

# TravelPigeon API CRC

January 21, 2020

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|---|---|--|
| <b>Class: Passenger</b><br>Superclass :<br>Subclasses(es): FirstClassPassenger<br>BuisnessClassPassenger<br>EconomyClassPassenger | <i>Booking Reference No.</i><br><i>Flight Code</i><br><i>CheckIn Status</i>   | <i>PassengerName Class</i><br><i>PassengerList Class</i>   |
| <b>Class: Baggage Abstract</b><br>Superclass(es):<br>Subclasses(es):  | <i>Weight</i><br><i>Volume (Dimensions)</i><br><i>Excess baggage free</i><br><i>factor(constant)</i><br><i>Excess baggage calculation</i>   | <i>AirLine Class</i><br><i>Passenger Class</i><br><i>AirLineList Class</i><br><i>PassengerList Class</i>                           |
| <b>Class: AirLine</b><br>Superclass(es):<br>Subclasses(es):   | <i>Destination</i><br><i>Carrier</i><br><i>Max baggage weight</i><br><i>Max baggage volume</i><br><i>Max number of passangers</i>   | <i>Baggage Class</i><br><i>PassengerList Class</i><br><i>AirLineList Class</i>   |
| <b>Class: PassengerName</b><br>Superclass(es):<br>Subclasses(es):   | <i>FirstName</i><br><i>LastName</i>   | <i>PassengerList Class</i><br><i>Passenger Class</i>   |
| <b>Class: Exception</b>   | <i>NoMatchingLastNameException</i><br><i>NoMatchingBookingRefNumberException</i><br><i>InvalidBookingRefNumberException</i>   | <i>PassengerList Class</i>   |
| <b>Class: AirLineList</b><br>Superclass(es):<br>Subclasses(es):   | <i>Holds information on AirLine</i><br><i>(Destination</i><br><i>Carrier</i><br><i>Max baggage weight</i><br><i>Max baggage volume</i><br><i>Max number of passangers)</i>  | <i>Baggage Class</i><br><i>AirLine Class</i>   |
| <b>Class: PassengerList</b><br>Superclass(es):<br>Subclasses(es):   | <i>Holds information on</i><br><i>Passangers, Baggage and</i><br><i>AirLine</i>   | <i>Passenger Class</i><br><i>PassengerName Class</i><br><i>PassengerList Class</i><br><i>Baggage Class</i><br><i>AirLine Class</i> |
| <b>Class: Comparator</b>  | <i>LastName</i><br><i>BookingRefNumber</i>  | <i>PassengerList Class</i>   |
| <b>Class: GUI</b>   | <i>Input Last Name, Booking</i><br><i>reference number,</i><br><i>Baggage dimensions and</i><br><i>weight</i>   | <i>Baggage Class</i><br><i>PassengerList Class</i>   |
| <b>Class: FirstClassPassenger</b><br>Superclass(es): Passenger<br>Subclasses(es):   | <i>Booking Reference No.(inhereted)</i><br><i>Flight Code(inhereted)</i><br><i>CheckIn Status (inhereted)</i><br><i>Max Weight Allowance (constant)</i><br><i>Max Volume Allowance (constant)</i>                               | <i>PassengerList Class</i><br><i>Passenger</i>   |
| <b>Class: BuisnessClassPassenger</b><br>Superclass(es): Passenger<br>Subclasses(es):  | <i>Booking Reference No.(inhereted)</i><br><i>Flight Code(inhereted)</i><br><i>CheckIn Status (inhereted)</i><br><i>Max Weight Allowance (constant)</i><br><i>Max Volume Allowance (constant)</i>                               | <i>PassengerList Class</i><br><i>Passenger</i>   |
| <b>Class: EconomyClassPassanger</b><br>Superclass(es): Passanger<br>Subclasses(es):   | <i>Booking Reference</i><br><i>No.(inhereted)</i><br><i>Flight Code(inhereted)</i><br><i>CheckIn Status (inhereted)</i><br><i>Max Weight Allowance</i><br><i>(constant)</i><br><i>Max Volume Allowance</i><br><i>(constant)</i> | <i>PassengerList Class</i><br><i>Passenger</i>   |