//OOP Project

#include <iostream>

#include <string>

#include <fstream>

#include <windows.h>

using namespace std;

string ch\_us, ch\_pas, ch\_doc, ch\_did, ch\_ps; int ch\_id;

bool ispatient;

bool isadmin;

bool isdoc;

class Doctor {

public:

void Doc\_Login()

{

string ds, pss, gen, ag, dep, d\_id;

int n;

ifstream read;

cout << "Welcome to Login Info" << endl;

cout << "Enter Your Name Dr :"; cin >> ch\_doc;

cout << "Enter your password :"; cin >> ch\_ps;

cout << "Enter your Department :\n"

"1. Dental\n"

"2. Accident & Emergency\n"

"3. Orthopaedics\n"

"4. Psychiatry\n"

"5. Physiotherapy\n"

"-->"; cin >> ch\_did;

if (ch\_did == "Dental")

{

n = 1;

}

else if (ch\_did == "Accident & Emergency")

{

n = 2;

}

else if (ch\_did == "Orthopaedics")

{

n = 3;

}

else if (ch\_did == "Psychiatry")

{

n = 4;

}

else if (ch\_did == "Physiotherapy")

{

n = 5;

}

else

{

cout << "Invalid Department";

}

switch (n)

{

case 1:

{

read.open("Dental.txt");

while (!read.eof())

{

read >> ds;

read >> pss;

read >> gen;

read >> ag;

read >> dep;

read >> d\_id;

if (ch\_us == ds && ch\_pas == pss && ch\_did == d\_id)

{

isdoc = true;

break;

}

else

{

cout << "Wrong Input" << endl;

isdoc = false;

}

}

if (isdoc)

{

cout << "You have been sucessfully logged in!" << endl;

}

else

{

cout << "Wrong Input" << endl;

}

read.close();

}break;

case 2:

{

read.open("Accident&Emergency.txt");

while (!read.eof())

{

read >> ds;

read >> pss;

read >> gen;

read >> ag;

read >> dep;

read >> d\_id;

if (ch\_us == ds && ch\_pas == pss && ch\_did == d\_id)

{

isdoc = true;

break;

}

else

{

cout << "Wrong Input" << endl;

isdoc = false;

}

}

if (isdoc)

{

cout << "You been have sucessfully logged in!" << endl;

}

else

{

cout << "Wrong Input" << endl;

}

read.close();

}break;

case 3:

{

read.open("Orthopaedics.txt");

while (!read.eof())

{

read >> ds;

read >> pss;

read >> gen;

read >> ag;

read >> dep;

read >> d\_id;

if (ch\_us == ds && ch\_pas == pss && ch\_did == d\_id)

{

isdoc = true;

break;

}

else

{

cout << "Wrong Input" << endl;

isdoc = false;

}

}

if (isdoc)

{

cout << "You have been sucessfully logged in!" << endl;

}

else

{

cout << "Wrong Input" << endl;

}

read.close();

}break;

case 4:

{

read.open("Psychiatry.txt");

while (!read.eof())

{

read >> ds;

read >> pss;

read >> gen;

read >> ag;

read >> dep;

read >> d\_id;

if (ch\_us == ds && ch\_pas == pss && ch\_did == d\_id)

{

isdoc = true;

break;

}

else

{

cout << "Wrong Input" << endl;

isdoc = false;

}

}

if (isdoc)

{

cout << "You have been sucessfully logged in!" << endl;

}

else

{

cout << "Wrong Input" << endl;

}

read.close();

}break;

case 5:

{

read.open("Physiotherapy.txt");

while (!read.eof())

{

read >> ds;

read >> pss;

read >> gen;

read >> ag;

read >> dep;

read >> d\_id;

if (ch\_us == ds && ch\_pas == pss && ch\_did == d\_id)

{

isdoc = true;

break;

}

else

{

cout << "Wrong Input" << endl;

isdoc = false;

