

## Class Staff

java.lang.Object  
application.Staff

### All Implemented Interfaces:

application.Role

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```
public class Staff
extends Object
implements application.Role
```

The Staff class defines the interface and core functionalities available to users with the "staff" role. Staff members have extended permissions that allow them to manage system content and user accounts. These features include viewing student-reviewer messages, deleting content, changing roles, and sending private messages to instructors. Core functionalities include: - Viewing private messages between students and reviewers - Deleting user-submitted reviews - Viewing and deleting all questions and answers - Sending private messages to instructors - Managing user roles by updating role codes - Navigating the main staff interface This class interacts with the database through the DatabaseHelper class. Each UI component is built using JavaFX and displayed through the main application stage.  
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### Constructor Summary

#### Constructors

##### Constructor

##### Staff

(databasePart1.DatabaseHelper databaseHelper) Constructs a Staff interface with a reference to the database helper.

### Method Summary

## All Methods    Instance Methods    Concrete Methods

Modifier and Type	Method	Description
void	<b>manageUserRoles</b> (javafx.stage.Stage primarySt	Allows the staff member to assign or update the role of any user.
void	<b>sendMessageToInstructor</b> (javafx.stage.Stage primarySt application.User sender)	Allows staff members to send a private message to an instructor.
void	<b>showAllContent</b> (javafx.stage.Stage primarySt	Displays all questions and their answers in the system.
void	<b>showAllMessages</b> (javafx.stage.Stage primarySt	Displays all private messages exchanged between students and reviewers.
void	<b>showDeleteReviews</b> (javafx.stage.Stage primarySt	Displays all user reviews and allows the staff member to delete selected reviews.
void	<b>showPage</b> (javafx.stage.Stage stage)	Default implementation for showPage from the Role interface.
void	<b>showPage</b> (javafx.stage.Stage primarySt application.User user)	Displays the main staff homepage with access to all role-based features.

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

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

## Constructor Details

### Staff

```
public Staff(databasePart1.DatabaseHelper databaseHelper)
```

Constructs a Staff interface with a reference to the database helper.

**Parameters:**

databaseHelper - used to manage all backend database operations

## Method Details

### showAllMessages

```
public void showAllMessages(javafx.stage.Stage primaryStage)
```

Displays all private messages exchanged between students and reviewers. Filters out other roles and duplicates, and labels users based on their role.

**Parameters:**

primaryStage - the main application window

### showDeleteReviews

```
public void showDeleteReviews(javafx.stage.Stage primaryStage)
```

Displays all user reviews and allows the staff member to delete selected reviews.

**Parameters:**

primaryStage - the main application window

## showAllContent

```
public void showAllContent(javafx.stage.Stage primaryStage)
```

Displays all questions and their answers in the system. Allows the staff to delete either questions or answers.

**Parameters:**

primaryStage - the main application window

## sendMessageToInstructor

```
public void sendMessageToInstructor(javafx.stage.Stage primaryStage,  
                                   application.User sender)
```

Allows staff members to send a private message to an instructor.

**Parameters:**

primaryStage - the main application window

sender - the current user sending the message

## manageUserRoles

```
public void manageUserRoles(javafx.stage.Stage primaryStage)
```

Allows the staff member to assign or update the role of any user. The new role is selected via a dropdown and mapped to a role code.

**Parameters:**

primaryStage - the main application window

## showPage

```
public void showPage(javafx.stage.Stage primaryStage,  
                    application.User user)
```

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Displays the main staff homepage with access to all role-based features.

**Parameters:**

primaryStage - the main application window

user - the currently logged-in user

**showPage**

```
public void showPage(javafx.stage.Stage stage)
```

Default implementation for showPage from the Role interface. Not used in this context.

**Specified by:**

showPage in interface `application.Role`

**Parameters:**

stage - the primary stage

