

### **select createUserOption**

**Description:**

An admin presses a button in the usermanagement view to access the function to create a new user, which enables the insertion of the username and the roles of a new account and autogenerates a password, which is needed at the first login of the new account.

**Precondition:**

The user is logged in as an admin and opened the usermanagement tab.

**Postcondition:**

Highlights the textboxes and checkboxes, so that the admin can insert the new username and set which roles the new user should have. Also it generates the password with which the new user can login for the first time and then set a new one.

**Returns:**

The password for the first login of the new user.

**Exceptions:**

Doesn't throw an exception.

**Result:**

Enables the insertion of the username and the roles of a new account and autogenerates a password, which is needed at the first login of the new account.

**Type:**

Systemoperation

**References:**

createUser(newUsername, newRoles)

**Comment:**

Needs to happen before the admin can insert the data for the new user.

### **createUser(newUsername, newRoles)**

**Description:**

Creates a new user with the specified name and roles.

**Precondition:**

The user is logged in as an admin, open the usermanagement tab, clicked on the button to create a new user, after that filled out the username textbox, marked the checkboxes to determine which roles the new user can have and pressed the last button to commit.

**Postcondition:**

Creates new user in the database with the specified username and roles.

**Returns:**

Nothing

**Exceptions:**

Throws exception if the username already exists or no roles are selected.

**Result:**

New user is created which can login to the app for the first time with the autogenerated password to set a new one.

**Type:**

Systemoperation

**References:**

select createUserOption

**Comment:**