}

}

if (isdoc)

{

cout << "You have been sucessfully logged in!" << endl;

}

else

{

cout << "Wrong Input" << endl;

}

read.close();

}break;

default:

{

cout << "Invalid option.";

}

break;

}

}

void view\_doctor\_appointment()

{

int departmentno;

cout << "Enter The Department Of Which Doctor Whose Appointment You Want To Check :\n";

cout << "Press 1. Dental\n"

"Press 2. Accident & Emergency\n"

"Press 3. Orthopaedics\n"

"Press 4. Psychiatry\n"

"Press 5. Physiotherapy\n";

cout << "-> ";

cin >> departmentno;

switch (departmentno)

{

case 1:

{

string doc1, doc2; int Named;

ifstream read;

read.open("Dental.txt");

cout << "Doctor(s) Availabe :" << endl;

while (!read.eof()) {

if (doc1 == "\0" && doc2 == "\0") {

cout << "No Doctor Now. \n";

break;

}

read >> doc1;

read >> doc2;

cout << endl;

}

cout << "Press 1 to check the Appointment of Doctor 1\n And 2 to check the Appointment of 2 Doctor"; cin >> Named;

string username, password, Gender; int Age, Time;

if (Named == 1)

{

read.open(doc1 + "txt");

}

else

{

read.open(doc2 + "txt");

}

cout << "Checking the Appointment with Patients :";

read >> username;

read >> Gender;

read >> Age;

read >> Time;

read.close();

}

case 2:

{

string doc1, doc2; int Named;

ifstream read;

read.open("Accident&Emergency.txt");

cout << "Doctor(s) Availabe :" << endl;

while (!read.eof()) {

if (doc1 == "\0" && doc2 == "\0") {

cout << "No Doctor Now. \n";

break;

}

read >> doc1;

read >> doc2;

cout << endl;

}

cout << "Press 1 to check the Appointment of Doctor 1\n And 2 to check the Appointment of 2 Doctor"; cin >> Named;

string username, password, Gender; int Age, Time;

if (Named == 1)

{

read.open(doc1 + "txt");

}

else

{

read.open(doc2 + "txt");

}

cout << "Checking the Appointment with Patients :";

read >> username;

read >> Gender;

read >> Age;

read >> Time;

read.close();

}

case 3:

{

string doc1, doc2; int Named;

ifstream read;

read.open("Orthopaedics.txt");

cout << "Doctor(s) Availabe :" << endl;

while (!read.eof()) {

if (doc1 == "\0" && doc2 == "\0") {

cout << "No Doctor Now. \n";

break;

}

read >> doc1;

read >> doc2;

cout << endl;

}

cout << "Press 1 to check the Appointment of Doctor 1\n And 2 to check the Appointment of 2 Doctor"; cin >> Named;

string username, password, Gender; int Age, Time;

if (Named == 1)

{

read.open(doc1 + "txt");

}

else

{

read.open(doc2 + "txt");

}

cout << "Checking the Appointment with Patients :";

read >> username;

read >> Gender;

read >> Age;

read >> Time;

read.close();

}

case 4:

{

string doc1, doc2; int Named;

ifstream read;

read.open("Psychiatry.txt");

cout << "Doctor(s) Availabe :" << endl;

while (!read.eof()) {

if (doc1 == "\0" && doc2 == "\0") {

cout << "No Doctor Now. \n";

break;

}

read >> doc1;

read >> doc2;

cout << endl;

}

cout << "Press 1 to check the Appointment of Doctor 1\n And 2 to check the Appointment of 2 Doctor"; cin >> Named;

string username, password, Gender; int Age, Time;

if (Named == 1)

{

read.open(doc1 + "txt");

}

else

{

read.open(doc2 + "txt");

}

cout << "Checking the Appointment with Patients :";

read >> username;

read >> Gender;

read >> Age;

read >> Time;

read.close();

}

case 5:

