

Class JUnitTest

java.lang.Object
application.JUnitTest

```
@TestMethodOrder(org.junit.jupiter.api.MethodOrderer.OrderAnnotation.class)
public class JUnitTest
extends Object
```

JUnit tests for the StaffTestable class to verify staff role permissions including: - Deleting reviews by index - Deleting questions and answers - Sending private messages to instructors - Viewing messages exchanged between students and reviewers Author: Muzzamil Jolaade
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Constructor Summary

Constructors

Constructor	Description
JUnitTest()	

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods
Modifier and Type	Method		Description
static void	setup()		Initializes database connection and creates necessary users before tests.
static void	tearDown()		Closes database connection.

void	testDeleteAnswer()	Tests whether staff can delete a dummy answer.
void	testDeleteQuestion()	Tests whether staff can delete a dummy question.
void	testDeleteReviewByIndex()	Tests whether staff can delete a review from a review list.
void	testGetStudentReviewerMessage	Tests if staff can fetch only messages between students and reviewers.
void	testSendMessageToInstructor()	Tests whether staff can send a private message to an instructor.

Methods inherited from class java.lang.Object

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

Constructor Details

JUnitTest

```
public JUnitTest()
```

Method Details

setup

```
@BeforeAll  
public static void setup()  
    throws SQLException
```

Initializes database connection and creates necessary users before tests.

Throws:

SQLException

testSendMessageToInstructor

```
@Test  
@Order(1)  
public void testSendMessageToInstructor()  
    throws SQLException
```

Tests whether staff can send a private message to an instructor.

Throws:

SQLException

testGetStudentReviewerMessagesOnly

```
@Test  
@Order(2)  
public void testGetStudentReviewerMessagesOnly()  
    throws SQLException
```

Tests if staff can fetch only messages between students and reviewers.

Throws:

SQLException

testDeleteReviewByIndex

```
@Test
@Order(3)
public void testDeleteReviewByIndex()
    throws SQLException
```

Tests whether staff can delete a review from a review list.

Throws:

SQLException

testDeleteQuestion

```
@Test
@Order(4)
public void testDeleteQuestion()
    throws SQLException
```

Tests whether staff can delete a dummy question.

Throws:

SQLException

testDeleteAnswer

```
@Test
@Order(5)
public void testDeleteAnswer()
    throws SQLException
```

Tests whether staff can delete a dummy answer.

Throws:

SQLException

tearDown

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testDeleteReviewByIndex()  
testDeleteQuestion()  
testDeleteAnswer()  
tearDown()
```

```
@AfterAll  
public static void tearDown()  
  
Closes database connection.
```

