

com.booking

Class BookingEntity

java.lang.Object
com.booking.BookingEntity

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

The Entity class that maps to the booking .csv files. .csv files: booking_constants.csv, booking.csv, tickets.csv, services_booked.csv
All transactions that deal with bookings and the associated data such as tickets and services booked are done here.

Field Summary

Fields

Modifier and Type	Field and Description
private java.lang.String	bookingConstantsFile A quick reference to the discount database file.
private java.lang.String	bookingFile A quick reference to the bookings database file.
private java.io.BufferedReader	reader A BufferedReader object that allows the class to read from files.
private java.lang.String	serviceFile A quick reference to the services booked database file.
private java.lang.String	ticketsFile A quick reference to the tickets database file.
private java.io.PrintWriter	writer A PrintWriter object that allows the class to write to files.

Constructor Summary

Constructors

Constructor and Description
BookingEntity() Default constructor

Method Summary

Methods

Modifier and Type	Method and Description
void	cancelBooking (int booking_id) Cancels a booking.
java.util.List<Booking>	getAllBookings () Gets all bookings.
java.util.List<ServiceBooking>	getAllServicesBooked () Gets all the service bookings that have been made.
java.util.List<Booking>	getBookings (java.lang.String username)

	Gets all bookings associated with a particular username.
java.util.List<Booking>	getBookingsForFlight (java.lang.String flight_id) Gets the bookings for a particular flight ID.
double	getCancellationFee () Gets the cancellation fee.
java.util.List<Person>	getCustomers (java.lang.String flight_id) Gets all customers and persons that are on a particular flight
double	getDiscountRatio () Called to get the discount ratio of the frequent flier points.
java.util.List<ServiceBooking>	getServicesBooked (int booking_id, int ticket_id) Gets the services booked for the ticket with the corresponding booking ID and ticket ID.
java.util.List<Ticket>	getTickets (int booking_id) Gets all bookings associated with a particular booking ID.
void	saveBooking (java.lang.String flight_id, java.util.List<Ticket> tickets, java.util.List<ServiceBooking> services_booked) Is called to save a booking to database.
void	setCancellationFee (double cancellation_fee) Sets the cancellation fee.
void	setDiscountRatio (double ratio) Called to set the discount ratio of the frequent flier points to database.
void	updateServicesBooked (java.util.List<ServiceBooking> service_bookings) Updates the bookings of a particular ticket.

Methods inherited from class java.lang.Object
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Field Detail

bookingConstantsFile
private java.lang.String bookingConstantsFile A quick reference to the discount database file.
bookingFile
private java.lang.String bookingFile A quick reference to the bookings database file.
ticketsFile
private java.lang.String ticketsFile A quick reference to the tickets database file.
serviceFile
private java.lang.String serviceFile A quick reference to the services booked database file.
reader
private java.io.BufferedReader reader