

Contents

Filter

Description

Constructor Summary

Method Summary

Constructor Details

HW4JUnitTest()

Method Details

testConstructor()

testRoleChange()

testGetUserName()

testGetPassword()

testGetRole()

testSuspendAndUnsuspendUser()

testCreateBroadcastMessage()

# Class HW4JUnitTest

java.lang.Object  
application.HW4JUnitTest

public class **HW4JUnitTest**  
extends **Object**

JUnit test cases for user generating, user suspending, staff reporting, and broadcast messaging

Version:

1.0

Author:

Matthew Lidstone

## Constructor Summary

### Constructors

Constructor	Description
<b>HW4JUnitTest()</b>	





## Method Summary

All Methods      Instance Methods

### Concrete Methods

Modifier and Type	Method	Description
void	<b>testConstructor()</b>	Tests that the User class constructor correctly initializes
void	<b>testCreateBroadcastMessage()</b>	Tests that the CreateBroadcastMessage method in the DatabaseHelper class functions correctly and creates a

message in the  
database

void	<b>testGetPassword()</b>	Tests that the getPassword method in the User class retrieves the correct password when called
		
void	<b>testGetRole()</b>	Tests that the getRole method in the User class retrieves the correct role when called
		
void	<b>testGetUserName()</b>	Tests that the getUserName method in the User class retrieves the correct username when called
		
void	<b>testRoleChange()</b>	Tests that the roleChange method in the User class correctly changes the role of the user
		
void	<b>testSuspendAndUns</b>	Tests that the suspendUser method in the DatabaseHelper class functions correctly and suspends the correct user

### Methods inherited from class java.lang.Object

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

## ***Constructor Details***

### **HW4JUnitTest**

```
public HW4JUnitTest()
```

## ***Method Details***

### **testConstructor**

```
public void testConstructor()
```

Tests that the User class constructor correctly initializes

### **testRoleChange**

```
public void testRoleChange()
```

Tests that the roleChange method in the User class correctly changes the role of the user

### **testGetUserName**

```
public void testGetUserName()
```

Tests that the getUsername method in the User class retrieves the correct username when called

### **testGetPassword**

```
public void testGetPassword()
```

Tests that the getPassword method in the User class retrieves the correct password when called

### **testGetRole**

```
public void testGetRole()
```

Tests that the getRole method in the User class retrieves the correct role when called

**testSuspendAndUnsuspendUser**

```
public void testSuspendAndUnsuspendUser()
```

Tests that the `suspendUser` method in the `DatabaseHelper` class functions correctly and suspends the correct user

**testCreateBroadcastMessage**

```
public void testCreateBroadcastMessage()
```

Tests that the `CreateBroadcastMessage` method in the `DatabaseHelper` class functions correctly and creates a message in the database