SYNOPSIS

Our Project deals with the management in hotel with the exploitation of data files and built in functions available in C++.

This Program has been developed with the intention of giving the users a platform to access , update and manage the task of booking room. The concept of classes has been made use in integrating the template of all the records of the purchase.

The fringe benefit of using this file also includes the user friendly platform that it is. The data are also secure considering that only authorized persons (with a password) gets access to the stored records.

SYSTEM REQUIREMENT

HARDWARE REQUIREMENTS:

- Intel Pentium II Processor or higher

- 2 GB of RAM or higher

- 15" CRT/TFT/LCD color monitor

- 102 keys keyboard

- Mouse

SOFTWARE REQUIREMENTS:

- Disk Operating System

- Turbo C++

CODING

```cpp
#include<fstream.h>
#include<conio.h>
#include<string.h>
#include<stdio.h>
#include<dos.h>
#include<graphics.h>
#include<stdlib.h>
int a,b,c,cash=0;
long int profit=0;
char pq;
char rno[20];
char name[20],pass[20];
class rooms
{
 public:
int rm1,rm2,rm3,rm4;
}room;
class comments
{public:
char comment[200];
}rev;
class lodgings
```

```cpp
{
public:
 char sno[20];
 char name[20],pass[20];
 void putdata( )
  {
cout<<"The serial no is:"<<sno<<"\n\n";
cout<<"The  name  is :"<<name<<"\n\n";
 }
 }l,o;
class lenting
{
public:
char rtno[20],rt1[40],rt2[40],rt3[40],roomno[5];
int rt4,rt5;
}p,q;
void roomdisplay( )
{
int m;
clrscr( );
ifstream f("lenting.txt",ios::in);
f.seekg(0);
```

```cpp
while(!f.eof( ))
{
 f.read((char*)&p,sizeof(p));
 if(strcmp(p.rtno,rno)==0)
{
 if(m!=f.tellg( ))
 {
cout<<"\n\n\n\n\n\n\n\t\t\tYour Room Details:\n\n\n\t\t\t";
cout<<"Room No: "<<p.roomno<<"\n\t\t\t";
cout<<p.rt4<<" Persons\n\t\t\t"<<p.rt1<<"\n\t\t\t"<<p.rt2;
cout<<"\n\t\t\tNo: Of Days Staying :"<<p.rt5;
getch();
clrscr();
 m=f.tellg( );
 }
 }
 }
 }
void billdisp( )
{
char t[25];
int g=DETECT,m;
```

```
initgraph(&g,&m,"..\\bgi");

setcolor(BLUE);

rectangle(50,0,550,400);

setcolor(GREEN);

settextstyle(1,HORIZ_DIR,4);

outtextxy(250,0,"BILL");

setcolor(CYAN);

settextstyle(8,HORIZ_DIR,1);

outtextxy(100,100,"PERSONS:");

outtextxy(400,100,itoa(p.rt4,t,10));

outtextxy(100,150,"DAYS STAYING:");

outtextxy(400,150,itoa(p.rt5,t,10));

outtextxy(100,200,"ROOM TYPE:");

outtextxy(400,200,p.rt1);

outtextxy(100,250,"ROOM TYPE:");

outtextxy(400,250,p.rt2);

outtextxy(100,300,"COST:");

outtextxy(400,300,itoa(cash,t,10));

settextstyle(5,HORIZ_DIR,1);

setcolor(YELLOW);

outtextxy(380,350,"CASABLANSA");

settextstyle(8,HORIZ_DIR,1);
```

```cpp
setcolor(LIGHTRED);

outtextxy(200,400,"ENTER CHOICE");

outtextxy(100,420,"1.PAY");

outtextxy(400,420,"2.CANCEl");

pq=getch( );

cleardevice( );

closegraph( );

}


int bill( )

{

 char bname[25],bpass[25],bpin[17];

clrscr( );

cout<<"\n\n\n\n\n\n\n\t\t\How do you want to
pay?\n\t\t\t1.Net Banking";

