

D.A.V. PUBLIC SCHOOL, AIROLI

COMPUTER SCIENCE PROJECT

ON

Airline Booking Ticket



SESSION – 2017-2018

Name : Tanish Afre

Class : XI-B1

Roll No : 44

CERTIFICATE

**This is to certify that Master/~~Miss~~ Tanish Afre of Std XI ,
D. A. V. Public School, Airoli , has successfully
completed the project entitled Airline Bookings using
C++ during the academic year 2018-2019. It is further
certified that the project is the genuine work of the
student and has been done sincerely and satisfactorily.**

**External Examiner's
Signature**

Teacher's Signature

School Stamp

ACKNOWLEDGEMENT

In the accomplishment of this project successfully, many people have bestowed upon me their blessings and a heart pledged support, theses time I am utilizing to thank all the people who have been concerned with my project.

Primarily I would thank god for been able to complete this project with success. Then I would to thank my principal Mrs.Suruchi Kataria and computer science teacher Mrs. Manisha Desai whose valuable guidance helped me patch this project. Here instruction have served as a major contributor towards the completion of the project.

Then I would like to thank my parents and friends who have helped me with their guidance that has been helpful in various phases of completion of project.

Last but not the least I would Like to thank my classmates who have helped me a lot.

INDEX

Sr.No	Contents
1.	Introduction
2.	Flow Chart
3.	Source Code
4.	Screenshots
5.	Project CD
6.	Bibliography

INTRODUCTION

Airline Boarding Pass system is a very simple mini project in C++, built as a console application without using graphics features. It's just a demonstration of the use of file handling and stream class in C++ language.

The project is relatively simple to understand as there are just a few features. Understanding the source code will give you the idea regarding file handling: how to add, remove, edit, and search data or info to/from file.

Listed below are the key features of this project:

- **Add, Remove or Edit items:** With this feature you can add, remove and modify item details. In add items, you can add information or details such as your name, date, traveling with airline, destination, arrival location, and many more.
- **Show item details:** This feature allows users to see the name of traveler, date, traveling with airline, destination, arrival location, and many more.

Some rooms for improvements in this Airline Booking system project include the use of 'gets' loop instead of the 'cout' label in some places. Many programmers consider the use of 'cout' label to be not good or less efficient.

SOURCE CODE

```
#include<conio.h>
#include<iostream.h>
#include<stdio.h>
#include<string.h>
#include<ctype.h>
#include<process.h>
void list();
void booking();
struct number
{
    char ch[11];
};
struct pass {
    char name[50],airlines[50],depart[30],arrive[30],date[30];
    number regis;
};
struct date1
{char mon[10];
int day,year;
}d;
void main()
{
    int choice;
    clrscr();
    cout<<"\n\n\n\n_____=__ETHIHAD
AIRWAYS__=__\n\n\n\n";
    cout<<"\n\t\t 1. Book tickets.";
    cout<<"\n\t\t 2. List of places.";
    cout<<"\n\t\t 3. Exit";
    cout<<"\n \t\tEnter your choice: ";

    cin>>choice;
    if(choice>3)
    {
        cout<<"wrong choice!";
    }
    else
    switch (choice)
    {
```

```

    case 1:booking();break;
    case 2:list();break;
    case 3:exit(0);break;
}
getch();
}
void booking()
{
    clrscr();
    pass p1;
    number n1;
    int seat;
    cout<<"Enter Your Name: ";
    gets(p1.name);
    cout<<"enter your desired your seat number";
    cin>>seat;
    if(seat>=100)
    {
        cout<<"sorry! seats not available";
    }
    else
    {
        cout<<"Enter the date of journey (DD/MM/YYYY)";
        gets(p1.date);
        cout<<"Enter your airline: ";
        gets(p1.airlines);
        cout<<"Enter your destination: ";
        gets(p1.depart);
        cout<<"Enter your boarding place: ";
        gets(p1.arrive);
        n1.ch[0]=p1.airlines[0];
        n1.ch[1]=p1.airlines[1];
        n1.ch[2]=p1.airlines[2];
        n1.ch[3]=p1.airlines[3];
        n1.ch[4]=p1.depart[0];
        n1.ch[5]=p1.depart[1];
        n1.ch[6]=p1.depart[2];
        n1.ch[7]=p1.arrive[0];
        n1.ch[8]=p1.arrive[1];
        n1.ch[9]=p1.arrive[2];
        n1.ch[10]='\0';
        clrscr();
        cout<<"*****";
        cout<<"\n\n<<"\t\t\tBOARDING PASS\n\n<<endl;
        cout<<"*****";
    }
}

```

```

    cout<<"\t\t\t"<<p1.airlines<<endl;
    cout<<"\t\t\t"<<n1.ch[7]<<n1.ch[8]<<n1.ch[9]<<"-
>"<<n1.ch[4]<<n1.ch[5]<<n1.ch[6]<<endl;
    cout<<"\t\t\tPNR:"<<n1.ch<<"\t\tSeat Number: "<<seat<<endl;
    cout<<"\t\t\tName: "<<p1.name<<endl;
    cout<<"\t\t\tAirlines: "<<p1.airlines<<endl;
    cout<<"\t\t\tTime "<<p1.date<<endl;
    cout<<"\t\t\tTravelling from: "<<p1.arrive<<endl;
    cout<<"\t\t\tTo: "<<p1.depart<<endl;
    getch();
}
}
void list()
{
    clrscr();
    cout<<"\n1.Mumbai to Delhi";
    cout<<"\n2.Mumbai to Agra";
    cout<<"\n3.Mumbai to Sikkim";
    cout<<"\n4.Mumbai to Chennai";
    cout<<"\n5.Mumbai to Hyderabad";
    cout<<"\n6.Mumbai to Cochin";
    cout<<"\n7.Mumbai to Jaipur";
    cout<<"\n8.Mumbai to Gandhinagar";
    cout<<"\n9.Delhi to Mumbai";
    cout<<"\n10.Agra to Mumbai";
    cout<<"\n11.Sikkim to Mumbai";
    cout<<"\n12.Chennai to Mumbai";
    cout<<"\n13.Hyderabad to Mumbai";
    cout<<"\n14.Cochin to Mumbai";
    cout<<"\n15.Jaipur to Mumbai";
    cout<<"\n16.Gandhinagar to Mumbai";
    char a;
    cout<<"\nEnter 'y' to book ticket and 'n' to exit"<<endl;
    cin>>a;
    if (a=='y'||a=='Y')
        booking();
    else if(a=='n'||a=='N')
        exit(0);

    getch();
}

```


SCREENSHOTS

