

Class Users

java.lang.Object
Users

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

Field Summary

Fields	
Modifier and Type	Field and Description
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
void		<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<User>		<code>findUserByName</code> (java.lang.String userName) find users in the database by a given name
java.util.ArrayList<User>		<code>findUserByProjID</code> (int projID) find all users given a projID
java.util.ArrayList<User>		<code>findUserByUserID</code> (java.lang.String username) finds any user in the database by a given username
java.util.ArrayList<User>		<code>findUserByUsername</code> (java.lang.String userUserName) finds any user in the database by a given username
java.util.ArrayList<User>		<code>findUserByUserType</code> (java.lang.String userType) finds any user in the database by a given userType
java.util.ArrayList<User>		<code>findUsersByKeyword</code> (java.lang.String userKeyword) finds any users in the database that are associated with a given keyword
boolean		<code>login</code> (User user, java.lang.String password) Checks to see if user is a user
int		<code>userEditPassword</code> (User user, 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

userList	
private java.util.ArrayList<User> userList	

Constructor Detail**Users**

```
public Users()
```

Method Detail**findUserByName**

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

finds any user in the database by a given username

Parameters:

userUserName -

Returns:

ArrayList of users

findUserByUserID

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

finds any user in the database by a given username

Parameters:

String - username

Returns:

ArrayList of users

findUserByUserType

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

finds any user in the database by a given userType

Parameters:

String - userType

Returns:

ArrayList of users

addKeywordToUser

```
public void 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

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<User> findUserByProjID(int projID)
```

find all users given a projID

Parameters:

projID -

Returns:

ArrayList of users

login

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

Checks to see if user is a user

Parameters:

user -

password -

Returns:

boolean

userEditPassword

```
public int userEditPassword(User user,  
                             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