cout<<"\t2.Credit Card\n\t\t\t";

cin>>a;

 if(a==1)

 {

clrscr ( );

cout<<"\n\n\n\n\n\n\n\t\t\tChoose your
bank:\n\t\t\t1.SBI\t2.IOB\t";

cout<<"3.SIB\n\t\t\t";
```

```cpp
getch( );

clrscr( );

cout<<"\n\n\n\t\t\tEnter Name:\n\t\t\t";

cin>>bname;

cout<<"\n\n\t\t\tEnter Password:\n\t\t\t";

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

  {

int k;

   k=getch( );

cout<<"*";

 if(k==13||k==32)

 {

 break;

 }

 }

clrscr( );

cout<<"\n\n\n\n\n\n\n\n\t\tWelcome "<<bname;

delay(1000);

billdisp( );

 if(pq=='1')

 {

clrscr( );
```

```cpp
cout<<"\n\n\n\n\n\t\t\tTransacting...";

delay(1500);

clrscr( );

cout<<"\n\n\n\n\n\t\t\tThank You";

 delay(1200);

clrscr( );

 }

 }

 if(a==2)

 {

clrscr( );

cout<<"\n\n\n\n\n\n\t\t\t1.Visa\t2.Mastercard";

getch( );

clrscr( );

cout<<"\n\n\n\n\n\n\t\t\tEnter your PIN number:\n\t\t\t";

cin>>bpin;

cout<<"\n\t\t\tEnter your Name:\n\t\t\t";

cin>>bname;

clrscr( );

billdisp( );


 if(pq=='1')
```

```cpp
  {
clrscr( );
cout<<"\n\n\n\n\n\t\t\tTransacting...";
delay(1500);
clrscr( );
cout<<"\n\n\n\n\n\t\t\tThank You";
delay(1200);
clrscr( );
 }
 }
if(pq=='1')
return 0;
else
return 1;
}
void rentaroom( )
{
cash=0;
int rooms;
int check1=0,check2=0;
char check='n';
b=0;
```

```cpp
ofstream f("lenting.txt",ios::app);

ifstream f1("lenting.txt",ios::in);

f1.seekg(0);

while(!f1.eof( ))

{ f1.read((char*)&p,sizeof(p));

 b++;

 }

rooms=10-(b-1);

f1.close( );

if(rooms==0)

cout<<"\n\n\n\n\n\n\n\t\t\tNo Rooms Available";

else

 {

ofstream f2("rooms.txt",ios::app);

 f2.close( );

ifstream f3("rooms.txt",ios::in);

 f3.seekg(0);

 f3.read((char*)&room,sizeof(room));

 f3.close( );

int r;

clrscr( );

cout<<"\n\n\n\n\n\n\n\t\t\tNo: Of People Staying\n\t\t\t";
```

```cpp
cin>>p.rt4;
 cash+=100*p.rt4;
clrscr( );
cout<<"\n\n\n\n\n\n\n\t\t\tNo: Of Days Staying\n\t\t\t";
cin>>p.rt5;
clrscr( );
 r1:
cout<<"\n\n\n\n\n\n\n\t\t\t1.A/C\n\t\t\t2.NON-A/C\n\t\t\t";
cin>>a;
 switch (a)
 {
  case 1:strcpy(p.rt1,"A/C");
       cash+=500;
       check1=1;
       break;
  case 2:strcpy(p.rt1,"NON-A/C");
       cash+=250;
       check1=2;
       break;
default:cout<<"this function is not possible\n\t\tEnter another:";
       goto r1;
 }
```

```cpp
clrscr( );
 r2:
cout<<"\n\n\n\n\n\n\n\t\t\t1.3BHK\n\t\t\t2.2BHK\n\t\t\t";
cin>>a;
 switch (a)
 {
  case 1:strcpy(p.rt2,"3BHK");
       cash+=500;
       check2=1;
       break;
  case 2:strcpy(p.rt2,"2BHK");
       cash+=250;
       check2=2;
       break;
default:cout<<"this function is not possible\n\t\tEnter another:";
       goto r2;
 }
clrscr( );
 if(check1==1&&check2==1)
 {
  if(room.rm1>=4)
  {
```

```cpp
cout<<"\n\n\n\n\n\n\n\t\t\tthere are no vacant 3BHK and A/C rooms\n";

cout<<"\t\t\tdo you want to choose another type(y/n)";

cin>>check;

 if(check=='y')

goto r1;

 else

goto end;

  }

 }

 if(check1==2&&check2==1)

 {

  if(room.rm2>=2)

  {