{

string doc1, doc2; int Named;

ifstream read;

read.open("Physiotherapy.txt");

cout << "Doctor(s) Availabe :" << endl;

while (!read.eof()) {

if (doc1 == "\0" && doc2 == "\0") {

cout << "No Doctor Now. \n";

break;

}

read >> doc1;

read >> doc2;

cout << endl;

}

cout << "Press 1 to check the Appointment of Doctor 1\n And 2 to check the Appointment of 2 Doctor"; cin >> Named;

string username, password, Gender; int Age, Time;

if (Named == 1)

{

read.open(doc1 + "txt");

}

else

{

read.open(doc2 + "txt");

}

cout << "Checking the Appointment with Patients :";

read >> username;

read >> Gender;

read >> Age;

read >> Time;

read.close();

}

default:

{

cout << "Invalid option.";

}

}

}

};

class Patient {

public:

void Paitient\_Login()

{

string us, ps, ge, dep; int id, ag;

ifstream read;

read.open("Patient.txt");

cout << "Welcome to Login Info :" << endl;

cout << "Enter Your Name :"; cin >> ch\_us;

cout << "Enter your password :"; cin >> ch\_pas;

cout << "Enter your patient ID :"; cin >> ch\_id;

while (!read.eof())

{

read >> us;

read >> ps;

read >> ge;

read >> ag;

read >> dep;

read >> id;

if (ch\_us == us && ch\_pas == ps && ch\_id == id)

{

ispatient = true;

break;

}

else

{

ispatient = false;

}

}

if (ispatient)

{

cout << "You Have Been Sucessfully Logged In!" << endl;

}

else

{

cout << "Wrong Input" << endl;

}

read.close();

}

};

class Admnistration : public Doctor, public Patient

{

public:

void Adminstration\_Login()

{

string adm = "adminadmin";

string pass = "1234";

string adm\_us, adm\_ps;

cout << "\t\tWelcome to login Info" << endl;

cout << "Enter Username :"; cin >> adm\_us;

cout << "Enter Your password :"; cin >> adm\_ps;

if (adm\_us == adm && adm\_ps == pass)

{

cout << "You Have Been Logged in Sucessfully!" << endl;

isadmin = true;

}

else

{

cout << "Incorect Username or Password";

isadmin = false;

}

}

void Add\_Doctor()

{

string username, password, Gender, Department, D\_id;

int age;

int departmentno;

cout << "Note: Add Only Two Doctors Of Each Department\n";

cout << "Enter The Department of which doctor you want to add:\n";

cout << "Press 1. Dental\n"

"Press 2. Accident & Emergency\n"

"Press 3. Orthopaedics\n"

"Press 4. Psychiatry\n"

"Press 5. Physiotherapy\n";

cout << "-> ";

cin >> departmentno;

switch (departmentno)

{

case 1:

{

cout << "Add Doctor Info\n";

cout << "Enter His Name :";

cin >> username;

cout << "Enter His Password :";

cin >> password;

cout << "Enter His Gender :";

cin >> Gender;

cout << "Enter His Age :";

cin >> age;

ofstream create;

create.open("Dental.txt", ios::app);

create << username << " ";

create << password << " ";

create << Gender << " ";

create << age << " ";

create << Department << endl;

create.close();

}break;

case 2:

{

cout << "Add Doctor Info\n";

cout << "Enter His Name :";

cin >> username;

cout << "Enter His Password :";

cin >> password;

cout << "Enter His Gender :";

cin >> Gender;

cout << "Enter His Age :";

cin >> age;

ofstream create;

create.open("Accident&Emergency.txt", ios::app);

create << username << " ";

create << password << " ";

create << Gender << " ";

create << age << " ";

create << Department << endl;

create.close();

}break;

case 3:

{

cout << "Add Doctor Info\n";

cout << "Enter His Name :";

cin >> username;

cout << "Enter His Password :";

cin >> password;

cout << "Enter His Gender :";

cin >> Gender;

cout << "Enter His Age :";

cin >> age;

ofstream create;

create.open("Orthopaedics.txt", ios::app);

create << username << " ";

create << password << " ";

create << Gender << " ";

create << age << " ";

create << Department << endl;

create.close();

}break;

case 4:

{

cout << "Add Doctor Info\n";

cout << "Enter His Name :";

cin >> username;

cout << "Enter His Password :";

cin >> password;

cout << "Enter His Gender :";

cin >> Gender;

cout << "Enter His Age :";

cin >> age;

ofstream create;

create.open("Psychiatry.txt", ios::app);

create << username << " ";

create << password << " ";

create << Gender << " ";

create << age << " ";

create << Department << endl;

create.close();

}break;

case 5:

{

cout << "Add Doctor Info\n";

cout << "Enter His Name :";

cin >> username;

cout << "Enter His Password :";

cin >> password;

cout << "Enter His Gender :";

cin >> Gender;

cout << "Enter His Age :";

cin >> age;

ofstream create;

create.open("Physiotherapy.txt", ios::app);

create << username << " ";

create << password << " ";

create << Gender << " ";

create << age << " ";

create << Department << endl;

create.close();

}break;

default:

{

cout << "Invalid option.";

}break;

}

}

void Add\_patient()

{

string username, password, Gender, patientoff;

int ID, Age;

cout << "Adding patient Info\n";

cout << "Enter Your Name :"; cin >> username;

cout << "Enter Your Password :"; cin >> password;

cout << "Enter Your Gender :"; cin >> Gender;

cout << "Enter Your Age :"; cin >> Age;

cout << "You want to concern the doctor of which Department :";

cout << "1. Dental\n"

"2. Accident & Emergency\n"

"3. Orthopaedics\n"

"4. Psychiatry,\n"

"5. Physiotherapy\n";

cout << "-> ";

cin >> patientoff;

ID = (rand() % 1000) + 1;

cout << "Your Patient ID is = " << ID << endl;

ofstream create;

create.open("Patient.txt", ios::app);

create << username << " ";

create << password << " ";

create << Gender << " ";

create << Age << " ";

create << ID << " ";

create << patientoff << endl;

create.close();

}

void Add\_Appointment()

{

int departmentno;

cout << "Enter The Department of which doctor you want to Make an appointment:\n";

cout << "Press 1. Dental\n"

"Press 2. Accident & Emergency\n"

"Press 3. Orthopaedics\n"

"Press 4. Psychiatry\n"

"Press 5. Physiotherapy\n";

cout << "-> ";

cin >> departmentno;

switch (departmentno) {

case 1: {

string doc1, doc2; int Named;

ifstream read;

read.open("Dental.txt");

cout << "Doctor(s) Availabe :" << endl;

while (!read.eof()) {

if (doc1 == "\0" && doc2 == "\0") {

cout << "No Doctor Availabe Now. \n";

break;

}

read >> doc1;

read >> doc2;

cout << endl;

}

cout << "Press 1 to make the Appointment with Doctor 1\n And 2 to make Appointment with Doctor 2"; cin >> Named;

string username, password, Gender; int Age, Time;

ofstream create;

if (Named == 1)

{

create.open(doc1 + "txt");

}

else

{

create.open(doc2 + "txt");

}

cout << "Enter Patient Detail and Time\n";

cout << "Adding patient Info\n";

cout << "Enter His Name :"; cin >> username;

cout << "Enter His Gender :"; cin >> Gender;

cout << "Enter His Age :"; cin >> Age;

cout << "Enter the Time :"; cin >> Time;

create << username << " ";

create << Gender << " ";

create << Age << " ";

create << Time << endl;

create.close();

