***BOOK*** ***MY***

***SHOW***

*Computer Science Project*

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#include<fstream.h>

#include<process.h>

#include<string.h>

#include<conio.h>

int choice,movie,theatre,seats,show,i,c,flag=1;

char ch,pass[20],id[40];

class registry

{ char fname[20], sname[20], city[20], password[20], email\_id[40];

public : void getdata();

char \*getfname()

{ return fname; }

char \*getsname()

{ return sname; }

char \*getid()

{ return email\_id; }

char \*getpass()

{ return password; }

} customer,person;

void registry::getdata()

{ textcolor(WHITE); textbackground(BLACK); cout<<"\n\n\n\t\t";

cprintf(" ENTER YOUR FIRST NAME : ");

textcolor(BLACK); textbackground(WHITE);

cscanf("%s",fname);

textcolor(WHITE); textbackground(BLACK); cout<<"\n\n\t\t";

cprintf(" ENTER YOUR SECOND NAME : ");

textcolor(BLACK); textbackground(WHITE);

cscanf("%s",sname);

textcolor(WHITE); textbackground(BLACK); cout<<"\n\n\t\t";

cprintf(" ENTER YOUR CITY : ");

textcolor(BLACK); textbackground(WHITE);

cscanf("%s",city);

textcolor(WHITE); textbackground(BLACK); cout<<"\n\n\t\t";

cprintf(" ENTER YOUR EMAIL ID : ");

textcolor(BLACK); textbackground(WHITE);

cscanf("%s",email\_id);

textcolor(WHITE); textbackground(BLACK); cout<<"\n\n\t\t";

cprintf(" ENTER PASSWORD : ");

i=0; getch();

while(i!=20)

{ ch=getch();

if((ch>='a' && ch<='z')||(ch>='A' && ch<='Z')||(ch>='0' && ch<='9'))

{ password[i++]=ch;

textcolor(BLACK); textbackground(WHITE);

cprintf("\*"); }

if(ch=='\b' && i>=1)

{ cout<<"\b \b"; --i; }

if(ch==13)

{ password[i]='\0'; break; }

}

}

void main()

{ clrscr();

while(choice!=6)

{clrscr();

window(1,1,80,25);

textbackground(6); cprintf(" "); clrscr();

textcolor(RED);

textbackground(BLACK);

cout<<"\n\n ";

cprintf(" \_\_\_ \_\_\_\_ \_\_\_\_ \_ \_ MM MM Y Y \*\*\*\* \* \* \*\*\*\* \* \* "); cout<<"\n ";

cprintf(" \_ \_ \_ \_ \_ \_ \_ \_ M M M M Y Y \* \* \* \* \* \* \* "); cout<<"\n ";

cprintf(" \_\_\_ \_ \_ \_ \_ \_\_ M MM M Y \*\*\*\* \*\*\*\* \* \* \* \* \* "); cout<<"\n ";

cprintf(" \_ \_ \_ \_ \_ \_ \_ \_ M M Y \* \* \* \* \* \* \* \* \* "); cout<<"\n ";

cprintf(" \_\_\_ \_\_\_\_ \_\_\_\_ \_ \_ M M Y \*\*\*\* \* \* \*\*\*\* \* \* "); cout<<"\n ";

textbackground(6);

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

textcolor(WHITE); textbackground(9);

cprintf(" Welcome to ");

textcolor(GREEN+BLINK);

cprintf("Book My Show ");

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

textcolor(5); textbackground(BLACK);

cprintf(" MENU "); cout<<"\n\t";

cprintf(" "); cout<<"\n\t";

textcolor(3);

cprintf(" 1. MOVIES "); cout<<"\n\t";

cprintf(" 2. THEATRES ");cout<<"\n\t";

cprintf(" 3. TICKET Booking "); cout<<"\n\t";

cprintf(" 4. SIGN IN "); cout<<"\n\t";

cprintf(" 5. REGISTER "); cout<<"\n\t";

cprintf(" 6. EXIT "); cout<<"\n\t";

cprintf(" "); cout<<"\n\t";

cprintf(" "); cout<<"\n\n\t ";

textcolor(WHITE);

cprintf("CHOICE = ");

cscanf("%d",&choice);

clrscr();

switch(choice)

