

Class Users

java.lang.Object  
Users

public class Users  
extends java.lang.Object

Field Summary

Fields

Modifier and Type	Field and Description
(package private) User	<code>u</code>
private java.util.ArrayList<User>	<code>userList</code>

Constructor Summary

Constructors

Constructor and Description
<code>Users()</code>

Method Summary

All Methods

Instance Methods

Concrete Methods

Modifier and Type	Method and Description
int	<code>addKeywordToUser</code> (java.lang.String username, java.lang.String keyword) A user would be given a list of keywords that are in the database associated with projects
java.util.ArrayList<java.util.ArrayList<java.lang.String>>	<code>findKeywordsByUser</code> (java.lang.String username) find all keywords given a username
java.util.ArrayList<java.util.ArrayList<java.lang.String>>	<code>findUserByName</code> (java.lang.String userName) find users in the database by a given name
java.util.ArrayList<java.util.ArrayList<java.lang.String>>	<code>findUserByProjID</code> (int projID) find all users given a projID
java.util.ArrayList<java.util.ArrayList<java.lang.String>>	<code>findUserByUsername</code> (java.lang.String userUserName) finds any user in the database by a given username
java.util.ArrayList<java.util.ArrayList<java.lang.String>>	<code>findUserByUserType</code> (java.lang.String userType) finds any user in the database by a given userType
java.util.ArrayList<java.util.ArrayList<java.lang.String>>	<code>findUsersByKeyword</code> (java.lang.String userKeyword) finds any users in the database that are associated with a given keyword
boolean	<code>login</code> (java.lang.String username, java.lang.String password) Checks to see if user is a user
boolean	<code>logout</code> (java.lang.String username) takes a user data object and logs off
int	<code>userEditPassword</code> (java.lang.String username, java.lang.String password, java.lang.String newPassword) edit password in User table in database

Methods inherited from class java.lang.Object

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

Field Detail

<code>userList</code>
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private java.util.ArrayList<User> userList

**u**

User u

**Constructor Detail****Users**

```
public Users()
```

**Method Detail****findUserByName**

```
public java.util.ArrayList<java.util.ArrayList<java.lang.String>> findUserByName(java.lang.String userName)
```

find users in the database by a given name

**Parameters:**

String - userName

**Returns:**

ArrayList< of users

**findUsersByKeyword**

```
public java.util.ArrayList<java.util.ArrayList<java.lang.String>> findUsersByKeyword(java.lang.String userKeyword)
```

finds any users in the database that are associated with a given keyword

**Parameters:**

userKeyword -

**Returns:**

ArrayList< of users

**findUserByUsername**

```
public java.util.ArrayList<java.util.ArrayList<java.lang.String>> findUserByUsername(java.lang.String userUserName)
```

finds any user in the database by a given username

**Parameters:**

userUserName -

**Returns:**

ArrayList< of users

**findUserByUserType**

```
public java.util.ArrayList<java.util.ArrayList<java.lang.String>> findUserByUserType(java.lang.String userType)
```

finds any user in the database by a given userType

**Parameters:**

String - userType

**Returns:**

ArrayList< of users

**addKeywordToUser**

```
public int addKeywordToUser(java.lang.String username,  
                           java.lang.String keyword)
```

A user would be given a list of keywords that are in the database associated with projects

**Parameters:**

String - username

String - keyword

**Returns:**

int 1 if success, 0 if fail;

**findKeywordsByUser**

```
public java.util.ArrayList<java.util.ArrayList<java.lang.String>> findKeywordsByUser(java.lang.String username)
```

find all keywords given a username

**Parameters:**

String - username

**Returns:**

ArrayList< of users

**findUserByProjID**

```
public java.util.ArrayList<java.util.ArrayList<java.lang.String>> findUserByProjID(int projID)
```

find all users given a projID

**Parameters:**

projID -

**Returns:**

ArrayList< of users

**login**

```
public boolean login(java.lang.String username,  
                    java.lang.String password)
```

Checks to see if user is a user

**Parameters:**

user -

password -

**Returns:**

boolean

**logout**

```
public boolean logout(java.lang.String username)
```

takes a user data object and logs off

**Parameters:**

user - the user that is logging off

**Returns:**

true if log off successful, false otherwise

**userEditPassword**

```
public int userEditPassword(java.lang.String username,  
                          java.lang.String password,  
                          java.lang.String newPassword)
```

edit password in User table in database

**Parameters:**

username - in User table in database

password - in User table in database

newPassword -

**Returns:**

int