**PROJECT OVERVIEW:**

Life aid online appointment portal is a simple C language program that helps to make appointments over internet.The program provides users an easy access to the finest doctors and their services.Moreover users can provide a suitable date for their appointment.The user interface is very comfortable ensuring people of all ages to easily use the program to make a quick appointment with the best doctors in town.

FEATURES:

* The program takes patients information.
* Provides easy access to doctors information
* Enables users to book appointments according to their time and day.
* Easy cancellation of appointments
* Displays hospital Information (address, telephone number etc).

FUNCTIONS CREATED:

* void dd() To input date.
* void createaccount () To allow user input their information.
* void maledoctorsinfo() Provides list of doctors avaible in weekdays.
* void femaledoctorsinfo() Provides list of doctors avaible in weekends.
* void book() To book appointment.
* void user() Dsplay users info and appointment details.
* void ginfo() Display general informations of the hospital.
* void erase() Deletes appointment

FILES USED:

* doctorsinfo.txt
* fdoctorsinfo.txt
* geninfo.txt
* inforegister.txt
* mdocbone.txt
* mdocbrain.txt
* mdocchild.txt
* mdocheart.txt
* mdocmental.txt
* mdocskin.txt
* ndocbone.txt
* ndocbrain.txt
* ndocchild.txt
* ndocheart.txt
* ndocmental.txt
* ndocskin.txt

**BRIEF DESCRIPTION OF THE PROJECT:**

After entering the program there are 7 options to choose from,but at first enter 1 to provide users information, afterwards a heath issue list pops up.Enter the number of the specific health issue.Now the user can choose if they prefer weekend or weekday for the appointment <by pressing 6 or 5>.

A date from the user will be asked and then click 1 to verify the appointment. Enter 0 to return to the main screen.

In the main window user can make additional appointments,can cancel their appointment and see all the available doctors timings and contact information.

**CODE:**

#include<stdio.h>

#include<string.h>

#include<stdlib.h>

//\*\*\*\*patients info is saved in inforegister text file\*\*\*\*

struct login

{

char Patient\_name[20];

int age;

char gender[2];

char phone\_number[30];

char address[100];

};

struct doctors

{

char doctorsname[50];

char gender[50];

char info[50];

char specialization[50];

char contact[50];

char workingday[50];

char hours[50];

};

typedef struct doctors d;

struct daydate

{

char date[50];

};

typedef struct daydate a;

void dd()

{

char ch[50];

printf("Enter file name (PHONE NUMBER) with (.txt) Extension");

scanf("%s",&ch);

a daydate;

FILE \*f;

f=fopen(ch,"a");

if(f==NULL)

{

printf("ENTER CORRECT FILE NAME\n");

dd();

}

else

{

printf("enter the day of appointment in (dd/mm/yyyy) format\n");

scanf("%s",&daydate.date);

fflush(stdin);

printf(" date of appointment\n:%s",daydate.date);

fprintf(f," Date of appointment:%s\n",daydate.date);

}

fclose(f);

}

void createaccount()

{

FILE \*f;

char filename[50];

printf("Enter a file name (must include (.txt) Extension\n");

scanf("%s",&filename);

f=fopen(filename,"w");

struct login a;

printf("Enter patient name\n");

fflush(stdin);

gets(a.Patient\_name);

printf("Enter age\n");

scanf("%d",&a.age);

printf("Enter gender m/f/o\n");

fflush(stdin);

gets(a.gender);

printf("Enter phone number (MAKE SURE IT'S VALID AND CORRECT)\n");

fflush(stdin);

gets(a.phone\_number);

printf("Enter patients address\n");

fflush(stdin);

gets(a.address);

fprintf(f,"patient name:%s\npatients age:%d\npatients gender:%s\nphone number:%s\naddress:%s\n",a.Patient\_name,a.age,a.gender,a.phone\_number,a.address);

fclose(f);

printf("press enter\n");

getch();

}

void maledoctorsinfo()

{

d doctor[6];

int i;

FILE \*f;

f=fopen("doctorsinfo.txt","r");

if(f==NULL)

{

printf("no informations present\n");

}

else

{

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

{

fgets(doctor[i].doctorsname,50,f);

fgets(doctor[i].gender,50,f);

fgets(doctor[i].info,50,f);

fgets(doctor[i].specialization,50,f);

fgets(doctor[i].contact,50,f);

fgets(doctor[i].workingday,50,f);

fgets(doctor[i].hours,50,f);

