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**Acknowledgement**

I would like to thank to my computer science mentor Ms. Aarti Bhandari, for her vital support and giving me an opportunity to make this project. I also want to thank my parents and friends. Without their support, the project would not have come forth. Thanks again to all.

**Certificate**

This is to certify that Sanchit Bajaj, student of class XII ~ E, Lilawati Vidya Mandir Sr. Sc. School has completed the project titled Travel Agency during the year 2018-19 towards partial fulfillment of credit for the computer science practical evaluation of CBSE 2018 and submitted satisfactory report, as compiled in the following pages under my supervision.

…………………………

Teacher’s Signature

(Ms. Aarti Bhandari)

**Flow of control**

**Introduction:-**

The project aims to develop a computer program based on C++ programming language. Travel agency is C++ program that gives the same experience as any booking sites.

**Header files used:-**

#include<iostream.h> (for cin and cout)

#include<fstream.h> (for open() and close())

#include<conio.h> (for clrscr() and getch())

#include<string.h> (for strcpy() and strcmpi())

#include<stdio.h> (for gets(), puts(), remove() and rename())

#include<process.h> (for exit())

**Globally used variables:-**

**Type Variable Name**

fstream fin, fout

**Classes used:-**

Class travel

PRIVATE – MEMBERS:-

int mem;

char name[20];

char id[30];

char tra;

unsigned int price;

char dest[30];

PUBLIC – MEMBERS:-

travel();

char ret\_tra()

char\* ret\_name()

char\* ret\_id()

void input();

void travelling(char,int);

void output();

object = t;

Class rail

PRIVATE – MEMBERS:-

int mem;

char name[20];

char id[30];

unsigned int price;

char dest[30];

PUBLIC – MEMBERS:-

rail();

char\* ret\_name()

char\* ret\_id()

void input();

void travelling(int);

void output();

object = r;

Class taxi

PRIVATE – MEMBERS:-

int mem;

char name[20];

char id[30];

unsigned int price;

char dest[30];

int base;

int pkm;

int distance

PUBLIC – MEMBERS:-

taxi();

char\* ret\_name()

char\* ret\_id()

void input();

void travelling(char []);

void output();

object = ti;

**Data files used:-**

fly.dat stores the record of Airway Services

rail.dat stores the record of Railway Services

taxi.dat stores the record of Taxi Service

**About the program**

When the program runs there is main menu containing the three travelling options, airways booking, railways booking and taxi booking.

When a person chooses any of the option, a new sub-menu will open. In this sub-menu there are four options: booking a service, show their new and past booking information searching their previous information and deleting/cancelling the booking.

If someone chooses the first option, he has to enter their name, e-mail id, how many person are travelling with him and location where he/they want to go and then booking confirmed message appeared.

If someone chooses the second option, then the list of their booking will be shown.

If someone chooses the third option, then in order to find his record, he has to enter the registered name which he had used in booking.

If someone chooses the final option, then he will have to enter the e-mail id with which he logs in for booking. And then its record will be removed from the database.

**Bibliography**

The resources where I gather the information are :-

* Computer Science Class-12 Book by Preeti Arora
* <http://www.wikipedia.org/>
* <https://stackoverflow.com/>
* <https://www.hackerrank.com/>