

Airplane Ticket Booking System (C language)

Airplane Ticket Booking System. This Project is developed in C programming language.

----- Some Features -----

** Add New Client

** Booking Ticket

** search clients

** update Client Data

** Delete Record

** View All Record Sorted

-----**Files List**-----

function.h

function.c

main.c

-----**Main Functions**-----

MAIN_MENU

- this function displays the welcomescreen and targets activates.

Insert

- this function creates a new client account. It asks about details of the clientsuch as name, date of birth, ID, address,phone number,

Booking

- this function is for reserve ticket details it takes a client ID number and store the preferred class and seat number the function also checks the free seats

Update

- this function has been used for updating a particular Client account by ID

Delete

- this function is for deleting a Client account **With** ID number

Search

- this function is for Search for a Client account **With** ID number

Display

- this function, you can view the client's information such as name, date of birth, ID, address, and phone number alphabetically ascending

-----Helping Functions-----

welcomeMessage

- this function creates the welcome screen used in main menu

sortList

- this function sorts the client list alphabetically using bubble sort algorithm

scanStruct

- this function for scanning struct elements

creatList

- this function initializes the main list and the header pointer

swap

- this function swap to client structs used for bubble sorting

-----Future updates-----

- create login
- create admin panel for adding information instead of static data
- fields constraints and validation