cout<<"\n\n\n\n\n\n\n\t\t\tthere are no vacant 3BHK and NON A/C rooms\n";

cout<<"\t\t\tdo you want to choose another type(y/n)";

cin>>check;

 if(check=='y')

goto r1;

else

goto end;

  }
```

```cpp
    }
    if(check1==1&&check2==2)
    {
     if(room.rm3>=2)
     {
cout<<"\n\n\n\n\n\n\n\t\t\tthere are no vacant 2BHK and A/C rooms\n";
cout<<"\t\t\tdo you want to choose another type(y/n)";
cin>>check;
     if(check=='y')
goto r1;
     else
goto end;
    }
    }
    if(check1==2&&check2==2)
    {
     if(room.rm4>=2)
     {
cout<<"\n\n\n\n\n\n\n\t\t\tthere are no vacant 2BHK and NON A/C rooms\n";
cout<<"\t\t\tDo you want to choose another type(y/n)";
cin>>check;
```

```cpp
    if(check=='y')
goto r1;
    else
goto end;
  }
 }
cout<<"\n\n\n\n\n\n\n\t\t\t1.Room Service
Required\n\t\t\t2.Not Required\n\t\t\t";
 r3:
cin>>a;
 switch (a)
 {
  case 1:strcpy(p.rt3,"Room Service Required");
        cash+=500;
        break;
  case 2:strcpy(p.rt3,"Room Service Not Required");
        cash+=250;
        break;
default:cout<<"This function is not possible\n\t\tEnter another:";
        goto r3;
 }
strcpy(p.rtno,rno);
clrscr( );
```

```cpp
 cash=cash*p.rt5;

cout<<"\n\n\n\n\n\n\n\t\t\tThe total cost is: "<<cash;

cout<<"\n\t\t\t1.Rent\n\t\t\t2.Cancel\n\t\t\t";

cin>>a;

if(a==1)

{

int z;

 z=bill( );

clrscr( );

 if(z==0)

 {

 if(check1==1&&check2==1)

 {

  if(room.rm1<4)

  {

   room.rm1++;

   switch (room.rm1)

   {

    case 1:strcpy(p.roomno,"A01");

          break;

    case 2:strcpy(p.roomno,"A02");

          break;
```

```c
    case 3:strcpy(p.roomno,"A03");
        break;
    case 4:strcpy(p.roomno,"A04");
        break;
}
}
}
 if(check1==2&&check2==1)
{
 if(room.rm2<2)
{
room.rm2++;
switch (room.rm2)
{
 case 1:strcpy(p.roomno,"B01");
 break;
 case 2:strcpy(p.roomno,"B02");
break;
}
}
}
 if(check1==1&&check2==2)
```

```
{
 if(room.rm3<2)
{
 room.rm3++;
switch (room.rm3)
 {
    case 1:strcpy(p.roomno,"C01");
         break;
    case 2:strcpy(p.roomno,"C02");
         break;
 }
 }
 }
 if(check1==2&&check2==2)
 {
 if(room.rm4<2)
 {
 room.rm4++;
 switch (room.rm4)
 {
 case 1:strcpy(p.roomno,"D01");
break;
```

```cpp
case 2:strcpy(p.roomno,"D02");
 break;
 }
 }
 }
ofstream f4("rooms.txt",ios::out);
 f4.write((char*)&room,sizeof(room));
 f4.close( );
ofstream f10("profit.txt",ios::out);
ifstream f20("profit.txt",ios::in);
 f20.seekg(0);
 f20>>profit;
 profit+=cash;
 f10<<profit;
 f10.close( );
 f20.close( );
f.write((char*)&p,sizeof(p));
}
}
}
end:
f.close( );
```

```cpp
}
void filedelete( )
{
clrscr( );
ifstream fio("lodging.txt",ios::in);
ofstream file("temp.txt",ios::app);
char f='f',confirm='n';
int once=0;
while(!fio.eof( ))
 {fio.read((char*)&l,sizeof(l));
  if(once==0)
  if(strcmp(l.sno,rno)==0)
  {
  once++;
   f='t';
cout<<"Are you sure you want to delete this account?(y/n)...\n\n";
l.putdata( );
cin>>confirm;
if(confirm=='n')
file.write((char*)&l,sizeof(l));
