i=0;i<=1100;i++)  
    {  
        settextstyle(3,1,1);  
  
        putpixel(random(720),random(500),random(15));  
    }  
}
```

```
settextstyle(6,0,5);

outtextxy(50,200,"Press 'Esc' To Return To
Main Menu");

char a;

int u;

a=getch();

u=a;

if(u==27)

{

    mainmenu();

}

else

{

    goto t;

}

void user()

{

    int e;

    char q[1],m[1];
```

```
cleardevice();

for(int i=0;i<=1100;i++)

{

    settextstyle(3,1,1);

    putpixel(random(720),random(500),random(15));

}

settextstyle(6,0,5);

setcolor(WHITE);

outtextxy(150,30,"USER'S PAGE...");

settextstyle(6,0,3);

outtextxy(75,100,"View Different Movies By
Using 'y' Key...");

outtextxy(75,150,"Note Down The Movie Id Of
The Movie That You");

outtextxy(75,200,"Wish To Watch...");

outtextxy(75,250,"Press 'Esc' Go To Main
Menu...");

sleep(5);

cleardevice();

disp();
```

```
sleep(2);

settextstyle(3, 0, 4);

setcolor(CYAN);

outtextxy(100, 179, "Enter Id Of Desired
Movie...");

gotoxy(15, 45);

gets(q);

cleardevice();

ifstream ff;

ff.open ("MOVIE.txt", ios::in);

ff.seekg(0);

int ch;

settextstyle(3, 0, 3);

setcolor(CYAN);

for(int t=0;t<u;t++)

{

    ff.read((char*)&obj[u], sizeof(obj[u]));

    if(strcmp(q,obj[t].movid)==0)

    {

        outtextxy(80, 100, "Details Of ");
    }
}
```

```
    exit(1);

}

}

void seat(char r)

{

    cleardevice();

    outtextxy(50,200,"Note Down The Seat Number  
And Press Any Key...");

    settextstyle(3,0,4);

    setcolor(RED);

    sleep(3);

    cleardevice();

    outtextxy(500,20,"| EXIT |");

    outtextxy(500,375,"| EXIT |");

    setcolor(WHITE);

    outtextxy(70,370,"SCREEN");

    outtextxy(25,375,"|_____|");

    setcolor(CYAN);

    outtextxy(24,50,"_____");
```

```
outtextxy(25, 80, "|A1|A2|A3|A4|A5|A6|A7|A8|A9|  
");  
outtextxy(24, 90, "_____");  
outtextxy(24, 100, "_____");  
  
outtextxy(28, 130, "|B1|B2|B3|B4|B5|B6|B7|B8|B9  
|");  
outtextxy(24, 140, "_____");  
outtextxy(28, 150, "_____");  
  
outtextxy(25, 180, "|C1|C2|C3|C4|C5|C6|C7|C8|C9  
|");  
outtextxy(28, 190, "_____");  
outtextxy(24, 200, "_____");  
  
outtextxy(25, 230, "|D1|D2|D3|D4|D5|D6|D7|D8|D9  
|");  
outtextxy(24, 240, "_____");  
outtextxy(24, 250, "_____");  
  
outtextxy(25, 280, "|E1|E2|E3|E4|E5|E6|E7|E8|E9  
|");
```

```
    gotoxy(10,10);

    ob1[t].retmona();

    ob1[u].output();

    outtextxy(100,200,"Hit 'Enter' To
Proceed To Seat Selection...");

    ch=getch();

}

}

ff.close();

if(ch==13)

{

    char q;

    char a[100],b[2];

    cleardevice();

    outtextxy(50,100,"Enter Number Of
Seats (Max. 5)...");

    q=getch();

    seat(q);

}

else

{
```

```
outtextxy(24,290,"_____") ;

getch();

char
row1[1],col1[1],row2[1],col2[1],row3[1],col3[
1],row4[1],col4[1],row5[1],col5[1],cl;

cleardevice();

settextstyle(4,0,3);

setcolor(CYAN);

if(r=='0')

{

    outtextxy(50,100,"No Seats
Available!!!");

    getch();

    exit(1);

}

if(r=='1')

{

    outtextxy(50,50,"Select Row(A-E) :->");

    gets(row1);

    outtextxy(50,100,"Select Column(1-9) :-
>");

