

abstract	
User	
login	

Application	
users all flights current user log in the user upload client data upload flight data get a client's data display a client's data enter client personal and billing information search and display flights search through itineraries display itineraries display itineraries sorted by time display itineraries sorted by cost store client data store flight data	Flight Itinerary Client

Administrator		User
enter flight information edit client information edit client booked itineraries view client booked itineraries upload client personal and billing information edit client data book itinerary for client	User Information Client Flight Application	

Client		User
selected itinerary booked itineraries personal and billing information edit personal and billing information book itinerary get personal and billing information get booked itineraries		User Information Itinerary

Itinerary	
flights departure date arrival date origin destination total cost total travel time get flights get departure date get arrival date get origin get destination get total cost get total travel time	Flight

Flight	
flight number departure date and time arrival date and time airline company origin destination cost travel time get departure date and time get arrival date and time get origin get destination get cost get travel time	

User Information	
first name last name email address credit card number expiry date edit first name edit last name edit email edit address edit credit card number edit expiry date get first name get last name get email get address get credit card number get expiry date	

Client Manager	
get clients read from CVS file read from file add user save to file	Application

Flight Manager	
get flight read from CVS file read from file add flight save to file	Application

Admin Activity	
ClientNameActivity EnterClientNameActivity EnterFlightNumber UploadDataActivity SearchFlightsActivity	ClientNameActivity UploadDataActivity SearchFlightsActivity

Book Itinerary Activity	
Book itinerary SelectItineraryActivity Get searched itinerates	SelectItineraryActivit y

Client Activity	
EditInfoActivity BookItineraryActivity SearchFlightsActivity ViewBookedItineraryA ctivity	EditInfoActivity BookItineraryActivity SearchFlightsActivity ViewBookedItineraryActivity

Edit Flight Activity	
Write changes to file	

Edit Info Activity

Select Client Write changes to file Enter changes	
Enter Client Name Activity	
EditInfoActivity BookItineraryActivity ViewBookedItineraryActivity	EditInfoActivity BookItineraryActivity ViewBookedItineraryActivity

Enter Flight Number Activity	
EditFlightActivity Select flight	EditFlightActivity

Main Activity	
Login ClientActivity AdminActivity	ClientActivity AdminActivity clientManager flightManager

Search Flight Activity	
Search Flights	SelectflightActivity

Select Flight

Select flights View flight	
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Select Itinerary Activity	
ViewItineraryActivity Sort itinerary Select itinerary	ViewItineraryActivity

Upload Data Activity	
Upload clients from a CSV file UploadFlights from a CSV file	

View Booked Itineraries	
Select itineraries	

View Itinerary Flights	
View flights	