#include<iostream>

#include<fstream>

#include<cstdlib>

#include<string>

#include<conio.h>

#include<istream>

using namespace std;

#define MAX\_LENGTH 100

char mainmenu();

void houserentaccount();

char houserentmenu();

class houserent

{

public:

void cust\_detail();

void house\_detail();

void rent\_house();

void login();

void exit();

};

int main()

{

char choice;

houserent login;

while (choice != 'q' || choice != 'Q')

{

choice = mainmenu();

if (choice == 'q' || choice == 'Q'){

cout << "Thanks for USING RENTED HOUSE MANAGEMENT SYSTEM!"; break;}

switch (choice)

{

case 'l':

case 'L':

login.login();

break;

case 'c':

case 'C':

houserentaccount();

break;

case 'v':

case 'V':

cout << "Thank you for using our Future Computer Programmer! \nFor your continued support, we are offering free rent agreement for you first renter" << endl;

default:

cout << "Invalid choice!" << endl;

}

}

return 0;

}

char mainmenu()

{

char choice;

cout<<" WELCOME TO RENTED HOUSE SYSTEM" << endl << endl;

cout << "\*\*\*\* MAIN MENU \*\*\*\* " << endl;

cout << "l -> Login to houserentmenu" << endl;

cout << "v -> View Promotions" << endl;

cout << "q -> Quit the Program" << endl;

cout << "Enter your choice:" << endl;

cin >> choice;

return choice;

}

void houserentaccount()

{

char username[MAX\_LENGTH]={0};

int password;

cout << "Please create a username" << endl;

cin.getline(username,MAX\_LENGTH);

cout << "Please create a password" << endl;

cin >> password;

ofstream houserentaccount;

houserentaccount.open("accounts.txt", ios::app);

houserentaccount << username << " " << password << endl;

houserentaccount.close();

cout << "Account created!" << endl;

}

void houserent:: login()

{

string username;

string password;

cout << "Please create a username" << endl;

cin>>username;

cout << "Please create a password" << endl;

cin >> password;

ofstream savedaccount;

savedaccount.open("accounts.txt", ios::app);

savedaccount << username << " " << password << endl;

savedaccount.close();

cout << "Account created!" << endl;

char choice;

houserent decision;

{

choice = houserentmenu();

if (choice == 'q' || choice =='Q');

switch (choice){

case 'd':

case 'D':

decision.cust\_detail();

break;

case 'w':

case 'W':

decision.house\_detail();

break;

case 'b':

case 'B':

decision.rent\_house();

break;

case 'r':

case 'R':

decision.exit();

break;

default:

cout << "Invalid choice!" << endl;

}

}

}

char houserentmenu()

{

char choice;

cout << "\*\*\* HOUSERENT MENU \*\*\*" << endl << endl;

cout << "d. cust\_detail " << endl;

cout << "w. house\_detail " << endl;

cout << "b. rent\_house" << endl;

cout << "q. Return to Main Menu" << endl;

cout << "Enter your choice:" << endl;

cin >> choice;

return choice;

}

void houserent::cust\_detail()

{

int coustomer\_no;

string name;

string permenent\_addr;

string phone\_no;

string email\_addr;

cout<<"enter cust\_detail"<< endl;

cout<<"enter coustomer no\n:"<< endl;

cin>>coustomer\_no;

cout<<"enter name\n :";

cin>>name;

cout<<"enter permenent addr\n:"<< endl;

cin>>permenent\_addr;

cout<<"enter phone no\n:"<< endl;

cin>>phone\_no;

cout<<"enter email addr\n:"<< endl;

cin>>email\_addr;

if(coustomer\_no >=10)

cout<<"thank you for giving correct detail\n";

}

void houserent::house\_detail()

{

int house\_no;

char house\_name[60];

int no\_of\_room;

char colour[50];

char addr[70];

int no\_of\_floor;

int rent\_cost;

cout<<"please enter your requirements\n"<< endl;

cout<<"enter house no\n:"<< endl;

cin>>house\_no;

cout<<"enter house name\n:"<< endl;

cin>>house\_name;

cout<<"enter no of room\n:"<< endl;

cin>>no\_of\_room;

cout<<"enter colour\n:"<< endl;

cin>>colour;

cout<<"enter addr\n:"<< endl;

cin>>addr;

cout<<"enter no\_of\_floor\n:"<< endl;

cin>>no\_of\_floor;

cout<<"enter the rent\_cost\n:"<< endl;

cin>>rent\_cost;

if(house\_no >=10)

cout<<"thanks for your chooice\n"<< endl;

}

void houserent::rent\_house()

{

int rent;

int total;

int given;

int vacant;

cout<<"total no of house\n:"<< endl;

cin>>total;

cout<<"house given on rent\n:"<< endl;

cin>>given;

cout<<"no of house vacant\n:"<< endl;

cin>>vacant;

if(vacant>=1)

{

cout<<"house are available"<< endl;

}

else

{

cout<<"houses are unavailable"<< endl;

}

}

void houserent::exit()

{

cout<<"thank you for using our program"<< endl;

}