}
```

```
    gets(col1);

    outtextxy(50,150,"Gold Class(g) or
Platinum Class(p)");

    cl=getch();

    bill1(r,row1,col1,cl);

}

if(r=='2')

{

    outtextxy(50,50,"Select Row(A-E) For
Seat-1:->");

    gets(row1);

    outtextxy(50,100,"Select Column(1-9) For
Seat-1:->");

    gets(col1);

    setcolor(MAGENTA);

    outtextxy(50,150,"Select Row(A-E) For
Seat-2:->");

    gets(row2);

    outtextxy(50,200,"Select Column(1-9) For
Seat-2:->");

    gets(col2);
```

```
    outtextxy(50,250,"Gold Class(g) or  
Platinum Class(p)");  
  
    cl=getch();  
  
    bill2(r,row1,col1,row2,col2,cl);  
  
}  
  
if(r=='3')  
{  
  
    outtextxy(50,50,"Select Row(A-E) For  
Seat-1:->");  
  
    gets(row1);  
  
    outtextxy(50,100,"Select Column(1-9) For  
Seat-1:->");  
  
    gets(col1);  
  
    setcolor(MAGENTA);  
  
    outtextxy(50,150,"Select Row(A-E) For  
Seat-2:->");  
  
    gets(row2);  
  
    outtextxy(50,200,"Select Column(1-9) For  
Seat-2:->");  
  
    gets(col2);  
  
    setcolor(YELLOW);
```

```
    outtextxy(50,250,"Select Row (A-E) For  
Seat-3:->");  
  
    gets(row3);  
  
    outtextxy(50,300,"Select Column (1-9) For  
Seat-3:->");  
  
    gets(col3);  
  
    outtextxy(50,350,"Gold Class (g) or  
Platinum Class (p)");  
  
    cl=getch();  
  
bill3(r,row1,col1,row2,col2,row3,col3,cl);  
  
}  
  
if(r=='4')  
{  
  
    outtextxy(50,50,"Select Row (A-E) For  
Seat-1:->");  
  
    gets(row1);  
  
    outtextxy(50,100,"Select Column (1-9) For  
Seat-1:->");  
  
    gets(col1);  
  
    setcolor(MAGENTA);
```

```
    outtextxy(50,150,"Select Row (A-E) For  
Seat-2:->");  
  
    gets(row2);  
  
    outtextxy(50,200,"Select Column (1-9) For  
Seat-2:->");  
  
    gets(col2);  
  
    setcolor(YELLOW);  
  
    outtextxy(50,250,"Select Row (A-E) For  
Seat-3:->");  
  
    gets(row3);  
  
    outtextxy(50,300,"Select Column (1-9) For  
Seat-3:->");  
  
    gets(col3);  
  
    cleardevice();  
  
    setcolor(GREEN);  
  
    outtextxy(50,50,"Select Row (A-E) For  
Seat-4:->");  
  
    gets(row4);  
  
    outtextxy(50,100,"Select Column (1-9) For  
Seat-4:->");  
  
    gets(col4);
```

```
    outtextxy(50,150,"Gold Class(g) or  
Platinum Class(p)");  
  
    cl=getch();  
  
    bill4(r,row1,col1,row2,col2,row3,col3,row4,co  
14,cl);  
  
}  
  
if(r=='5')  
{  
    outtextxy(50,100,"Select Row(A-E) For  
Seat-1:->");  
  
    gets(row1);  
  
    outtextxy(50,150,"Select Column(1-9) For  
Seat-1:->");  
  
    gets(col1);  
  
    setcolor(MAGENTA);  
  
    outtextxy(50,200,"Select Row(A-E) For  
Seat-2:->");  
  
    gets(row2);  
  
    outtextxy(50,250,"Select Column(1-9) For  
Seat-2:->");  
  
    gets(col2);
```

```
    setcolor(YELLOW);

    outtextxy(50,300,"Select Row (A-E) For
Seat-3:->");

    gets(row3);

    outtextxy(50,350,"Select Column(1-9) For
Seat-3:->");

    gets(col3);

    cleardevice();

    setcolor(GREEN);

    outtextxy(50,50,"Select Row (A-E) For
Seat-4:->");

    gets(row4);