   }
if(strcmp(l.sno,rno)!=0)
```

```cpp
file.write((char*)&l,sizeof(l));
}
if(confirm!='n');
{
int only;
ifstream f1("lenting.txt",ios::in);
ofstream f2("temp2.txt",ios::app);
f1.seekg(0);
while(!f1.eof( ))
{
f1.read((char*)&p,sizeof(p));
if(strcmp(p.rtno,rno)!=0)
f2.write((char*)&p,sizeof(p));
if(strcmp(p.rtno,rno)==0)
 {
  if(f1.tellg( )!=only)
{
ifstream g1("rooms.txt",ios::in);
g1.seekg(0);
 g1.read((char*)&room,sizeof(room));
 g1.close( );
 if(strcmp(p.rt1,"A/C")==0&&strcmp(p.rt2,"3BHK")==0)
```

```cpp
  room.rm1--;
 if(strcmp(p.rt1,"NON A/C")==0&&strcmp(p.rt2,"3BHK")==0)
 room.rm2--;
  if(strcmp(p.rt1,"A/C")==0&&strcmp(p.rt2,"2BHK")==0)
  room.rm3--;
  if(strcmp(p.rt1,"NON A/C")==0&&strcmp(p.rt2,"2BHK")==0)
 room.rm4--;
  ofstream g2("rooms.txt",ios::out);
  g2.write((char*)&room,sizeof(room));
  g2.close( );
  only=f1.tellg( );
 }
 }
 }
 f1.close( );
 f2.close( );
 }
if(f=='f')
cout<<"Record not found..!!\n";
fio.close( );
file.close( );
remove("lodging.txt");
```

```cpp
rename("temp.txt","lodging.txt");

remove("lenting.txt");

rename("temp2.txt","lenting.txt");

if(confirm!='n')

cout<<"Your account has been deleted";

 }

int login( )

{

ofstream f1("lodging.txt",ios::app);

f1.close();

int i;

clrscr();

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

cin>>name;

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

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

{

int k;

pass[j]=getch( );

cout<<"*";

k=pass[j];

if(k==13||k==32)
```

```cpp
{
pass[j]='\0';
break;
}
}
ifstream f("lodging.txt",ios::in);
f.seekg(0);
while(!f.eof( ))
{
f.read((char*)&l,sizeof(l));
 if(strcmp(name,l.name)==0&&strcmp(pass,l.pass)==0)
  {
strcpy(rno,l.sno);
  i=1;
  break;
  }
 else
 i=0;
}
 return(i);
}
void filecreate( )
```

```cpp
{
clrscr();
ofstream f("lodging.txt",ios::app);
serial:
cout<<"\n\n\n\n\n\n\n\t\t\tEnter your sno\n\t\t\t";
cin>>l.sno;
ifstream fin("lodging.txt",ios::in);
fin.seekg(0);
while(!fin.eof())
{
fin.read((char*)&o,sizeof(o));
if(strcmp(o.sno,l.sno)==0)
{
cout<<"\nThis serial number is already taken.please give another one\n\t\t\t";
delay(500);
clrscr( );
goto serial;
}
}
fin.close( );
name:
cout<<"\n\t\t\tEnter your username\n\t\t\t";
```

```cpp
cin>>l.name;

ifstream fin1("lodging.txt",ios::in);

fin1.seekg(0);

while(!fin1.eof( ))

{

fin1.read((char*)&o,sizeof(o));

if(strcmp(o.name,l.name)==0)

{

cout<<"\nThis username is already taken.please give another
one\n\t\t\t";

delay(500);

clrscr( );

goto name;

}

}

cout<<"\n\t\t\tEnter your password\n\t\t\t";

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

{

int k;

l.pass[i]=getch( );

cout<<"*";

k=l.pass[i];

if(k==13||k==32)
```

```cpp
{
l.pass[i]='\0';
break;
}
}
f.write((char*)&l,sizeof(l));
f.close( );
}
void filedisplay( )
{
int i=0;
clrscr( );
ifstream f("lodging.txt",ios::in);
f.seekg(0);
while(!f.eof( ))
{
f.read((char*)&l,sizeof(l));
