abstract

User — administrator/client

search Itinerary	Itinerary
sort Itinerary	Flight
enter Personal Info	
enter Billing Info	

Client — user

Load Itinerary	
Book Itinerary	System
View Booked Itineraries	Flight
Edit Personal Info	Itinerary
Edit Billing Info	

Administrator — user

Enter Flight Info	System
Upload Flight File	Flight
Edit Client Info	Itinerary
Upload User File	Client
Book Itinerary Client	

Database

Clients Info	Administrator
Flights Info	Client
Save to File	Itinerary
Read from File	Flight
	Serialize Database

Serialize Database

Save to File	
Read from File	Database

Itinerary	
Departure Date travel Origin destination total Cost Total Travel Time Able to Book	Flight

Flight	
Flight Num departure Date Time arrival Date Time airline origin destination cost number of seats Stop Over	

Main Activity	
Load previous session Login Launch App	Database

Admin Main Activity	
Upload Flights Button	Admin upload flights activity
Search Flights Button	Admin search flight activity
Upload Clients Button	Admin upload clients activity
Search Client button	Admin search client activity
Logout	Main activity

Admin upload flights activity	
Upload flights file button	Admin Database

Admin upload clients activity	
Upload clients file button	Admin Database

Admin search client activity	
Search client request	Admin Client main activity

Admin edit flight activity	
Edit flight	Flight Database Admin display flight info activity

Admin search flight activity	
Search flight request	Flight Database Admin edit flight activity

Admin display flight info activity	
Display flights	Database Admin main activity

Client main activity	
Edit client info Search flights View booked itineraries Logout Return to admin	User edit clients activity User search flights activity Client view itineraries activities Main activity Admin main activity

Client view itineraries activity	
View itineraries	Client Admin Itinerary Client main activity

User book itinerary activity	
Book itinerary	Admin Client Database Itinerary Client main activity

User search flights activity	
Search flights	User display flights activity

User display flights activity	
Book flight Sort itinerary by cost Sort itinerary by time	User Client Admin Flight Itinerary User book itinerary activity

User edit client activity	
Edit client	User Client Admin Database User display client info activity

User display client info activity	
Display client info	Database Client main activity