

Client		User
<div>lastname firstname email address expiryDate creditCardNumber set lastname set firstname set email set address set expirydate set creditcardnumber booked itineraries book itinerary view booked itineraries</div>		BookingApp

Flight		Serializable
<div>flight number departure date and time arrival date and time airline origin destination cost numSeats remainingSeats isFull bookFlight getFlightNumber getCost setOrigin getNumSeats</div>		

setNumSeats getRemainingSeats getTimeInMillis getArrivalDateAndTime getDepartureDateAndTime getDestination getOrigin getAirline	
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Itinerary		Serializable
totalCost totalTime origin destination flights getCost getTimeInMillis getTime getTotalCost getTotalTime getOrigin getDestination getFlights isFull		Flight

Admin	User
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get client information uploadUsersInfo lastname firstname email address creditcardno expirydate uploadFlightInformation	Client Flight BookingApp User
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BookingApp	
flights clients currentClient loadFlights loadClientsList getCurrentClient setCurrentClient searchFlights searchItineraries book login remove fully booked display results by time display results by cost sortByCost sortByTime getFlightList getClientInfo getClientList	Client Itinerary Flight

abstract	User	Client,Administrator
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lastname firstname email address creditcardno expirydate searchFlights searchItineraries displayTimeFlights displayCostFlights displayTimeItineraries displayCostItineraries getEmail getExpiryDate getLastName getFirstName getCreditCardNumber	Client Administrator BookingApp
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AdminPanel AppCompatActivity	
onCreate flightFileDialog userFileDialog selectedFlightFile selectedClientFile showFlightFilePicker showUserFilePicker goToSavedFlights goToSavedUsers uploadFlightData uploadUserData	SavedFlights SavedUsers BookingApp FlightManager MainActivity

ClientActivity AppCompatActivity	
onCreate currentUser goToSearch viewPersonalInformation	User BookingApp ViewBookedItineraries ClientInfo

viewBookedItineraries	Search
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ClientManager		Serializable
clients filePath add saveToFile readFromFile	Client	

DisplayFlightSearchResults		AppCompatActivity
onCreate listView adapter listItems displayFlight book_a_flight	Flight Search FlightDisplay	

DisplayItinerarySearchResults		Activity
onCreate listView searchedItineraries displayItinerary	ItineraryDisplay Itinerary	

EditClientInfo		Activity
onCreate saveClient	BookingApp Client	

		AppCompatActivity
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FlightDisplay	
onCreate flight userType preformAction	Flight User FlightEdit

FlightEdit		Activity
flightNum origin destination departureDate departureTime arrivalDate arrivalTime numSeatsl seatsRemaining cost onCreate flight save		Flight BookingApp MainActivity FlightManager

FlightManager		Serializable
flights filePath logger consoleHandler add remove saveToFile readFromFile		Flight BookingApp

ItineraryDisplay		Activity
onCreate itineraryToDisplay book		Itinerary BookingApp ClientActivity

MainActivity		AppCompatActivity
onCreate FLIGHTS_FILENAME FLIGHTS_DATA_DIR CLIENTS_FILENAME CLIENTS_DATA_DIR USER_PASS_FILENAME USER_PASS_DIR FLIGHT_MANAGER_KEY CLIENT_MANAGER_KEY flightmanager clientmanager goToFlightSearch goToUpload login		FlightManager ClientManager Search AdminPanel AdminMain ClientActivity

SavedFlights		Activity
onCreate displayFlight		BookingApp Flight FlightDisplay

SavedUsers		Activity
onCreate displayUser		User BookingApp

Search		AppCompatActivity
onCreate lastFlightSearch showDatePickerDialog search checkSearchTerms showSortOptions hideSortOptions getLastFlightSearch		DataPickerFragment Flight DisplayItinerarySearchResults BookingApp

ViewBookedItineraries		Activity
onCreate		BookingApp Itinerary

ClientInfo		AppCompatActivity
onCreate cur_user first_name last_name credit_card_no email address credit_card_expiry clientToDisplay firstname lastname creditcardno email address creditcardexpiry		Client

AdminMain AppCompatActivity	
onCreate goToAdminPanel goToSearch selectClient viewClient	BookingApp SelectClient Search AdminPanel

SelectClient Activity	
onCreate selectClient	Client BookingApp AdminMain

FileDialog	
PARENT_DIR TAG fileList currentPath createFileDialog addFileListener removeFileListener setSelectDirectoryOption addDirectoryListener removeDirectoryListener showDialog fireFileSelectedEvent fireDirectorySelectedEvent loadFileList getChosenFile setFileEndsWith fireEvent add fireEvent remove getListenerList()	FileSelectedListener DirectorySelectedListener ListenerList FireHandler