    outtextxy(50,100,"Select Column(1-9) For
Seat-4:->");

    gets(col4);

    setcolor(BROWN);

    outtextxy(50,150,"Select Row (A-E) For
Seat-5:->");

    gets(row5);

    outtextxy(50,200,"Select Column(1-9) For
Seat-5:->");

    gets(col5);
```

```
    outtextxy(50,250,"Gold Class(g) or  
Platinum Class(p)");  
  
bill5(r,row1,col1,row2,col2,row3,col3,row4,co  
l4,row5,col5,cl);  
}  
}  
  
void bill1(char r,char row1[1],char  
col1[1],char cl)  
{  
    cleardevice();  
    int rs;  
    settextstyle(3,0,3);  
    setcolor(CYAN);  
    outtextxy(50,20,"-----FIVE STAR MOVIES-----  
");  
    outtextxy(50,50,"---BILL---  
");  
    outtextxy(100,85,"Number Of Seats: ");  
    gotoxy(40,7);  
    printf("%d", (r-48));  
    outtextxy(105,110,"Seat Numbers: ");
```

```
outtextxy(290,110,row1);
outtextxy(305,110,col1);
outtextxy(100,150,"Cost Per Ticket...");  

if(c1=='g')
{
    rs=(r-48)*300;
    outtextxy(300,150," Rs.300");
    outtextxy(100,210,"Net Bill Amount...");  

    gotoxy(38,15);
    printf("%d",rs);
}
if(c1=='p')
{
    rs=(r-48)*500;
    outtextxy(300,150," Rs.500");
    outtextxy(100,210,"Net Bill Amount...");  

    gotoxy(38,15);
    printf("%d",rs);
}
outtextxy(50,250,"-----");
```

```
getch();
tq();
}

void bill2(char r,char row1[1],char
col1[1],char row2[1],char col2[1],char c1)

{
    cleardevice();
    int rs;
    settextstyle(3,0,3);
    setcolor(CYAN);
    outtextxy(50,20,"-----FIVE STAR MOVIES-----");
    outtextxy(50,50,"---BILL---");
    outtextxy(100,85,"Number Of Seats: ");
    gotoxy(40,7);
    printf("%d", (r-48));
    outtextxy(105,110,"Seat Numbers: ");
    outtextxy(290,110,row1);
    outtextxy(305,110,col1);
    outtextxy(330,110,row2);
```

```
outtextxy(345,110,col2);

outtextxy(100,150,"Cost Per Ticket...");

if(cl=='g')

{

    rs=(r-48)*300;

    outtextxy(300,150," Rs.300");

    outtextxy(100,210,"Net Bill Amount...");

    gotoxy(38,15);

    printf("%d",rs);

}

if(cl=='p')

{

    rs=(r-48)*500;

    outtextxy(300,150," Rs.500");

    outtextxy(100,210,"Net Bill Amount...");

    gotoxy(38,15);

    printf("%d",rs);

}

outtextxy(50,250,"-----");

getch();
```

```
tq();  
}  
  
void bill3(char r,char row1[1],char  
col1[1],char row2[1],char col2[1],char  
row3[1],char col3[1],char cl)  
{  
    cleardevice();  
    int rs;  
    settextstyle(3,0,3);  
    setcolor(CYAN);  
    outtextxy(50,20,"-----FIVE STAR MOVIES-----  
");  
    outtextxy(50,50,"---BILL---  
");  
    outtextxy(100,85,"Number Of Seats: ");  
    gotoxy(40,7);  
    printf("%d", (r-48));  
    outtextxy(105,110,"Seat Numbers: ");  
    outtextxy(290,110,row1);  
    outtextxy(305,110,col1);  
    outtextxy(330,110,row2);
```

```
outtextxy(345,110,col2);

outtextxy(370,110,row3);

outtextxy(385,110,col3);

outtextxy(100,150,"Cost Per Ticket...");

if(cl=='g')

{

    rs=(r-48)*300;

    outtextxy(300,150," Rs.300");

    outtextxy(100,210,"Net Bill Amount...");

    gotoxy(38,15);

    printf("%d",rs);

}

if(cl=='p')

{

    rs=(r-48)*500;

    outtextxy(300,150," Rs.500");

    outtextxy(100,210,"Net Bill Amount...");

    gotoxy(38,15);

    printf("%d",rs);

