

Database

database load flight data load client data search itineraries search itineraries by cost search itineraries by time get flights from date get client get number of nodes	FlightGraph FlightInformation Itinerary Client Constants FlightInfoParser Assertions
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FlightGraph

add flight search for itineraries search itinerary by parameter populate list of flights get valid itinerary list from a node migrate complete itineraries find flight permutations get flights from date get number of nodes	Constants Assertions
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FlightInformation	
within departure time is on same departure day as get flight number get departure date time get arrival date time get airline get origin get destination get cost	Constants Assertions

FlightNode	
add connection mark visited unmark visited is not visited get name get flight data	Assertions

Itinerary	
list of flights total travel time minutes convert list to itinerary list get travel time minutes get total cost get list of flights	Assertions

ItineraryBuilder	
add get last destination get last arrival time get last get list	Assertions

abstract	
User	
Client	
search flights search itineraries book itineraries upload client info upload flight info view stored client info	Assertions FlightGraph FlightInformation Itinerary

User	
Client	
get last name set last name get first name set first name get email set email get address set address get credit card number set credit card number get expiry date set expiry date add to csv wipe csv	Database Assertions Constants DoublyHashedUniqueLinkedList UniqueLinkedList

CsvParser	
FlightInfoParser	
get info parser	

CsvParser	
FlightInfoParser	
get flight info info to flight info	FlightInformation

MainActivity		AppCompatActivity
create screen create options menu on options item selected on click		

Driver		
upload client info upload flight info get client get flights get itineraries get itineraries sorted by cost getItineraries sorted by time		