

User		Client,
Admin		
password username authenticate user load list of users user type set billing set personal set flight get billing get personal get flight	Personal Billing Flight	

Admin		User
upload flight upload personal upload billing view client info view search by time view search by cost	Client Flight Billing	

Client		User
username password add personal info view personal info add billing info view billing info view search by time view search by cost search itinerary book flights	Flight	

InvalidPasswordException	
gives a message about the exception	

UserNotRegisteredException	
gives a message about the exception	

FlightManager	
dateTimeToInt flightMapToArray getDateTime getFileLineNum getFlightInfo getTravelTime getTravelTimeToInt getTravelTimeToString readFile readFileCSVFile saveItineraries setFlights sortByCost sortByTravelTime	

Personal		PersonalManager
enter first name enter last name enter email enter address book flights		Flight

PersonalManager		Personal
create new file read from CSV file print personal information add personal information in the file save to CSV file		

BillingManager	
Billing	
enter last name enter first name enter address enter email enter credit card number enter expiredate enter id	

BillingManager	
	Billing
read from CSV file print billing info add billing info save to CSV file get billing info	

Flight	
flight Number departure date departure time arrival date arrival time airline origin destination travel time cost get seats set seats	

UserManager	
authenticate user load list of users read from CSV file print users add users save to CSV file	User

AdminActivity		Activity
start search flight start search itinerary		User

ClientActivity		Activity
start search flight start search itinerary start billing information view flights		User

DisplayBillingActivity		Activity
save billing information		

DisplayBookedActivity		Activity
display transfers display booked flights		User

DisplayFlightsActivity		Activity
book flight display by time display by cost		User

DisplayItineraryActivity		Activity
book flights display transfers display flights		Flight User

DisplayPersonalActivity		Activity
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display first name display last name display email display address	Personal
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MainActivity		Activity
authenticate user start admin start client start sign up	UserManager ClientActivity User Admin	

Search Activity		Activity
display itinerary display flights	User DisplayItineraryActivity DisplayFlightsActivity	

UserSignUp		Activity
Register User save email save password	UserManager User Personal Billing Client Activity	