}break;

case 2: {

string doc1, doc2; int Named;

ifstream read;

read.open("Accident&Emergency.txt");

cout << "Doctor(s) Availabe :" << endl;

while (!read.eof()) {

if (doc1 == "\0" && doc2 == "\0") {

cout << "No Doctor Availabe Now. \n";

break;

}

read >> doc1;

read >> doc2;

cout << endl;

}

cout << "Press 1 to make the Appointment with Doctor 1\n And 2 to make Appointment with Doctor 2"; cin >> Named;

string username, password, Gender; int Age, Time;

ofstream create;

if (Named == 1)

{

create.open(doc1 + "txt");

}

else

{

create.open(doc2 + "txt");

}

cout << "Enter Patient Detail and Time\n";

cout << "Adding patient Info\n";

cout << "Enter His Name :"; cin >> username;

cout << "Enter His Gender :"; cin >> Gender;

cout << "Enter His Age :"; cin >> Age;

cout << "Enter the Time :"; cin >> Time;

create << username << " ";

create << Gender << " ";

create << Age << " ";

create << Time << endl;

create.close();

}

break;

case 3: {

string doc1, doc2; int Named;

ifstream read;

read.open("Orthopaedics.txt");

cout << "Doctor(s) Availabe are :" << endl;

while (!read.eof()) {

if (doc1 == "\0" && doc2 == "\0") {

cout << "No Doctor Availabe Now. \n";

break;

}

read >> doc1;

read >> doc2;

cout << endl;

}cout << "Press 1 to make the Appointment with Doctor 1\n And 2 to make Appointment with Doctor 2"; cin >> Named;

string username, password, Gender; int Age, Time;

ofstream create;

if (Named == 1)

{

create.open(doc1 + "txt");

}

else

{

create.open(doc2 + "txt");

}

cout << "Enter Patient Detail and Time\n";

cout << "Adding patient Info\n";

cout << "Enter His Name :"; cin >> username;

cout << "Enter His Gender :"; cin >> Gender;

cout << "Enter His Age :"; cin >> Age;

cout << "Enter the Time :"; cin >> Time;

create << username << " ";

create << Gender << " ";

create << Age << " ";

create << Time << endl;

create.close();

}

break;

case 4: {

string doc1, doc2; int Named;

ifstream read;

read.open("Psychiatry.txt");

cout << "Doctor(s) Availabe are :" << endl;

while (!read.eof()) {

if (doc1 == "\0" && doc2 == "\0") {

cout << "No Doctor Availabe Now. \n";

break;

}

read >> doc1;

read >> doc2;

cout << endl;

}cout << "Press 1 to make the Appointment with Doctor 1\n And 2 to make Appointment with Doctor 2"; cin >> Named;

string username, password, Gender; int Age, Time;

ofstream create;

if (Named == 1)

{

create.open(doc1 + "txt");

}

else

{

create.open(doc2 + "txt");

}

cout << "Enter Patient Detail and Time\n";

cout << "Adding patient Info\n";

cout << "Enter His Name :"; cin >> username;

cout << "Enter His Gender :"; cin >> Gender;

cout << "Enter His Age :"; cin >> Age;

cout << "Enter the Time :"; cin >> Time;

create << username << " ";

create << Gender << " ";

create << Age << " ";

create << Time << endl;

create.close();

}

break;

case 5: {

string doc1, doc2; int Named;

ifstream read;

read.open("Physiotherapy.txt");

cout << "Doctor(s) Availabe are :" << endl;

while (!read.eof()) {

if (doc1 == "\0" && doc2 == "\0") {

cout << "No Doctor Availabe Now. \n";

break;

}

read >> doc1;

read >> doc2;

cout << endl;

}

cout << "Press 1 to make the Appointment with Doctor 1\n And 2 to make Appointment with Doctor 2"; cin >> Named;

string username, password, Gender; int Age, Time;

ofstream create;

if (Named == 1)

{

create.open(doc1 + "txt");

}

else

{

create.open(doc2 + "txt");