}
```

```
outtextxy(50,250,"-----");
getch();
tq();
}

void bill4(char r,char row1[1],char
col1[1],char row2[1],char col2[1],char
row3[1],char col3[1],char row4[1],char
col4[1],char cl)

{
    cleardevice();
    int rs;
    settextstyle(3,0,3);
    setcolor(CYAN);
    outtextxy(50,20,"----FIVE STAR MOVIES----");
    outtextxy(50,50,"---BILL---");
    outtextxy(100,85,"Number Of Seats: ");
    gotoxy(40,7);
    printf("%d", (r-48));
    outtextxy(105,110,"Seat Numbers: ");
}
```

```
outtextxy(290,110,row1);
outtextxy(305,110,col1);
outtextxy(330,110,row2);
outtextxy(345,110,col2);
outtextxy(370,110,row3);
outtextxy(385,110,col3);
outtextxy(410,110,row4);
outtextxy(425,110,col4);
outtextxy(100,150,"Cost Per Ticket...");  
if(cl=='g')
{
    rs=(r-48)*300;
    outtextxy(300,150," Rs.300");
    outtextxy(100,210,"Net Bill Amount...");
    gotoxy(38,15);
    printf("%d",rs);
}
if(cl=='p')
{
    rs=(r-48)*500;
```

```
    outtextxy(300,150, " Rs.500") ;

    outtextxy(100,210, "Net Bill Amount...") ;

    gotoxy(38,15) ;

    printf("%d", rs) ;

}

outtextxy(50,250, "-----") ;

getch() ;

tq() ;

}

void bill5(char r,char row1[1],char
col1[1],char row2[1],char col2[1],char
row3[1],char col3[1],char row4[1],char
col4[1],char row5[1],char col5[1],char cl)

{
    cleardevice() ;

    int rs;

    settextstyle(3,0,3) ;

    setcolor(CYAN) ;

    outtextxy(50,20, "----FIVE STAR MOVIES----"
) ;
```

```
outtextxy(50,50,"") ; ---BILL---  
outtextxy(100,85,"Number Of Seats: ");  
gotoxy(40,7);  
printf("%d", (r-48));  
outtextxy(105,110,"Seat Numbers: ");  
outtextxy(290,110,row1);  
outtextxy(305,110,col1);  
outtextxy(330,110,row2);  
outtextxy(345,110,col2);  
outtextxy(370,110,row3);  
outtextxy(385,110,col3);  
outtextxy(410,110,row4);  
outtextxy(425,110,col4);  
outtextxy(450,110,row5);  
outtextxy(465,110,col5);  
outtextxy(100,150,"Cost Per Ticket...");  
if(cl=='g')  
{  
    rs=(r-48)*300;
```

```
    outtextxy(300,150," Rs.300") ;

    outtextxy(100,210,"Net Bill Amount...") ;

    gotoxy(38,15) ;

    printf("%d",rs) ;

}

if(cl=='p')

{

    rs=(r-48)*500;

    outtextxy(300,150," Rs.500") ;

    outtextxy(100,210,"Net Bill Amount...") ;

    gotoxy(38,15) ;

    printf("%d",rs) ;

}

outtextxy(50,250,"-----") ;

getch() ;

tq() ;

}

void tq()

{

    cleardevice() ;
```

```
randomize();

for(int i=0;i<=1100;i++)

{

    settextstyle(3,1,1);

    putpixel(random(720),random(500),random(15));

}

for(i=0;i<=40;i++)

{

    setcolor(i);

    circle(65,40,i);

    delay(1);

}

for( i=0;i<=40;i++)

{

    setcolor(i);

    circle(65,140,i);

    delay(1);

}

for( i=0;i<=40;i++)
```

```
{  
    setcolor(i);  
    circle(65,240,i);  
    delay(1);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(65,340,i);  
    delay(1);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(65,440,i);  
    delay(1);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);
```

```
    circle(165,440,i);

    delay(1);

}

for( i=0;i<=40;i++)

{

    setcolor(i);

    circle(265,440,i);

    delay(1);

}

for( i=0;i<=40;i++)

{

    setcolor(i);

    circle(365,440,i);

    delay(1);

}

for( i=0;i<=40;i++)

