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com.booking

Class FlightEntity

java.lang.Object
      com.booking.FlightEntity

```
public class FlightEntity
extends java.lang.Object
```

The Entity class that maps to the flight-route-schedule.csv file. All transactions that deal with flights, flight prices, schedules and the associated data are done here.

Field Summary

Fields

Modifier and Type	Field and Description
private java.io.BufferedReader	**reader** A BufferedReader object that allows the class to read from files.
private java.lang.String	**scheduleFile** A quick reference to the flight database file.
private java.io.PrintWriter	**writer** A PrintWriter object that allows the class to write to files.

Constructor Summary

Constructors

Constructor and Description
FlightEntity() Default constructor.

Method Summary

Methods

Modifier and Type	Method and Description
void	**addFlight**(**Flight** flight) Adds a flight to the database
void	**deleteFlight**(java.lang.String flight_id) Deletes a flight from the database.
void	**editFlight**(**Flight** flight) Edits a flight in the database.

java.util.List<**Flight**>	**getAllFlights**() Gets all flights.
Flight	**getFlight**(java.lang.String flight_id) Gets a Flight object based on the given flight ID.
java.util.List<**Flight**>	**getFlights**(int routeNumber) Gets a List of Flight objects based on the given route number.
double[]	**getSeatPrices**(java.lang.String flight_id) Gets the seats prices of the flight.
void	**setFlightPrice**(java.lang.String flight_id, java.lang.String seat_class, double price)
void	**setSeatPrice**(java.lang.String flight_id, double[] prices) Sets the seat price of a flight.
void	**updateAvailableSeats**(java.lang.String flight_id, int[] available_seats) Updates the available seats of a particular flight.

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

scheduleFile

private java.lang.String scheduleFile

A quick reference to the flight database file.

reader

private java.io.BufferedReader reader

A BufferedReader object that allows the class to read from files.

writer

private java.io.PrintWriter writer

A PrintWriter object that allows the class to write to files.

Constructor Detail

FlightEntity

public FlightEntity()

Default constructor.