if(strcmp(rno,l.sno)==0)
if(i==0)
{
cout<<"\n\n\n\n\n\t\tSno: "<<l.sno<<"\n\t\tName: ";
cout<<l.name<<"\n\t\tPassword: "<<l.pass;
```

```cpp
i++;

}

}

f.close( );

}

void filemodify()

{

clrscr( );

ifstream fio("lodging.txt",ios::in);

ofstream file("temp.txt",ios::app);

int once=0;

cout<<"What do you want to modify\n\t\t\t1.Name";

cout<<"\n\t\t\t2.Password\n\t\t";

cin>>a;

switch (a)

{

case 1:{while(!fio.eof( ))

        {fio.read((char*)&l,sizeof(l));

         if(once==0)

         if(strcmp(l.sno,rno)==0)

          {

         strcpy(pass,l.pass);
```

```cpp
    once++;
     }
     if(strcmp(l.sno,rno)!=0)
    file.write((char*)&l,sizeof(l));
     }
    fio.close( );
    file.close( );
    remove("lodging.txt");
    rename("temp.txt","lodging.txt");
    clrscr( );
    ofstream fout("lodging.txt",ios::app);
    strcpy(l.sno,rno);
    cout<<"\n\n\n\n\n\n\n\t\t\tEnter your new
name\n\t\t\t";
    cin>>l.name;
    strcpy(l.pass,pass);
    fout.write((char*)&l,sizeof(l));
    fout.close( );
    cout<<"Your name has been modified";
    break;
    }
case 2:{while(!fio.eof( ))
    {fio.read((char*)&l,sizeof(l));
```

```cpp
if(once==0)

if(strcmp(l.sno,rno)==0)

 {

strcpy(name,l.name);

  once++;

  }

if(strcmp(l.sno,rno)!=0)

file.write((char*)&l,sizeof(l));

 }

fio.close( );

file.close( );

remove("lodging.txt");

rename("temp.txt","lodging.txt");

clrscr( );

ofstream fout("lodging.txt",ios::app);

strcpy(l.sno,rno);

strcpy(l.name,name);

cout<<"\n\t\t\tEnter your new password\n\t\t\t";

cin>>l.pass;

fout.write((char*)&l,sizeof(l));

fout.close( );

cout<<"Your password has been modified";
```

```cpp
            break;

            }

default:cout<<"This function is not possible";

}

}


void roomsmanage( )

{

a=0;

clrscr( );

ofstream f1("lenting.txt",ios::app);

f1.close( );

ifstream f("lenting.txt",ios::in);

f.seekg(0);

ofstream f3("profit.txt",ios::app);

f3.close( );

ifstream f2("profit.txt",ios::in);

f2>>profit;

f2.close( );

while(!f.eof( ))

 { f.read((char*)&p,sizeof(p));

   a++;
```

```cpp
}
f.close( );
cout<<"\n\t\t\tTotal No: Of Rooms: "<<10;
cout<<"\n\t\t\tNo: Of Rooms Occupied: "<<a-1;
cout<<"\n\t\t\tNo: Of Rooms Available: "<<10-(a-1);
cout<<"\n\t\t\tTotal Profit: "<< profit;
cout<<"\n\n\t\t\tFor More Information Press 1\n\t\t\tPress 2 to exit\n\t\t\t";
cin>>a;
if(a==1)
{
clrscr( );
cout<<"\n\n\n\n\n\t\t\t ROOMS:";
cout<<"\n\n\t\t1.3BHK  AND  A/C ROOMS: 4";
cout<<"\n\t\t2.3BHK AND NON A/C ROOMS: 2";
cout<<"\n\t\t3.2BHK  AND  A/C ROOMS: 2";
cout<<"\n\t\t4.2BHK AND NON A/C ROOMS: 2";
getch( );
}
else
;
}
void comments( )
```

```cpp
{
char check[200];
ofstream f1("comments.txt",ios::app);
f1.close( );
ifstream f("comments.txt",ios::in);
f.seekg(-1000,ios::end);
clrscr( );
while(!f.eof( ))
{
strcpy(check,rev.comment);
f.read((char*)&rev,sizeof(rev));
if(strcmp(check,rev.comment)!=0)
cout<<rev.comment<<"\n\n";
