#include"tool.h"

using namespace std;

int main()

{

AriportRoutes \*airportrouts = new AriportRoutes[SIZE];//航线信息

Pananger \*pananger,\*backpananger;//backpananger是候补票序列

pananger = new Pananger();

backpananger = new Pananger();

ceratbackpananger(backpananger);//链表

creatairport(airportrouts);//构建航班信息，数组，不动

creatpananger(pananger);//链表

int choice;//用户选择的变量

string name;

printf("欢迎使用航天管理系统,请选择你的身份\n");

printf("1-----机场管理人员 2------乘客\n");

while (1)

{

cin>>choice;

if (choice == 2)

{

pannager\_show();

cout << "请输入姓名："<<endl;

cin >> name;

while (1)

{

cout<<"请输入操作序号："<<endl;

cin >> choice;

switch (choice)

{

case 0://退出系统

write(pananger, airportrouts,backpananger);

cout<<"欢迎下次使用"<<endl;

exit(0);

case 1://1.订 票

booktiket(pananger, airportrouts,name, backpananger);

break;

case 2://2.查询航线

serchairport(airportrouts);

break;

case 3://3.改 签

changeticket(pananger, airportrouts,name);

break;

case 4://4.退 票

refund(pananger, airportrouts,name,backpananger);

break;

case 5://5.显示订票信息

showperson(pananger,name);

break;

case 6:

cout << "请输入姓名：" << endl;

cin >> name;

break;

default:

cout << "输入错误请重新输入" << endl;

break;

}

}

}

else if (choice == 1) {

while (1)

{

airpote\_show();

cout << "请输入操作序号：" << endl;

cin >> choice;

switch (choice)

{

case 0://退出系统

cout << "欢迎下次使用" << endl;

exit(0);

case 1://3.查看航天信息

showairport(airportrouts);

break;

case 2://4.查看订票信息

showallpananger(pananger);

break;

case 3://5.查看候补名单

showall(backpananger);

break;

default:

cout<<"输入错误，请重新输入"<<endl;

break;

}

}

}

else

{

printf("输入错误请重新输入");

}

}

system("pause");

return 0;

}

void creatairport(AriportRoutes \*&airportrouts) {

ifstream file;

string endden, flight, plane, planetime, pangernumber,remain;

int i=0, pangernumber1,remain1;

file.open("domo.txt", ios::in);

if (!file.is\_open()) {

cout << "打开文件失败" << endl;

}

else

{

while (!file.eof())

{

getline(file, endden);

getline(file, flight);

getline(file, plane);

getline(file, planetime);

getline(file, pangernumber);

getline(file, remain);

pangernumber1 = atoi(pangernumber.c\_str());

remain1 = atoi(remain.c\_str());

airportrouts[i].setData(endden, flight, plane, planetime, pangernumber1,remain1);

i++;

}

}

SIZE = i;

//cout << SIZE << endl;

}

void write(Pananger\* pananger, AriportRoutes airportrouts[],Pananger \*backpananger)

{

int error=0;

Pananger\* head;

head = pananger->next;

ofstream file;

file.open("pananger.txt",ios::out);

while (head)

{

file << head->getNnme() << endl;

file << head->getTitlenumber() << endl;

file << head->getFlight();

if (head->next)

{

file << endl;

}

head = head->next;

}

file.close();

ofstream filea;

filea.open("domo.txt", ios::out);

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

{

filea << airportrouts[i].getendden() << endl;

filea << airportrouts[i].getflight() << endl;

filea << airportrouts[i].getplane() << endl;

filea << airportrouts[i].getplanetime() << endl;

filea << airportrouts[i].getpangernumber() << endl;

filea << airportrouts[i].getremain();

if (i != SIZE - 1)

{

filea << endl;

}

}

filea.close();

//将backpananger写入文件

Pananger\* headb,\*head1,\*temp;

headb = backpananger->next;

ofstream fileb;

fileb.open("backpananger.txt", ios::out);

/\*if (error<2)

{

cout << "没有数据" << endl;

}

else

{\*/

while (headb)

{

cout << headb->getNnme() << endl;

if (headb->getNnme()!="")

{

fileb << headb->getNnme() << endl;

fileb << headb->getTitlenumber() << endl;

fileb << headb->getFlight() << endl;

}

headb = headb->next;

}

fileb.close();

}