{

    setcolor(i);

    circle(465,440,i);

    delay(1);

}
```

```
}

for( i=0;i<=40;i++)

{

    setcolor(i);

    circle(565,440,i);

    delay(1);

}

for( i=0;i<=40;i++)

{

    setcolor(i);

    circle(565,340,i);

    delay(1);

}

for( i=0;i<=40;i++)

{

    setcolor(i);

    circle(565,240,i);

    delay(1);

}

for( i=0;i<=40;i++)
```

```
{  
    setcolor(i);  
    circle(565,140,i);  
    delay(1);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(565,40,i);  
    delay(1);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);  
    circle(465,40,i);  
    delay(1);  
}  
  
for( i=0;i<=40;i++)  
{  
    setcolor(i);
```

```
    circle(365,40,i);

    delay(1);

}

for( i=0;i<=40;i++)

{

    setcolor(i);

    circle(265,40,i);

    delay(1);

}

for( i=0;i<=40;i++)

{

    setcolor(i);

    circle(165,40,i);

    delay(1);

}

setcolor(CYAN);

settextstyle(5,0,8);

outtextxy(150,100,"THANK");

setcolor(MAGENTA);

settextstyle(5,0,8);
```

```
outtextxy(200,200,"YOU...");  
getch();  
exit(1);  
}  
  
void main()  
{  
    int gdriver=DETECT,gmode;  
    initgraph(&gdriver,&gmode,"");  
    pvr p;  
    Movie m;  
    p.intro();  
    p.menu();  
    p.name();  
    mainmenu();  
    tq();  
    getch();  
}
```

SAMPLE OUTPUT





MAIN MENU...

1. OWNER'S PAGE

2. USERS'S PAGE

3. EXEC

OWNER'S PAGE...

Enter Password... ****

Login Successful...

Press 'Esc' To Go Back To Main Menu...

Owners Page...

Enter Details Of Movie

Movie ID: 123

Movie Name: BAIRAVAA

Movie Language: TAMIL

Cast: JOSEPH VIJAY,KEERTHI SURESH

Do You Want To Continue???(y/(any other key))

Owners Page...

Enter Details Of Movie

Movie ID: 456

Movie Name: SINGAM 3

Movie Language: TAMIL

Cast: SURIYA,ANUSHKA

USER'S PAGE...

View Different Movies By Using 'y' Key...

Note Down The Movie Id Of The Movie That You
Wish To Watch...

Press 'Esc' Go To Main Menu...

Users Page...

Details Of Movie

Movie ID: 123

Movie Name: BAIRAVAA

Movie Language: TAMIL

Cast: JOSEPH VIJAY, KEERTHI SURESH

Users Page...

Details Of Movie

Movie ID: 456

Movie Name: SINGAM 3

Movie Language: TAMIL

Cast: SURIYA, ANUSHKA

Enter Id Of Desired Movie...

123

Hit 'Enter' To Proceed To Seat Selection...

Enter Number Of Seats(Max. 5)...

Note Down The Seat Number And Press Any Key...

| EXIT |

[A1|A2|A3|A4|A5|A6|A7|A8|A9]

[B1|B2|B3|B4|B5|B6|B7|B8|B9]

[C1|C2|C3|C4|C5|C6|C7|C8|C9]

[D1|D2|D3|D4|D5|D6|D7|D8|D9]

[E1|E2|E3|E4|E5|E6|E7|E8|E9]

SCREEN

| EXIT |

Select Row(A-E) For Seat-1:->
Select Column(1-9) For Seat-1:->
Select Row(A-E) For Seat-2:->
Select Column(1-9) For Seat-2:->
Select Row(A-E) For Seat-3:->
Select Column(1-9) For Seat-3:->
Gold Class(g) or Platinum Class(p)

A
A1
A2
A3

-----FIVE STAR MOVIES-----
---BILL---

Number Of Seats: 3
Seat Numbers: A1 A2 A3
Cost Per Ticket... Rs.300

Net Bill Amount... 900

T.HANK
YOU.

CONCLUSION...

From this project, I would like to conclude that online movie ticket booking soft wares have been an integral part in the development of film industry. This is also a solution to stop movie piracy. So, use my soft ware to book tickets and enjoy your favorite movies.

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