Client

User

- personal and billing info
- booked itineraries
- getBookedItiineraries
- add
- remove

- UserManager

Administrator

User

- selectFlight

User

Abstract

Client, Admin

- email
- SelectItinerary

- Itinerary

Flight

- flightNumber
- departureDateTime
- arrivalDateTime
- airline
- origin
- destination
- cost
- traveltime
- number of seats
- availableSeats
- addPassenger

	• infoManager

Itinerary

- Flight
- departureDate
- destination
- Origin
- totalCost
- addFlights
- addFlight

	• Flight

FlightManager

infoManager

- searchFlights
- add flight
- removeFlight

	• Flight
	• InfoManager

infoManager

UserManager, FlightManager

- readFromfiles
- add to csv file
- savetoFile

SearchAlgorithm

- SearchItineraries
- searchItinerariesSortedByTime
- searchItinerariesSortedByCost

- Itinerary
- Flight

UserManager

InfoManager

- ReadPassword
- add user
- savePasswordToFile

- User
- Admin

AdminActivity

- editClientInfos
- uploadClientInfoFile
- Edit flight info
- Upload flight info file
- View booked itineraries by admin
- book itinerary by admin
- admin
- edited flight number key
- edited flight key

- Login activity

ClientMain

- book Itinerary
- Edit client info
- view booked itinerary

- login activity

DisplayBookedItineraries

- remove booked itineraries
- view booked itineraries

- login activity

DisplaySearchedFlightsActivity

- view flights after searching
- sorts searched flights by time
- sorts searched flights by Cost

- Login activity
- FlightManager

Display searchedItinerariesActivity

- view searched itineraries
- view searched itineraries info
- sort searched itineraries by time and cost

- loginActivity
- searchAlgorithm

EditClientInfoActivity

• view client info • edit client info	• LoginActivity

EditFlightInfoActivity

• view flight info • Edit Flight info	• LoginActivity

LoginActivity

• Checks password and email • Login the user as client or Admin	• UserManager • FlightManager • User

SearchActivity

• gets search information • search for flights • search for itineraries	

ViewFlightInfoActivity

• view Itineraries Info • Book the selected Itineraries	• LoginActivity