Main.c

#include <stdio.h>

#include "conio2.h"

#include "car.h"

int main()

{

int i;

int ch,choice;

int k;

int done;

int check\_emp=0;

int flag=0;

addAdmin();

User \*usr;

clrscr();

gotoxy(47,13);

textcolor(YELLOW);

printf("WELCOME TO CAR RENTAL SYSTEM");

gotoxy(42,16);

textcolor(GREEN);

printf("\* RENT A CAR AND GO WHEREVER YOU NEED \*");

getch();

while(1)

{

clrscr();

textcolor(RED);

gotoxy(54,2);

printf("CAR RENTAL SYSTEM");

textcolor(YELLOW);

gotoxy(1,10);

for(i=1;i<=120;i++)

printf("\*");

gotoxy(1,20);

for(i=1;i<=120;i++)

printf("\*");

textcolor(YELLOW);

gotoxy(54,12);

printf("1. ADMIN");

gotoxy(54,14);

printf("2. EMPLOYEE");

gotoxy(54,16);

printf("3. QUIT");

gotoxy(54,18);

textcolor(WHITE);

printf("SELECT YOUR ROLE: ");

do{

scanf("%d",&ch);

if(ch==1)///ADMIN

{

do{

usr=getInput();

flag=0;

if(usr!=NULL)

{

k=checkUserExist(\*usr,"admin");

}

else

{

flag=1;

break;

}

}while(k==0);

if(k==-1 || flag==1)

{

break;

}

if(k==1)//ADMIN MENU

{

while(1)

{

clrscr();

choice=adminMenu();

if(choice==7)

break;

switch(choice)

{

case 1:

clrscr();

addEmployee();

break;

case 2:

clrscr();

addCarDetails();

break;

case 3:

clrscr();

viewEmployee();

break;

case 4:

clrscr();

showCarDetails();

break;

case 5:

clrscr();

done=deleteEmp();

if(done==1)

{

textcolor(LIGHTGREEN);

gotoxy(40,17);

printf("EMPLOYE RECORD DELETED, PRESS ANY KEY TO CONTINUE...");

}

else{

textcolor(LIGHTRED);

gotoxy(40,17);

printf("NO SUCH EMPLOYEE PRESENT, PRESS ANY KEY TO CONTINUE...");

}

getch();

break;

case 6:

clrscr();

done=deleteCarModel();

if(done==1)

{

textcolor(LIGHTGREEN);

gotoxy(40,17);

printf("CAR MODEL DELETED, PRESS ANY KEY TO CONTINUE...");

}

else{

textcolor(LIGHTRED);

gotoxy(40,17);

printf("NO SUCH CAR ID PRESENT, PRESS ANY KEY TO CONTINUE...");

}

getch();

break;

default:

textcolor(RED);

gotoxy(54,20);

printf("INVALID CHOICE !");

getch();

}

}

}

}

else if(ch==2)///EMPLOYEE

{

do{

FILE \*fp=fopen("emp.bin","rb");

check\_emp=0;

if(fp==NULL)

{

gotoxy(54,22);

textcolor(RED);

printf("FIRST ADD EMPLOYEE'S FROM ADMIN's MENU !!");

getch();

check\_emp=1;

break;

}

usr=getInput();

flag=0;

if(usr!=NULL)

{

k=checkUserExist(\*usr,"emp");

}

else

{

flag=1;

break;

}

}while(k==0);

if(k==-1 || flag==1 || check\_emp==1)

{

break;

}

while(1)

{

clrscr();

choice=empMenu();

if(choice==5)

break;

switch(choice)

{

case 1:

clrscr();

int res;

res=rentCar();

if(res==-2)

{

gotoxy(50,15);

textcolor(LIGHTCYAN);

printf("SORRY ALL CAR's ARE BOOKED");

getch();

}

else if(res==0)

{

clrscr();

gotoxy(46,15);

textcolor(LIGHTRED);

printf("# YOU DID NOT CHOOSE ANY CAR #");

getch();

}

break;

case 2:

clrscr();

bookedCarDetails();

break;

case 3:

clrscr();

availCarDetails();

break;

case 4:

clrscr();

showCarDetails();

break;

case 5:

clrscr();

getch();

break;

default:

textcolor(RED);

gotoxy(54,20);

printf("INVALID CHOICE !");

getch();

}

}

}

else if(ch==3)///EXIT

{

clrscr();

textcolor(GREEN);

gotoxy(45,15);

printf("THANK YOU FOR USING OUR APP !!");

getch();

return 0;

}

else///INVALID USER

{

gotoxy(54,22);

textcolor(RED);

printf("INVALID USER TYPE !!");

getch();

gotoxy(54,22);

printf("\t\t\t\t");

gotoxy(72,18);

printf("\t\t");

gotoxy(72,18);

}

if(choice==7 || choice==5)

break;

}while(1);

}

carReturn();

getch();

return 0;

}