}
getch( );
f.close( );
}
void frontpage( )
{
int g=DETECT,m,a;
initgraph(&g,&m,"..\\bgi");
for(int i1=0;i1<=8;i1++)
```

```
{
setcolor(i1%2+1);
line(200,35,205,20);
line(205,20,210,35);
line(210,35,198,25);
line(200,25,212,25);
line(212,25,200,35);
line(220,35,225,20);
line(225,20,230,35);
line(230,35,218,25);
line(220,25,232,25);
line(232,25,220,35);
line(240,35,245,20);
line(245,20,250,35);
line(250,35,238,25);
line(240,25,252,25);
line(252,25,240,35);
line(260,35,265,20);
line(265,20,270,35);
line(270,35,258,25);
line(260,25,272,25);
line(272,25,260,35);
```

```
line(280,35,285,20);

line(285,20,290,35);

line(290,35,278,25);

line(280,25,292,25);

line(292,25,280,35);

setcolor(i1);

settextstyle(1,HORIZ_DIR,5);

outtextxy(195,50,"HOTEL");

if(i1==0)

setcolor(0);

else

setcolor(i1-1);

settextstyle(3,HORIZ_DIR,7);

outtextxy(100,120,"CASABLANSA");

if(i1==0||i1==1)

setcolor(0);

else

setcolor(i1-2);

settextstyle(9,HORIZ_DIR,5);

outtextxy(120,220,"WELCOMES");

if(i1==0||i1==1||i1==2)

setcolor(0);
```

```
else

setcolor(i1-3);

settextstyle(6,HORIZ_DIR,7);

outtextxy(200,340,"YOU");

delay(400);

}

cleardevice( );

closegraph( );

clrscr( );

}

void abus( )

{

int g=DETECT,m,a;

initgraph(&g,&m,"..\\bgi");

setcolor(MAGENTA);

settextstyle(4,HORIZ_DIR,3);

outtextxy(180,50,"HEAVEN ON EARTH..!!!");

delay(500);

setcolor(CYAN);

settextstyle(3,HORIZ_DIR,2);

outtextxy(50,100,"Enjoy a one-of-a-kind experience,the best
service and");
```

```
outtextxy(50,140,"facilities on CASABLANSA.The hotel is well known");

outtextxy(50,180,"for its range and comes in its best tradition ");

outtextxy(50,220,"combined with modern amentites.It is located in the ");

outtextxy(50,260,"heart of the city Mumbai.You can also enjoy the best");

outtextxy(50,300,"services,like high speed WiFi internet,");

outtextxy(50,340,"pleasing ambience and extra-ordinary amenities.");

delay(2000);

setcolor(YELLOW);

settextstyle(9,HORIZ_DIR,2);

outtextxy(50,390,"Discover a new world where ");

outtextxy(50,430,"anything can happen.  ");

getch( );

cleardevice( );

closegraph( );

clrscr( );

}

 void credits( )

{

clrscr( );

int g1=DETECT,g2;
```

```
initgraph(&g1,&g2,"C:\\tc\\bgi");

cleardevice( );

delay(700);

settextstyle(0,0,7);

setcolor(LIGHTRED);

 for (int i=0;i<50;++i)

 {

  outtextxy(280,10+6*i,"BY");

  outtextxy(50+2*i,250-2*i,"PROJECT");

  outtextxy(330-2*i,320-2*i,"DONE");

  delay(10);

  if(i!=49)

  cleardevice( );

 }

 delay(700);

 cleardevice( );

 setfillstyle(1,WHITE);

 for(int j=0;j<10;++j)

 {

  for(i=0;i<6;++i)

  {

   bar(5,50,610-100*i,400);
```

```
   delay(60-j*5);

   cleardevice( );

 }

 delay(5);

}

bar(5,50,10,400);

setcolor(RED);

settextstyle(7,0,4);

setcolor(LIGHTGREEN);

outtextxy(270,100,"K.G.NIRUPAMA");

sleep(2);

setcolor(LIGHTBLUE);

outtextxy(270,160,"G.P.S.SNEHA");

sleep(2);

setcolor(RED);