}

cout << "Enter Patient Detail and Time\n";

cout << "Adding patient Info\n";

cout << "Enter His Name :"; cin >> username;

cout << "Enter His Gender :"; cin >> Gender;

cout << "Enter His Age :"; cin >> Age;

cout << "Enter the Time :"; cin >> Time;

create << username << " ";

create << Gender << " ";

create << Age << " ";

create << Time << endl;

create.close();

}

break;

default:

{

cout << "Invalid option.";

}

break;

}

}

void View\_Doctors()

{

ifstream read;

int departmentno;

cout << "Enter The Department of which doctor you want to add:\n";

cout << "Press 1. Dental\n"

"Press 2. Accident & Emergency\n"

"Press 3. Orthopaedics\n"

"Press 4. Psychiatry\n"

"Press 5. Physiotherapy\n";

cout << "-> ";

cin >> departmentno;

switch (departmentno)

{

case 1:

{ string username, password, Gender, Department, D\_id; int age;

read.open("Dental.txt");

while (!read.eof())

{

read >> username;

read >> password;

read >> Gender;

read >> age;

read >> Department;

read.close();

}

}break;

case 2:

{

string username, password, Gender, Department, D\_id; int age;

read.open("Accident&Emergency.txt");

while (!read.eof())

{

read >> username;

read >> password;

read >> Gender;

read >> age;

read >> Department;

read.close();

}

}break;

case 3:

{

string username, password, Gender, Department, D\_id; int age;

read.open("Orthopaedics.txt");

while (!read.eof())

{

read >> username;

read >> password;

read >> Gender;

read >> age;

read >> Department;

read.close();

}

}break;

case 4:

{

string username, password, Gender, Department, D\_id; int age;

read.open("Psychiatry.txt");

while (!read.eof())

{

read >> username;

read >> password;

read >> Gender;

read >> age;

read >> Department;

read.close();

}

}break;

case 5:

{

string username, password, Gender, Department, D\_id; int age;

read.open("Physiotherapy.txt");

while (!read.eof())

{

read >> username;

read >> password;

read >> Gender;

read >> age;

read >> Department;

read.close();

}

}break;

default:

{

cout << "Invalid option.";

}

break;

}

}

void View\_Patient()

{

string username, password, Gender, Age, ID, patientoff;

ifstream read;

read.open("Patient.txt");

while (!read.eof())

{

read >> username;

read >> password;

read >> Gender;

read >> Age;

read >> ID;

read >> patientoff;

read.close();

}

}

void del\_data()

{

int decision;

cout << "\t\tWhose Data You Want To Remove?\n";

cout << "\t\tPress 1 to Remove Doctor Data\n"

"\t\tPress 2 to Remove Patient Data\n";

cout << "-->"; cin >> decision;

switch (decision)

{

case 1:

{

int departmentno;

cout << "Enter The Department of Which Doctor Data You Want To Remove:\n";

cout << "Press 1. Dental\n"

"Press 2. Accident & Emergency\n"

"Press 3. Orthopaedics\n"

"Press 4. Psychiatry\n"

"Press 5. Physiotherapy\n";

cout << "-> ";

cin >> departmentno;

switch (departmentno)

{

case 1:

{

cout << "\t\tRemoving The Dental Doctor's Data.\n";

remove("Dental");

}

case 2:

{

cout << "\t\tRemoving The Accident&Emergency Doctor's Data.\n";

remove("Accident&Emergency");

}

case 3:

{

cout << "\t\tRemoving The Orthopaedics Doctor's Data.\n";

remove("Orthopaedics");

}

case 4:

{

cout << "\t\tRemoving The Psychaitry Doctor's Data.\n";

remove("Psychiatry");

}

case 5:

{

cout << "\t\tRemoving The Physiotherapy Doctor's Data.\n";

remove("Physiotherapy");

}

}

}break;

case 2:

{

cout << "\t\tRemoving Patient Data From Records\n";

remove("Patient.txt");

