

<u>Person</u>

- -ID:int
- -email:string
- -username:string -password:string
- +getters and setters +signup()

Admin

- -u:string
- -p:string #f_name:string #I_name:string
- +getters and setters
- +menu()
- +admin_menu()
- +sign_up()
- +delete_staff() +signin()
- +delete_customer()
- +delete_airline()
- +show_admin()

Special Customer

- #miles:int
- #f_name:string
- #l_name:string -u:string
- -p:string
- +is_special:bool
- +menu()
- +signup()
- +signin()
- +s_customer_menu()
- +b_refund()

Customer

- -u:string -p:string
- #f_name:string #*l_name:string*
- +c_no:int
- +is_special:bool
- +getters and setters
- +menu() +signup()
- +signin()

Staff

- -u:string -p:string
- #f_name:string #l_name:string
- +getters and
- setters
- +signup() +signin()
- +menu() +staff_menu()
- +refund()
- +policy() +verify()

Holiday Package

- -date:string
- -tourcode:int
- -departure:string
- -arrival:string
- -tour:int
- -choice:int +c1:Customer
- +s1:Special_Customer
- +menu()
- +login()
- +package_details()
- +book_package()
- +book_package2()

<u>Airline</u>

#name:string #airline_email:string #airline_id:int #no_of_planes:int #rating:int

- +getters and setters
- +menu()
- +signup()
- +signin()
- +showAirlines() +airline_menu()

Booking

- -c_name:string
- -c_email:string
- -c_airline:string -ticket_ID:int
- -price:float
- -prices[3]:float
- +getters and setters
- +menu()
- +book_tickets()
- +n_booking()
- +s_booking()

Payment

- -bank:string
- -card_no:long int -cvv:int
- -expirry_month:int
- +menu() +card_payment()
- +online_banking()

Ticket

- +menu()
- +print_package()
- +s_printticket()
- +n_printticket()