# Notifications

## Test Case 1: Register

Precondition: Correct details entered to successfully register.

Post-condition: Registration was a success. No email was received.

Expected result: Email sent to the given email address to inform the user that the registration was a success.

# Feedback

## Test Case 1: Login with correct data

Precondition: The correct user details are entered, the user login button is pressed.

Post-condition: The login was a success. The user is navigated to the home page.

Expected result: Successful login accompanied by a message from the website indicating that the user logged in successfully.

## Test Case 2: Login with incorrect data

Precondition: Incorrect user details are used in order to login.

Post-condition: Login was a not a success. A message is displayed to the user that their login details are not correct.

Expected result: Unsuccessful login accompanied with a message to indicate why.

## Test Case 3: Register with correct data

Precondition: Correct data is given in order to successfully register.

Post-condition: Registration was a success. A message is displayed to the user to indicate that they have successfully registered and will now be able to log into the application.

Expected result: Successful registration accompanied with a message to indicate this.

## Test Case 4: Register with incorrect data

Precondition: Incorrect data is used to register.

Post-condition: Register button greys out when incorrect data is given and user is not able to register until correct data is entered.

Expected result: Registration not successful accompanied by a message or feedback to indicate why.

## Test Case 5: Update Account details

Precondition: New data is entered to update account details.

Post-condition: The user details are updated however no message is displayed to inform the user.

Expected result: A notification should be displayed to indicate that the account details were successfully updated.

## Test Case 6: Save route

Precondition: A user requests to save a route.

Post-condition: The route is saved. No feedback is given.

Expected result: A message displayed to the user to indicate that the route was successfully saved.

## Test Case 7: Save point of interest

Precondition: A user requests to save a point of interest.

Post-condition: The point of interest is saved and a message is displayed to the user to indicate this.

Expected result: A message should be displayed to indicate that the point of interest was successfully saved.

## Test Case 7: Log out

Precondition: A user requests to log out of the application.

Post-condition: The user is logged out of the website and returned to the login page, no message is displayed.

Expected result: A message should be displayed to indicate that the user successfully logged out of the website.

## Test Case 8: Log out

Precondition: A user requests to log out of the application.

Post-condition: The user is logged out of the website and returned to the login page, no message is displayed.

Expected result: A message to display that the user successfully logged out of the website.

## Test Case 9: Delete GIS object

Precondition: An admin requests to delete a GIS object.

Post-condition: The GIS object is deleted and a message is displayed to confirm it was deleted successfully.

Expected result: A message is displayed to indicate that the GIS object was deleted.

## Test Case 9: Save changes to GIS object

Precondition: An admin makes changes to a GIS object and requests to save these changes.

Post-condition: The changes to the GIS object is made, no message is displayed.

Expected result: A notification is displayed to indicate the changes were saved.

## Test Case 11: Add location

Precondition: An admin wants to add a location.

Post-condition: The location is added successfully. A notification is displayed to confirm this.

Expected result: A notification is displayed to inform the user that the location was successfully added.

## Test Case 12: Remove a location

Precondition: An admin requests to remove a location.

Post-condition: The location is removed and a message is displayed to confirm this.

Expected result: A notification is displayed to show that the location was successfully removed.

## Test Case 13: Remove a location

Precondition: An admin requests to remove a location.

Post-condition: The location is removed and a message is displayed to confirm this.

Expected result: A notification is displayed to show that the location was successfully removed.

## Test Case 14: Add and remove admin rights

Precondition: An admin requests to add or remove the admin rights of a user.

Post-condition: Admin rights are added or removed from a user, no notification or other feedback is given to confirm this.

Expected result: A notification is displayed when admin rights are added or removed from a user.

## Test Case 15: Remove user

Precondition: An admin requests to remove a user.

Post-condition: The user is removed, no notification is displayed.

Expected result: A notification to be displayed when a user is removed.

# User Login

## Test Case 1: Login with correct data

Precondition: The correct user details are entered.

Post-condition: Login was a success.

Expected result: Successful login.

## Test Case 2: Login with no data entered

Precondition: No data is entered into the required login input boxes; the user login button is pressed.

Post-condition: Login was not successful.

Expected result: Login not successful.

## Test Case 3: Login with incorrect password

Precondition: A correct username is entered with an incorrect password.

Post-condition: Login was not successful.

Expected result: Login not successful.

## Test Case 4: Login with incorrect username and password

Precondition: An incorrect username and password are entered.

Post-condition: Login was not successful.

Expected result: Login not successful.