About project

This a simple program to book a flight ticket. The various elements in the program are :

1. Input function: void passengerDetails()

Allows the passenger to enter their basic info i.e. name, gender and age

2. function to choose the location of departure and arrival: void location()

* two arrays containing the list of departure and arrival locations is displayed
* the user can then input his desired location of arrival and departure.

3.Date and time of departure: void schedule()

* The passenger can enter the exact date, month and year within three variables.
* Passenger should enter the time slot : any number between 0 and 23.
* Option is given to the passenger to go for a round trip. If the passenger chooses the option then offer him some discount.

4. function for seat booking: void seats()

* Allows the passenger to choose the number of seats he wants to book with a maximum limit of 9 seats.
* Choose the type of seats : Business or economy.

5. function to calculate ticket cost: void ticket cost()

Use of nested switch case is made.

Outer: each case is for each location of departure

Inner: each case is for each location of arrival

Ticket cost is calculated based on

* No. of seats
* Travel class
* Location of departure
* Location of arrival
* Discount for round trip

6. function to display all the ticket info: void displayTicket()

Displays everything that the user has input.

If any changes are to be made then it asks the user which particular area he wants to edit.

Switch case allows the user to edit

* Details of the main passenger
* Location and time departure and arrival
* Date and time of departure and arrival
* Seat booking

The respective cases allow the user to make necessary changes in the respective functions.

7. function for payment:-

Payment options:-credit card, debit card and net banking

* For credit and debit card the user has to enter month and year of expiry as well as the pin no. of the bank account.
* For net banking if customer uses a State bank of India then off an addition 5% discount.

The customer has to then enter his pin.