com.profile

Class ProfileEntity

java.lang.Object
        com.profile.ProfileEntity

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

The Entity class that maps to the various .csv files that pertain to user, staff and person accounts. .csv files: userAccount.csv, userDetail.csv and otherPersons.csv

Field Summary

Fields

Modifier and Type	Field and Description
private java.lang.String	**accountFile** A quick reference to the userAccount database file.
private java.lang.String	**detailsFile** A quick reference to the userDetail database file.
private java.lang.String	**personFile** A quick reference to the otherPersons database file.
private java.io.BufferedReader	**reader** A BufferedReader object that allows the class to read from files.
private java.io.PrintWriter	**writer** A PrintWriter object that allows the class to write to files.

Constructor Summary

Constructors

Constructor and Description
ProfileEntity() Default constructor.

Method Summary

Methods

Modifier and Type	Method and Description
int	**addPerson**(**Person** person) Adds a person who is external to the system to the database.
java.lang.String	**canUserFly**(java.lang.String username) Gets the fly status of a particular user.
void	**chargeAccount**(java.lang.String username, double price) Charges the price to the user's account.
boolean	**checkUsernames**(java.lang.String[] usernames) Checks an array of usernames against the existing usernames in the system.
void	**closeAccount**(java.lang.String username) Closes the account/profile of the given username.

boolean	**createStaffProfile**(**Staff** staff) Saves a new Staff to the database.
void	**editStaffProfile**(**Staff** staff) Saves an updated Staff object to the database.
void	**editWatchAndNoFlyList**(java.lang.String username, java.lang.String status) Allows the user to edit the watch and no fly list for a particular user.
java.util.Map.Entry<**Person**,java.lang.Integer>	**getAccountDetails**(java.lang.String username) Gets the account details for a particular username.
int	**getFrequentFlierPoints**(java.lang.String username) Gets the frequent flier points for a particular user.
char[]	**getPassword**(java.lang.String username) Gets the password for a particular user.
Staff	**getStaff**(java.lang.String username) Gets a Staff object based on the given username.
java.lang.String	**login**(java.lang.String username, char[] password) Allows the user to login.
void	**savePassword**(java.lang.String username, char[] password) Saves a password for a particular user.
void	**setAccountDetails**(java.lang.String username, **Person** account, int frequentFlierPoints) Sets the account details for a particular Person.
void	**setFrequentFlierPoints**(java.lang.String username, int points) Sets the frequent flier points for a given user.
boolean	**signUp**(**Customer** user) Saves a new Customer object to the database.

Methods inherited from class java.lang.Object

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

Field Detail

accountFile

private java.lang.String accountFile

A quick reference to the userAccount database file.

detailsFile

private java.lang.String detailsFile

A quick reference to the userDetail database file.

personFile

private java.lang.String personFile

A quick reference to the otherPersons database file.

reader

private java.io.BufferedReader reader

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

writer