

Abstract	
<div>User</div> <div>Client, Admin</div>	
First name Last name InfoCenter Get infoCenter Get first name Get last name Set first name Set last name Search flights Search for Itineraries Select Itinerary display Sorted Itineraries display Booked Itineraries	Itinerary generator

<div>User</div> <div>Client</div>	
Email Credit card number Expiry date Booked itineraries Address Search filter (default price) edit Personal info Book Itinerary remove itinerary from booked itineraries get email get credit card number get filter get booked itineraries set email set address set credit card number set expiry date set filter	

Itinerary	
origin destination departure Date Time as String departure date first flight last flight wait times total travel Time total Cost flights add flight calculate wait time get departure date get origin get destination get total cost get total travel time get flights get departure Date Time as String	Flight
User  Admin	
email add flight edit Client Info add client add admin upload clients upload Flights remove flight edit flight info get client info to String get email book itinerary for client remove itineraries for client get booked itineraries of client	Flight Infocentre

Flight	
origin destination departure Date Time arrival Date Time flight Number airline cost seats available departure Date Time as String arrival Date Time as String calculate travel time compare to to String get origin get destination get departure Date Time get arrival Date Time get flight Number get airline get cost get departure Date Time as String get arrival Date Time as String get seats available set origin set destination set departure Date Time set arrival Date Time set flight Number set airline set cost set departure Date Time as String set arrival Date Time as String set seats available	

Infocentre	
Clients Admins Flights Add flight Remove Flight Edit Client info add client add admin edit admin info get flights get clients get admins	Admin

ItineraryGenerator	
flight paths search graph all flights list all itineraries	Itinerary Infocentre Directed Graph

Directed Graph	
Adjacent nodes Set of nodes Set set of nodes Get adjacent nodes Get set of nodes Add Add edge Get neighbours to String	

**Activity CRC's:**

<b>MainActivity</b>	
OnCreate	Infocentre
logIn	Admin
	Client

<b>AdminHome</b>	
onCreate	Infocentre
onItemClick	Admin

<b>ClientHome</b>	
onCreate	Infocentre
onItemClick	Client

<b>DisplayAnyClientInfo</b>	
onCreate	Infocentre
onItemClick	Admin
	Client

<b>EditClientInfo</b>	
onCreate	Infocentre
editClientInfo	Admin
	Client

ViewClient	
onCreate	Infocentre
onItemClick	Admin
	Client

BookedItineraries	
onCreate	Infocentre
	Admin
	Client
	Itinerary

SearchItineraries	
onCreate	Infocentre
onClick	Admin
	ItineraryGenerator

DisplayItineraries	
onCreate	Infocentre
onItemClick	Admin
	Itinerary

BookItineraryAdmin	
onCreate	Infocentre
onItemClick	Admin
	Client

ViewFlights	
onCreate	Infocentre
onItemClick	User
	Flight

EditFlight	
onCreate	Infocentre
editFlightInfo	Admin
	Flight

UploadFlights	
onCreate	Infocentre
uploadFlightInfo	Admin

SearchFlights	
onCreate	Infocentre
onClick	Admin
	Flight

DisplayFlights	
onCreate	Infocentre
	Flight

UploadClients	
onCreate	Infocentre
uploadClientInfo	Admin

SearchItinerariesClient	
onCreate	Infocentre
onClick	Client
	ItineraryGenerator

DisplayItinerariesClient	
onCreate	Infocentre
onItemClick	Client
	Itinerary

ViewBookedItineraries	
onCreate	Infocentre
	Client
	Itinerary

EditPersonalInfo	
onCreate	Infocentre
editClientInfo	Client