outtextxy(270,220,"G.SAROOPA");

sleep(2);

setcolor(LIGHTRED);

outtextxy(270,280,"D.V.SRIDURGAA");

sleep(2);

setcolor(YELLOW);

outtextxy(270,340,"K.RAKSHIGA");
```

```cpp
 sleep(4);

}

void main( )

{

char password[25];

clrscr( );

credits( );

frontpage( );

home:

cout<<"\n\n\n\n\n\n\n\t\t\t1.Administrator\n\t\t\t2.Customer
";

cout<<"\n\t\t\t3.About us\n\t\t\t4.Exit\n\t\t\t";

cin>>a;

clrscr( );

switch(a)

{

 case 1:cout<<"\n\n\n\n\n\n\n\t\t\tEnter Password\n\t\t\t";

        break;

 case 2:cout<<"\n\n\n\n\n\n\n\t\t\t1.Sign up\n\t\t\t2.Log
in\n\t\t\t";

        break;

 case 3:abus( );

        goto home;
```

```cpp
  case 4:goto exit;

default:cout<<"\n\n\n\n\n\n\n\t\tThis function is not possible";

}

if(a==1)

{

 for(int n=0;n<25;n++)

 {

int k;

 password[n]=getch();

cout<<"*";

 k=password[n];

 if(k==13||k==32)

 {

 password[n]='\0';

 break;

 }

 }

 if(strcmp(password,"cyberzone")==0)

 {

clrscr( );

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

 delay(1000);
```

```cpp
   admin:

clrscr( );

cout<<"\n\n\n\n\n\n\n\t\t\t1.Management\n\t\t\t2.View comments(latest 5)";

cout<<"\n\t\t\t3.Exit\n\t\t\t";

cin>>b;

 if(b==1)

 {

roomsmanage( );

clrscr( );

goto admin;

 }

 if(b==2)

 {

comments( );

clrscr( );

goto admin;

 }

 if(b==3)

 {

clrscr( );

goto home;

 }
```

```
 }
  else
{
clrscr( );
cout<<"\n\t\t\tIncorrect password\n\t\t\tRedirecting...";
delay(1000);
clrscr( );
goto home;
}
}
if(a==2)
{
cin>>b;
 if(b==1)
 {
filecreate( );
clrscr( );
cout<<"\n\n\n\n\n\n\t\t\tYou have ";
cout<<"Succesfully Signed up\n\t\t\tredirecting...";
delay(1000);
clrscr( );
goto home;
```

```cpp
}
if(b==2)
{
if(login( )==1)
{
clrscr( );
cout<<"\n\n\n\n\n\n\t\t\tWelcome";
delay(1000);
account:
clrscr( );
cout<<"\n\n\n\n\n\n\n\t\t\t1.Rent a Room\n\t\t\t2.Current
Room Details";
cout<<"\n\t\t\t3.Edit your Account\n\t\t\t4.Current Account
Details\n\t\t\t";
cout<<"5.Delete Account\n\t\t\t6.Leave a comment\n\t\t\t7.Log
Out\n\t\t\t";
cin>>a;
if(a==1)
{
rentaroom( );
clrscr( );
goto account;
}
```

```c
if(a==2)

{

roomdisplay( );

clrscr( );

goto account;

}

if(a==3)

{

filemodify( );

getch( );

clrscr( );

goto account;

}

if(a==4)

{

filedisplay( );

getch( );

clrscr( );

goto account;

}

if(a==5)

{
```
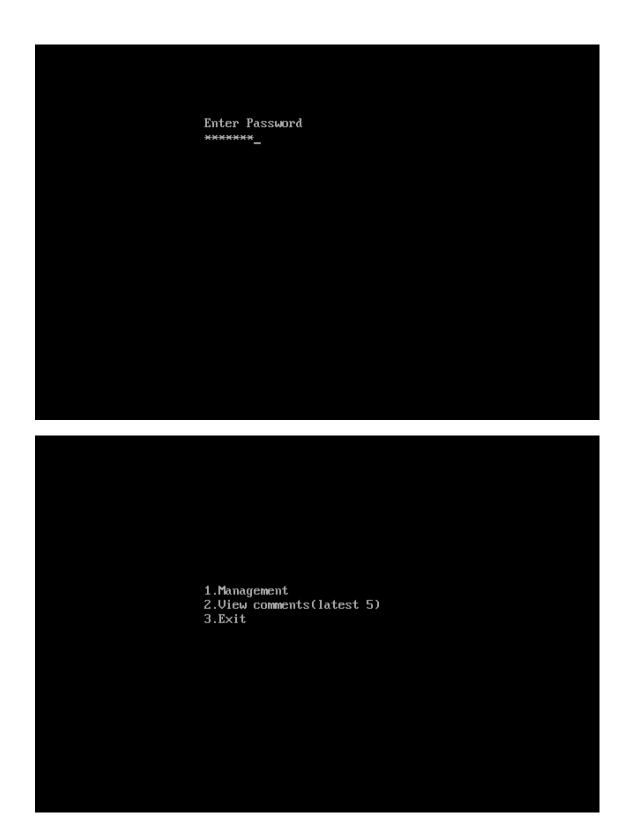
```cpp
filedelete( );

getch( );

clrscr( );

goto home;

}

if(a==6)

{

clrscr( );

gets(rev.comment);

ofstream f("comments.txt",ios::app);

f.write((char*)&rev,sizeof(rev));

f.close( );

goto account;}

if(a==7)

{

clrscr( );

cout<<"\n\n\n\n\n\n\t\t\tlogging out...";

delay(1000);

clrscr( );

goto home;

}

}
```

```
else

{

clrscr( );

cout<<"\n\n\n\n\n\n\t\t\tWrong name or
password\n\t\t\tredirecting...";

delay(1000);

clrscr();

goto home;

}

 }

else

{

clrscr( );

goto home;

}

}

exit:

clrscr( );

cout<<"\n\n\n\n\n\n\n\t\t\tThank you";

delay(1000);

}
```