{ case 1 : textbackground(5); cprintf(" "); clrscr();

window(8,6,30,21);

textbackground(BLUE); textcolor(WHITE);

cprintf(" 85% CHENNAI EXPRESS 72% BESHARAM 44% GRAAND MASTII 90% THE LUNCH BOX 60% AASHIQUI II 43% Ek Tha TIGER 50% MADRAS CAFE ");

window(35,6,58,21);

textbackground(GREEN); textcolor(WHITE);

cprintf(" BESHARAM (HINDI) RAJA RANI (TAMIL) ELYSIUM (ENGLISH) GRAAND MASTI (HINDI) THE LUNCH BOX (HINDI) CHENNAI EXPRESS (HINDI) SKYFALL (ENGLISH) ");

window(63,6,75,21);

textbackground(RED); textcolor(WHITE);

cprintf(" DHOOM 3 KRISH 3 RAM LEELA DIANA BULLET RAJA DON III DABBANG III ");

window(8,3,30,5);

textbackground(BLACK); textcolor(BLUE);

cprintf(" TOP MOVIES IN YOUR REGION ");

window(35,3,58,5);

textbackground(BLACK); textcolor(GREEN);

cprintf(" NOW PLAYING IN THEATRES ");

window(63,3,75,5);

textbackground(BLACK); textcolor(RED);

cprintf(" COMING SOON ");

getch(); getch(); break;

case 2 : textbackground(BLUE); getch(); clrscr();

window(2,2,36,2); textcolor(CYAN); textbackground(BLACK);

cprintf(" THEATRES ");

window(37,2,43,2); textcolor(GREEN); textbackground(BLACK);

cprintf(" CODE ");

window(46,2,54,2); textcolor(5); textbackground(BLACK);

cprintf(" SHOW 1 ");

window(58,2,66,2); textcolor(5); textbackground(BLACK);

cprintf(" SHOW 2 ");

window(70,2,79,2); textcolor(5); textbackground(BLACK);

cprintf(" SHOW 3 ");

cout<<"\n\n";

window(1,5,80,25); textcolor(YELLOW); textbackground(BLACK);

cprintf(" DT Star Cinemas, DLF Promenade Mall 1 12:00- 3:00 4:00-7:00 8:00-11:00 "); cout<<"\n";

cprintf(" DT Star Cinemas, DLF Place Mall 2 12:00- 3:00 4:00-7:00 8:00-11:00 "); cout<<"\n";

cprintf(" DT Cinemas , DLF Centre Mall 3 12:00- 3:00 4:00-7:00 8:00-11:00 "); cout<<"\n";

cprintf(" DT Cinemas , DLF Mega Mall 4 12:00- 3:00 4:00-7:00 8:00-11:00 "); cout<<"\n";

cprintf(" DT Cinemas , DLF Star Mall 5 12:00- 3:00 4:00-7:00 8:00-11:00 "); cout<<"\n";

cprintf(" SRS Cinemas , Sohna Road 6 12:00- 3:00 4:00-7:00 8:00-11:00 "); cout<<"\n";

cprintf(" PVR Cinemas , M G Road 7 12:00- 3:00 4:00-7:00 8:00-11:00 "); cout<<"\n";

cprintf(" PVR Cinemas , Vasant Kunj 8 12:00- 3:00 4:00-7:00 8:00-11:00 "); cout<<"\n";

cprintf(" PVR Cinemas , Vasant Vihar 9 12:00- 3:00 4:00-7:00 8:00-11:00 "); cout<<"\n";

cprintf(" PVR Cinemas , Vikaspuri 10 12:00- 3:00 4:00-7:00 8:00-11:00 ");

getch(); break;

case 3 : window(1,1,80,25); textbackground(15); cprintf(" "); clrscr();

cout<<"\n\t\t"; textcolor(BLUE);

cprintf(" TICKET BOOKING COUNTER ");

if(flag)

{ if(strcmp(customer.getfname(),NULL)==0)