}

fclose(f);

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

{

printf("%s\n",doctor[i].doctorsname);

printf("%s\n",doctor[i].gender);

printf("%s\n",doctor[i].info);

printf("%s\n",doctor[i].specialization);

printf("%s\n",doctor[i].contact);

printf("%s\n",doctor[i].workingday);

printf("%s\n",doctor[i].hours);

}

}

}

void femaledoctorsinfo()

{

d fdoctor[6];

int i;

FILE \*f;

f=fopen("fdoctorsinfo.txt","r");

if(f==NULL)

{

printf("no informations present\n");

}

else

{

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

{

fgets(fdoctor[i].doctorsname,50,f);

fgets(fdoctor[i].gender,50,f);

fgets(fdoctor[i].info,50,f);

fgets(fdoctor[i].specialization,50,f);

fgets(fdoctor[i].contact,50,f);

fgets(fdoctor[i].workingday,50,f);

fgets(fdoctor[i].hours,50,f);

}

fclose(f);

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

{

printf("%s\n",fdoctor[i].doctorsname);

printf("%s\n",fdoctor[i].gender);

printf("%s\n",fdoctor[i].info);

printf("%s\n",fdoctor[i].specialization);

printf("%s\n",fdoctor[i].contact);

printf("%s\n",fdoctor[i].workingday);

printf("%s\n",fdoctor[i].hours);

}

}

}

void book()

{

FILE \*x;

char fil[50];

printf("Enter the file name you used to create profile(PHONE NUMBER) with (.txt) Extension\n");

scanf("%s",&fil);

x=fopen(fil,"r");

if(x==NULL)

{

printf("No information found,ENTER THE CORRECT FILE NAME AGAIN\n");

book();

}

else

{

int i,q,w,p,num;

char ch;

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

printf(" \n");

printf("ENTER THE THE NUMBERS IN () TO PROCEED\n");

printf(" \n");

printf(" \n");

printf(" Enter 1 for issues related to heart\n");

printf(" Enter 2 for issues related to brain\n");

printf(" Enter 3 for child specialist\n");

printf(" Enter 4 for issues related to bones & joint\n");

printf(" Enter 5 for issues related to skin\n");

printf(" Enter 6 for issues related to mental health\n");

printf("\*\*\*\*Enter the numbers in () to proceed\*\*\*\*\n");

scanf("%d",&q);

if(q==1)

{

printf("Do you prefer Weekday morning Or Weekend Evening\n");

printf("Enter (5) for Weekday Morning and (6) for Weekend Afternoon\n");

scanf("%d",&w);

if(w==5)

{

FILE \*n,\*m;

n=fopen("mdocheart.txt","r");

m=fopen(fil,"a");

if(n==NULL||m==NULL)

{

printf("nothing here\n");

exit(0);

}

ch=fgetc(n);

while(ch!=EOF)

{

fputc(ch,m);

ch=fgetc(n);

}

fclose(n);

fclose(m);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("\nT H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else if(w==6)

{

FILE \*n,\*m;

n=fopen("ndocheart.txt","r");

m=fopen(fil,"a");

if(n==NULL||m==NULL)

{

printf("nothing here\n");

}

ch=fgetc(n);

while(ch!=EOF)

{

fputc(ch,m);

ch=fgetc(n);

}

fclose(n);

fclose(m);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("T H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else

{

printf("invalid input\n");

book();

}

}

//222

else if(q==2)

{

printf("Do you prefer Weekday morning Or Weekend Evening\n");

printf("Enter (5) for Weekday Morning and (6) for Weekend Afternoon\n");

scanf("%d",&w);

if(w==5)

{

FILE \*e,\*r;

e=fopen("mdocbrain.txt","r");

r=fopen(fil,"a");

if(e==NULL||r==NULL)

{

printf("nothing here\n");

exit(0);

}

ch=fgetc(e);

while(ch!=EOF)

{

fputc(ch,r);

ch=fgetc(e);

}

fclose(e);

fclose(r);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("T H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else if(w==6)

{

FILE \*e,\*r;

e=fopen("ndocbrain.txt","r");

r=fopen(fil,"a");

if(e==NULL||r==NULL)