}break;

default:

{

cout << "Wrong Input";

}break;

}

}

} Adm;

void adm\_fun()

{

int decision, choice;

do {

cout << "\t\tWelcome To Adminstration Profile\n";

cout << "\t\tEnter Your Choice, What You Want To Do?\n";

cout << "\t\tPress 1 To Add Doctor's Data In Record\n"

"\t\tPress 2 TO Add Patient's Data In Record\n"

"\t\tPress 3 To Add An Appointment\n"

"\t\tPress 4 To View Doctor List\n"

"\t\tPress 5 To View Patient List\n"

"\t\tPress 6 To View Appointment\n"

"\t\tPress 7 To Delete Data\n";

cout << "-->"; cin >> decision;

switch (decision)

{

case 1:

{

Adm.Add\_Doctor();

}

case 2:

{

Adm.Add\_patient();

}

case 3:

{

Adm.Add\_Appointment();

}

case 4:

{

Adm.View\_Doctors();

}

case 5:

{

Adm.View\_Patient();

}

case 6:

{

Adm.view\_doctor\_appointment();

}

case 7:

{

Adm.del\_data();

}

default:

{

cout << "Invalid option.";

}

}

cout << "Do You want to do Another Task :\n"

"If Yes Press 1\n"

"If No Press 0\n";

cout << "->"; cin >> choice;

} while (choice != 0);

}

void pat\_fun()

{

int decision, choice;

do {

cout << "\t\tWelcome to Patient Profile\n";

cout << "\t\tPress 1 To Make an Appointment\n"

"\t\tPress 2 to View Appointment\n";

cout << "-->"; cin >> decision;

if (decision == 1)

{

Adm.Add\_Appointment();

}

else if (decision == 2)

{

Adm.view\_doctor\_appointment();

}

else

{

cout << "Wrong Input\n";

}

cout << "Do You want to do Another Task :\n"

"If Yes Press 1\n"

"If No Press 0\n";

cout << "->"; cin >> choice;

} while (choice != 0);

}

void doc\_fun()

{

int decision, choice;

do {

cout << "\t\tWelcome to Doctor Profile\n";

cout << "\t\tPress 1 To View Patient\n"

"\t\tPress 2 To View Appointment\n"

"\t\tPress 3 To Go Back To Main Menu\n";

cout << "-->"; cin >> decision;

if (decision == 1)

{

Adm.View\_Patient();

}

else if (decision == 2)

{

Adm.view\_doctor\_appointment();

}

else

{

cout << "Wrong Input\n";

}

cout << "Do You want to do Another Task :\n"

"If Yes Press 1\n"

"If No Press 0\n";

cout << "->"; cin >> choice;

} while (choice != 0);

}

int main()

{

int choice;

cout << "\n\t\t\tWelcome to the IST Medical Centre";

cout << endl;

system("Color 7C");

Home:

cout << "\t\t\t\tWelcome to the Login\n";

cout << endl;

cout << "\n\t\tPress 1 to Login as Adminstration\n"

"\n\t\tPress 2 to Login as Doctor\n"

"\n\t\tPress 3 to Login as Patient\n"

"\n\t\tPress 4 to Register if you haven't already\n"

"\n\t\tPress 5 To Exit\n" << endl;

cout << "->"; cin >> choice;

switch (choice)

{

case 1:

{

Adm.Adminstration\_Login();

}break;

case 2:

{

Adm.Doc\_Login();

}break;

case 3:

{

Adm.Paitient\_Login();

}break;

case 4:

{

Adm.Add\_patient();

}break;

case 5:

{

exit(0);

}

default:

{

cout << "Invalid option.";

}break;

}

if (isadmin)

{

adm\_fun();

goto Home;

}

if (isdoc)

{

doc\_fun();

goto Home;

}

if (ispatient)

{

pat\_fun();

goto Home;

}

}