{ textcolor(RED+BLINK); textbackground(BLACK); cout<<"\n\n\n\n\t";

cprintf(" SIGN IN (if already have an account) "); cout<<"\n\t";

cprintf(" Else get REGISTER YOURSELF first "); }

else

{ cout<<"\n\n\t\t\t\t Welcome "<<customer.getfname();

textcolor(RED); cout<<endl;

cprintf(" Select Movie "); cout<<endl;

cprintf("1. Chennai Express "); cout<<endl;

cprintf("2. Besharam "); cout<<endl;

cprintf("3. Aashiqui II "); cout<<endl;

cprintf("4. The Lunch Box "); cout<<endl;

cprintf("5. Skyfall "); cout<<endl<<endl;

cprintf(" Choice = "); cin>>movie;

cout<<endl;

cprintf("Enter Code of the Theatre(1-10)"); cin>>theatre;

cout<<endl;

cprintf("Enter the show no. "); cin>>show;

cout<<endl;

cprintf("Enter no. of seats "); cin>>seats;

clrscr(); gotoxy(1,6);

cout<<"---------------------------------------------------------------------------";

textcolor(RED); cout<<"\n\t\t\t"; cprintf(" TICKET ");

textcolor(5); cout<<endl;

cprintf("Customer Name : %s",customer.getfname()); cout<<endl;

cprintf("Movie : ");

switch(movie)

{ case 1 : cprintf("Chennai Express"); break;

case 2 : cprintf("Besharam "); break;

case 3 : cprintf("Aashiqui II "); break;

case 4 : cprintf("The Lunch Box "); break;

case 5 : cprintf("SkyFall "); break; }

cout<<endl;

cprintf("Theatre : ");

switch(theatre)

{ case 1 : cprintf(" DT Star Cinemas, DLF Promenade Mall "); break;

case 2 : cprintf(" DT Star Cinemas, DLF Place Mall "); break;

case 3 : cprintf(" DT Cinemas , DLF Centre Mall "); break;

case 4 : cprintf(" DT Cinemas , DLF Mega Mall "); break;

case 5 : cprintf(" DT Cinemas , DLF Star Mall "); break;

case 6 : cprintf(" SRS Cinemas , Sohna Road "); break;

case 7 : cprintf(" PVR Cinemas , M G Road "); break;

case 8 : cprintf(" PVR Cinemas , Vasant Kunj "); break;

case 9 : cprintf(" PVR Cinemas , Vasant Vihar "); break;

case 10: cprintf(" PVR Cinemas , Vikaspuri "); break; }

cout<<endl;

cprintf("Show timings : ");

switch(show)

{ case 1 : cprintf("12:00-3:00"); break;

case 2 : cprintf(" 4:00-7:00"); break;

case 3 : cprintf("7:00-11:00"); break; }

cout<<endl;

cprintf("Seats Booked : %d",seats); cout<<endl;

cprintf("Cost : %d",seats\*200); cout<<endl;

cout<<"------------------------------------------------------------------------------"; getch();

} }

else

{ cout<<"\n\n\t\t\t\t Welcome "<<person.getfname();

textcolor(RED); cout<<endl;

cprintf(" Select Movie "); cout<<endl;

cprintf("1. Chennai Express "); cout<<endl;

cprintf("2. Besharam "); cout<<endl;

cprintf("3. Aashiqui II "); cout<<endl;

cprintf("4. The Lunch Box "); cout<<endl;

cprintf("5. Skyfall "); cout<<endl<<endl;

cprintf(" Choice = "); cin>>movie;

while(movie>5 || movie<1) { cout<<"\b \b"; cin>>movie; }

cout<<endl;

cprintf("Enter Code of the Theatre "); cin>>theatre;

while(theatre>10 || theatre<1) { cout<<"\b \b"; cin>>theatre; }

cout<<endl;

cprintf("Enter the show no. "); cin>>show;

while(show>3 || show<1) { cout<<"\b \b"; cin>>show; } cout<<endl;

cprintf("Enter no. of seats "); cin>>seats;

clrscr(); gotoxy(1,6);

cout<<"---------------------------------------------------------------------------";

textcolor(RED); cout<<"\n\t\t\t"; cprintf(" TICKET ");

textcolor(BROWN); cout<<endl;

cprintf("Customer Name : %s",person.getfname()); cout<<endl;

cprintf("Movie : ");

switch(movie)