{

printf("nothing here\n");

}

ch=fgetc(e);

while(ch!=EOF)

{

fputc(ch,r);

ch=fgetc(e);

}

fclose(e);

fclose(r);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("T H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else

{

printf("invalid input\n");

book();

}

}

//333

else if(q==3)

{

printf("Do you prefer Weekday morning Or Weekend Evening\n");

printf("Enter (5) for Weekday Morning and (6) for Weekend Afternoon\n");

scanf("%d",&w);

if(w==5)

{

FILE \*e,\*r;

e=fopen("mdocchild.txt","r");

r=fopen(fil,"a");

if(e==NULL||r==NULL)

{

printf("nothing here\n");

exit(0);

}

ch=fgetc(e);

while(ch!=EOF)

{

fputc(ch,r);

ch=fgetc(e);

}

fclose(e);

fclose(r);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("T H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else if(w==6)

{

FILE \*e,\*r;

e=fopen("ndocchild.txt","r");

r=fopen(fil,"a");

if(e==NULL||r==NULL)

{

printf("nothing here\n");

}

ch=fgetc(e);

while(ch!=EOF)

{

fputc(ch,r);

ch=fgetc(e);

}

fclose(e);

fclose(r);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("T H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else

{

printf("invalid input\n");

book();

}

}

//444

else if(q==4)

{

printf("Do you prefer Weekday morning Or Weekend Evening\n");

printf("Enter (5) for Weekday Morning and (6) for Weekend Afternoon\n");

scanf("%d",&w);

if(w==5)

{

FILE \*e,\*r;

e=fopen("mdocbone.txt","r");

r=fopen(fil,"a");

if(e==NULL||r==NULL)

{

printf("nothing here\n");

exit(0);

}

ch=fgetc(e);

while(ch!=EOF)

{

fputc(ch,r);

ch=fgetc(e);

}

fclose(e);

fclose(r);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("T H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else if(w==6)

{

FILE \*e,\*r;

e=fopen("ndocbone.txt","r");

r=fopen(fil,"a");

if(e==NULL||r==NULL)

{

printf("nothing here\n");

}

ch=fgetc(e);

while(ch!=EOF)

{

fputc(ch,r);

ch=fgetc(e);

}

fclose(e);

fclose(r);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("T H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else

{

printf("invalid input\n");

book();

}

}

//555

else if(q==5)

{

printf("Do you prefer Weekday morning Or Weekend Evening\n");

printf("Enter (5) for Weekday Morning and (6) for Weekend Afternoon\n");

scanf("%d",&w);

if(w==5)

{

FILE \*e,\*r;

e=fopen("mdocskin.txt","r");

r=fopen(fil,"a");

if(e==NULL||r==NULL)

{

printf("nothing here\n");

exit(0);

}

ch=fgetc(e);

while(ch!=EOF)

{

fputc(ch,r);

ch=fgetc(e);

}

fclose(e);

fclose(r);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("T H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else if(w==6)

{

FILE \*e,\*r;

e=fopen("ndocskin.txt","r");

r=fopen(fil,"a");

if(e==NULL||r==NULL)

{

printf("nothing here\n");

}

ch=fgetc(e);

while(ch!=EOF)

{

fputc(ch,r);

ch=fgetc(e);

}

fclose(e);

fclose(r);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("T H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else

{

printf("invalid input\n");

book();

}

}

//666

else if(q==6)

{

printf("Do you prefer Weekday morning Or Weekend Evening\n");

printf("Enter (5) for Weekday Morning and (6) for Weekend Afternoon\n");

scanf("%d",&w);

if(w==5)

{

FILE \*e,\*r;

e=fopen("mdocmental.txt","r");

r=fopen(fil,"a");

if(e==NULL||r==NULL)

{

printf("nothing here\n");

exit(0);

}

ch=fgetc(e);

while(ch!=EOF)

{

fputc(ch,r);

ch=fgetc(e);

}

fclose(e);

fclose(r);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("T H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else if(w==6)

{

FILE \*e,\*r;

e=fopen("ndocmental.txt","r");

r=fopen(fil,"a");

if(e==NULL||r==NULL)

{

printf("nothing here\n");

}

ch=fgetc(e);

while(ch!=EOF)

{

fputc(ch,r);

ch=fgetc(e);

