

com.profile

Class ProfileController

java.lang.Object
com.profile.ProfileController

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

This class provides methods pertaining to any required functionality and processing that is related to profiles and accounts.

Field Summary

Fields

Modifier and Type	Field and Description
private java.io.Console	console Console object to use the standard in from the console.
private java.util.Scanner	in Scanner object to use the standard in from the console.
private ProfileEntity	pe ProfileController requires the ProfileEntity class to write/read data to the database.

Constructor Summary

Constructors

Constructor and Description
ProfileController() Default constructor

Method Summary

Methods

Modifier and Type	Method and Description
int	addPerson(Person person) Adds a new Person who is external to the system to the database.
java.lang.String	canUserFly(java.lang.String username) Returns the user's fly status.
void	changePassword(java.lang.String username) An interface method that allows users to change their password.

void	chargeAccount (java.lang.String username, double price) Charges the price to the user's account.
private boolean	checkUsernames (java.lang.String[] usernames) A private method that sends the given String array to the PersonEntity class to check whether those usernames are valid or not.
void	closeAccount () Method for the profile system manager to close a user's account.
boolean	closeAccount (java.lang.String username) Actual method that closes the user's account.
void	createStaffProfile () Allows the System Administrator to create a new staff profile.
void	editAccount () Method for the profile system manager to edit a user's account.
void	editAccount (java.lang.String username, boolean isCustomer) This method is accessed directly when the user wants to edit their own account.
void	editStaffProfile () Allows the System Administrator to edit a staff profile.
void	editWatchAndNoFlyList () Allows the profile system manager and reservation system manager to edit the watch and no fly list.
private int	enterFrequentFlierPoints () UI method to allow the user to change the user's frequent flier points.
private java.lang.String	enterRole () UI method to allow the user to enter a role.
java.lang.String	enterUsername () An interface method that allows users to enter a single username with validation.
java.lang.String[]	enterUsernames () An interface method that allows users to enter multiple username with validation.
int	getFrequentFlierPoints (java.lang.String username) Gets the frequent flier points for a particular user.
java.lang.String	login (java.lang.String username, char[] password) Login method.
void	setFrequentFlierPoints (java.lang.String username, int points) Sets the frequent flier points for a particular user.
boolean	signUp (Customer user) Signup method.

Methods inherited from class java.lang.Object

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

Field Detail

in

private java.util.Scanner in