{ case 1 : cprintf("Chennai Express"); break;

case 2 : cprintf("Besharam "); break;

case 3 : cprintf("Aashiqui II "); break;

case 4 : cprintf("The Lunch Box "); break;

case 5 : cprintf("SkyFall "); break; }

cout<<endl;

cprintf("Theatre : ");

switch(theatre)

{ case 1 : cprintf(" DT Star Cinemas, DLF Promenade Mall "); break;

case 2 : cprintf(" DT Star Cinemas, DLF Place Mall "); break;

case 3 : cprintf(" DT Cinemas , DLF Centre Mall "); break;

case 4 : cprintf(" DT Cinemas , DLF Mega Mall "); break;

case 5 : cprintf(" DT Cinemas , DLF Star Mall "); break;

case 6 : cprintf(" SRS Cinemas , Sohna Road "); break;

case 7 : cprintf(" PVR Cinemas , M G Road "); break;

case 8 : cprintf(" PVR Cinemas , Vasant Kunj "); break;

case 9 : cprintf(" PVR Cinemas , Vasant Vihar "); break;

case 10: cprintf(" PVR Cinemas , Vikaspuri "); break; }

cout<<endl;

cprintf("Show timings : ");

switch(show)

{ case 1 : cprintf("12:00-3:00"); break;

case 2 : cprintf(" 4:00-7:00"); break;

case 3 : cprintf("7:00-11:00"); break; }

cout<<endl;

cprintf("Seats Booked : %d",seats); cout<<endl;

cprintf("Cost : Rs%d",seats\*200); cout<<endl;

cout<<"------------------------------------------------------------------------------"; getch();

}

getch(); getch();

break;

s : case 4 : window(1,1,80,25); textbackground(CYAN); cprintf(" "); clrscr();

window(25,6,45,6); textbackground(WHITE); textcolor(5);

cprintf(" WELCOME TO SIGN IN ");

window(15,10,36,10);

textcolor(WHITE); textbackground(BLUE);

cprintf(" EMAIL ID ");

window(37,10,70,10);

textcolor(WHITE); textbackground(BLACK);

cscanf("%s",id);

window(15,13,36,13);

textcolor(WHITE); textbackground(BLUE);

cprintf(" PASSWORD ");

window(37,13,70,13);

textcolor(WHITE); textbackground(BLACK);

i=0; getch();

while(i!=20)

{ ch=getch();

if((ch>='a' && ch<='z')||(ch>='A' && ch<='Z')||(ch>='0' && ch<='9'))

{ pass[i++]=ch;

textcolor(WHITE); textbackground(BLACK);

cprintf("\*"); }

if(ch=='\b' && i>=1)

{ cout<<"\b \b"; --i; }

if(ch==13)

{ pass[i]='\0'; break; }

}

ifstream file1;

file1.open("ACCOUNT",ios::in); file1.seekg(0);

while(!file1.eof())

{ file1.read((char\*)&person,sizeof(person));

if(strcmp(person.getid(),id)==0)

{ if(strcmp(person.getpass(),pass)==0)

{ window(22,20,80,20); textcolor(BLINK); textbackground(5);

cprintf(" Welcome back %s %s \_",person.getfname(),person.getsname()); flag=0;

getch(); break; }

}

}

if(flag)

{ window(22,20,80,20); textcolor(BLINK); textbackground(5);

cprintf(" Either username or password is incorrect ");

textcolor(BLUE); cout<<"\n\n";

cprintf("Press 1 to try again ");

cprintf("Press 2 for Main MENU");

cin>>c;

if(c==1) goto s;

}

break;

case 5 : window(1,1,80,25); textbackground(RED); cprintf(" "); clrscr();

cout<<"\n\n\n\t\t"; textcolor(GREEN+BLINK);

cprintf("Please fill all the information correctly");

ofstream file;

file.open("ACCOUNT",ios::out|ios::app);

customer.getdata();

file.write((char\*)&customer,sizeof(customer));

file.close();

break;

case 6 : file1.close();

exit(0); }}}