★★★★★

HOTEL

CASABLANSA

WELCOMES

YOU

1.Administrator
2.Customer
3.About us
4.Exit

```
Enter Password
*******_
```

```
1.Management
2.View comments(latest 5)
3.Exit
```

```
                        53



         Total No: Of Rooms: 10
         No: Of Rooms Occupied: 4
         No: Of Rooms Available: 6
         Total Profit: 0

         For More Information Press 1
         Press 2 to exit
         _
```
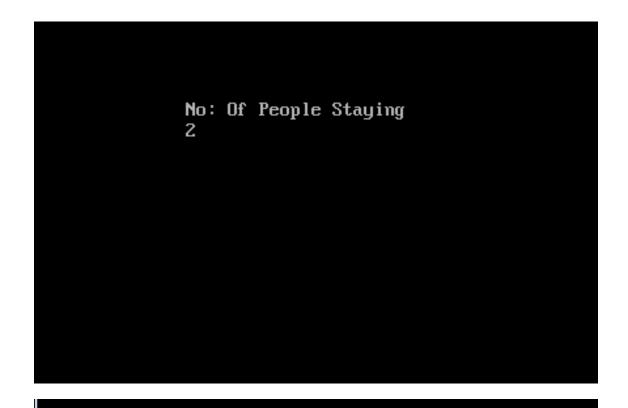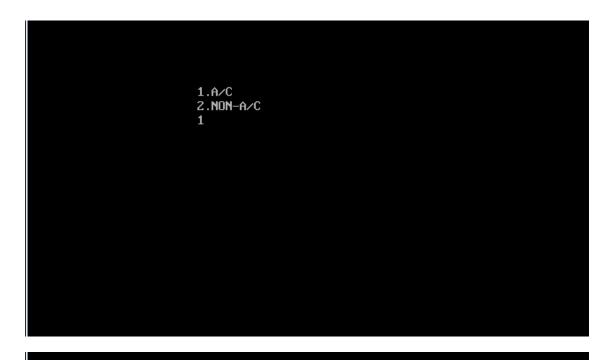
```
            ROOMS:

      1.3BHK    AND    A/C ROOMS: 4
      2.3BHK AND NON A/C ROOMS: 2
      3.2BHK    AND    A/C ROOMS: 2
      4.2BHK AND NON A/C ROOMS: 2_
```
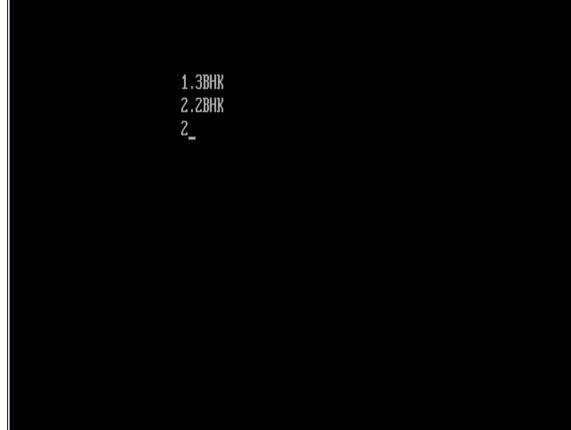
```
1.Sign up
2.Log in
_
```

```
1.Rent a Room
2.Current Room Details
3.Edit your Account
4.Current Account Details
5.Delete Account
6.Leave a comment
7.Log Out
```

```
No: Of People Staying
2
```

```
No: Of Days Staying
5_
```

```
1.A/C
2.NON-A/C
1
```

```
1.3BHK
2.2BHK
2_
```

```
1.Room Service Required
2.Not Required
1_
```

```
The total cost is: 7250
1.Rent
2.Cancel
1
```

```
                              How do you want to pay?
                              1.Net Banking    2.Credit Card
                              1_
```

BILL

PERSONS: 2

DAYS STAYING: 5

ROOM TYPE: A/C

ROOM TYPE: 2BHK

COST: 7250

                                  CASABLANCA

ENTER CHOICE
1.PAY   2.CANCEl

```
Your Room Details:


Room No: D01
1 Persons
NON-A/C
2BHK
No: Of Days Staying :2_
```

HEAVEN ON EARTH..!!!

Enjoy a one-of-a-kind experience, the best service and

facilities on CASABLANSA.The hotel is well known

for its range and comes in its best tradition

combined with modern amentites.It is located in the

heart of the city Mumbai.You can also enjoy the best

services, like high speed WiFi internet,

pleasing ambience and extra-ordinary amenities.

Discover a new world where Anything can happen.

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