}

fclose(e);

fclose(r);

printf(" \n");

system("CLS");

dd();

system("CLS");

printf("T H E A P P O I N M E N T I S D O N E\n");

printf(" \n");

printf("enter (1) to see your profile for verification\n");

scanf("%d",&p);

if(p==1)

{

user();

printf("\*Do arrive 15 mins early to collect serial number\*\n");

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

}

else

{

printf("invalid input\n");

book();

}

}

else

{

system("CLS");

printf("invalid input PLEASE proceed again\n");

book();

}

//\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

}

}

void user()

{

char c;

char ch[50];

printf("Enter the same same file name used before with (.txt) Extension\n");

printf("File name has to be the phone number with (.txt) extension");

scanf("%s",&ch);

FILE \*f;

f=fopen(ch,"r");

if(f==NULL)

{

printf("No information found\n");

printf("Please enter the correct file name AGAIN\n");

user();

}

else

{

c=getc(f);

while(c!=EOF)

{

printf("%c",c);

c=getc(f);

}

fclose(f);

}

}

void erase()

{

char ch[50];

printf("Enter the same same file name(PHONE NUMBER) with (.txt) Extension\n");

scanf("%s",&ch);

FILE \*r;

r=fopen(ch,"w");

if(r==NULL)

{

printf("no information found<Enter valid information\n");

}

else

{

printf("\n");

printf("A P P O I N M E N T & P R O F I L E E R A S E D");

printf(" \n");

printf(" \n");

}

fclose(r);

}

void ginfo()

{

FILE \*s;

char ch;

s=fopen("geninfo.txt","r");

ch=getc(s);

while(ch!=EOF)

{

printf("%c",ch);

ch=getc(s);

}

fclose(s);

}

void main()

{

int num;

printf("\*\*\*\*\* W E L C O M E T O L I F E A I D H O S P I T A L A P P O I N T M E N T P O R T A L\*\*\*\*\*\n");

printf(" \n");

printf(" \*\*\*\*READ THE INSTRUCTIONS CAREFULLY\*\*\*\* \n");

printf("------------------------------------------------------------------------------------------------------------------------\n");

printf("| PLEASE NAME THE FILE USING PHONE NUMBER and Please donot name the file using patient name |\n| Using patients name may cause overlap of information |\n| WRITE THE FILE NAME EACH TIME CORRECTLY |\n| FILE NAME IS ASKED MULTIPLE TIMES FOR STRONG VERIFICATION OF PATIENTS |\n");

printf("........................................................................................................................\n");

printf(" \n");

printf(" ENTER THE FOLLOWING NUMBERS IN () TO OPERATE: \n");

printf(" ------------------------------------------------------------------------------------\n");

printf(" | Enter (1) to make a FILE (PATIENT DETAILS) |\n");

printf(" | Enter (2) to view DOCTORS INFORMATION (Doctors available in Weekdays) |\n");

printf(" | Enter (3) to view DOCTORS INFORMATION (Doctors available in Weekends) |\n");

printf(" | Enter (4) to MAKE an ADDITIONAL APPOINTMENT |\n");

printf(" | Enter (5) to view USER PROFILE |\n");

printf(" | Enter (6) to Delete APOOINTMENT |\n");

printf(" | Enter (7) to view GENERAL INFORMATION |\n");

printf(" -----------------------------------------------------------------------------------|\n");

scanf("%d",&num);

if(num==1)

{

system("CLS");

createaccount();

system("CLS");

book();

}

else if(num==2)

{

system("CLS");

maledoctorsinfo();

printf(" \n");

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

else if(num==3)

{

system("CLS");

femaledoctorsinfo();

printf(" \n");

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

else if(num==4)

{

system("CLS");

book();

}

else if(num==5)

{

system("CLS");

user();

printf("\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\n");

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

else if(num==6)

{

erase();

printf(" \n");

main();

}

else if(num==7)

{

system("CLS");

ginfo();

printf(" \n");

printf(" \n");

printf("Press (0) to return to home page\n");

scanf("%d",&num);

if(num==0)

{

system("CLS");

main();

}

}

else

{

system("CLS");

printf("\*\*\*\*\*Invalid input\*\*\*\*\*\n");

printf("PLEASE FOLLOW THE INSTRUCTIONS\n");

printf(" \n");

printf(" \n");

main();

}

}