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| --- | --- |
| Abstract  Users  Clients, Admin | |
| * getFlights * getValidFlights * createItinerary * getPersonalInformation * storeData | -Itinerary |

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| --- | --- |
| Users  Client | |
| * getPersonalInfo * CreditCardNum * ExpiryDate * viewBookedItineraries * bookedItineraries | -Itinerary  -Admin |

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| --- | --- |
| Users  Admin | |
| * uploadClientInfo * uploadFlightInfo * editFlightInfo * editClientInfo * getClients | -Client  -Itinerary |

|  |  |
| --- | --- |
| Itinerary | |
| * validItinerary * getItinerary * travelOrigin * travelDestination * totalCost * totalTravelTime * departureDate | -Flight  -Client  -Admin |

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| --- | --- |
| Flight | |
| * flightNumber * departureDate&Time * arrivalDate&Time * airline * origin * destination * cost * travelTime * number of seats available (setter and getter) * bookableFlight method | -Itinerary |

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| --- | --- |
| Comparator  CostComparator | |
| * compareItineraryTotalCost | -Itinerary  -Client |

|  |  |
| --- | --- |
| Comparator  TimeComparator | |
| * compareItineraryTotalTime | -Itinerary  -Client |

|  |  |
| --- | --- |
| Launcher | |
| Username  Password  Load all data (all flights,etc)  Load up GUI | User  Admin  Client  Flight  Itinerary |