

FeedbackBounce

Test Cases

Test Case 1

Test Case #: 1

System: Web Application

Designed by: Adrian Gashi

Executed by: Adrian Gashi

Short Description: Test the survey response process from a student's perspective

Test Case Name: Survey response

Subsystem: User interface

Design Date: 2023-11-19

Execution Date: 2023-11-26

Pre-conditions

The student has access to the survey system.

The survey to be responded to is available and in a ready state.

Step	Action	Expected System Response	Pass/Fail	Comment
1	Access the survey link or platform	The system should successfully load the survey without any issues.	Pass	
2	Review the survey questions for clarity.	Each question is clear and provides the correct corresponding response option (text input, drawing tool, or emoji selection).	Pass	
3	For a write-in question, enter the appropriate text in the response field.	When text is entered into a write-in response field, the system displays the text as part of the response.	Pass	
4	For a drawing question, use the provided tools to create a drawing in the response area.	After using the drawing tool, the drawn image appears in the response area.	Pass	Fails on Webkit*
5	For an emoji question, select the appropriate emoji	Upon selecting an emoji, the chosen emoji is visibly confirmed as the selected response	Pass	

	from the available options.			
6	Submit the completed survey.	After submission, the system provides confirmation that the survey responses have been successfully submitted and recorded. And a 'Thank you' page appeared.	Pass	
	Check post-condition 1			
Post-conditions 1. The student's responses are recorded in the system and can be reviewed for confirmation				

Test Case 2

Test Case #: 2

Test Case Name: Language Change

System: Web Application

Subsystem: Localization

Designed by: Leo Härkönen

Design Date: 2023-11-19

Executed by: Leo Härkönen

Execution Date: 2023-11-26

Short Description: Ensure seamless, user-friendly service in chosen language with comprehensive support and adaptive interface based on language-specific features.

Pre-conditions

The user has access to a device such as a personal computer or a mobile phone.

The user has access to an internet connection.

The user is on the landing page of FeedbackBounce.

The user should have credentials to log in.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Check that there are 3 language options on the language menu	The language menu should have the following languages: English, Finnish & Arabic.	Pass	
2	Change language to Finnish using the menu	Content of the page should be in Finnish language.	Pass	
3	Change language to English using the menu	Content of the page should be in English language.	Pass	
4	Change language to Arabic using the menu	Content of the page should be in Arabic language. Layout direction should change to RTL.	Pass	
5	Navigate to Login page	Selected language should persist navigation. Login page should have	Pass	Fails on Firefox*

		a language selector dropdown.		
6	Navigate to sign up page	Selected language should persist navigation. Sign up page should have a language selector dropdown.	Pass	Fails on Firefox*
7	Navigate to a session page	Selected language should persist navigation. Session page should have a language selector dropdown.	Pass	Fails on Firefox*
8	Navigate to dashboard page	Selected language should persist navigation. Dashboard page should have a language selector dropdown.	Pass	Fails on Firefox*
9	Navigate to session results page	Selected language should persist navigation. Session results page should have a language selector dropdown.	Pass	Fails on Firefox*
10	Navigate to admin dashboard page	Selected language should persist navigation. Admin dashboard page should have a language selector dropdown.	Pass	Fails on Firefox*
13	Check post-condition 1		Pass	

Post-conditions

1. User should be on the admin dashboard.

Test Case 3

Test Case #: 3

Test Case Name: Login Feature UI Testing

System: Web Application

Subsystem: User Authentication

Designed by: Yamir Haque

Design Date: 2023-11-19

Executed by: Yamir Haque

Execution Date: 2023-11-16

Short Description: Test the UI of the login feature to ensure functionality, user-friendliness, and error handling

Pre-conditions

The user has opened the login page on the web application
No previous user is logged in.

Step	Action	Expected System Response	Pass/ Fail	Comment
1	Navigate to '/login' page	The login page is displayed	Pass	
2	Fill in 'Email' field with invalid email 'invalid-email'	Error message about incorrect email should be displayed after tabbing out	Pass	
3	Fill in 'Password' field with 'invalidPassword'	Error message about incorrect password should be displayed after tabbing out	Pass	
4	Press 'Enter' on 'Log in' button with invalid credentials	Stay on '/login' page and display login error message	Pass	
5	Fill in 'Email' field with valid email 's@example.edu'	No error message is displayed	Pass	
6	Fill in 'Password' field with 'password'.	No error message is displayed.	Pass	
7	Press 'Enter' on 'Log in' button with valid credentials.	Redirect to '/dashboard' page.	Pass	
8	Navigate to '/dashboard' page.	Dashboard page is displayed.	Pass	
9	Click 'Log out' button.	Redirect to root '/' page.	Pass	
10	Check post-condition 1 / After successful login, validate the session.	The user's session is started in the database and the user state is logged in.	Pass	
11	Check post-condition 2 / Attempt failed login and check logs.	The system logs the failed login attempts and does not compromise security.	Pass	
12	Check post-condition 3 / Inspect UI after failed login attempt.	The UI returns to the initial state after displaying error messages and no sensitive information is retained on the client side.	Pass	

Post-conditions

1. The user's correct login details are authenticated against the database.
2. Incorrect login attempts are logged for security purposes.
3. All user interface elements responds correctly to user input

Test Case 4

Test Case #: 4

Test Case Name: Survey Creation

System: Web Application

Subsystem: Survey Module

Designed by: Leo Härkönen

Design Date: 2023-11-19

Executed by: Leo Härkönen

Execution Date: 2023-11-26

Short Description: Test the UI of the survey creation feature to ensure users can create surveys without issues and the interface is intuitive and error-free.

Pre-conditions

The user is at the survey creation page with input fields for questions, options for answers, and a save button.

The user has permission to create surveys.

Step	Action	Expected System Response	Pass/Fail	Comment
1	Enter a survey question and set of answers	The question and answers are displayed for review.	Pass	
2	Leave a survey question blank	An error message indicating a question is required.	Pass	
3	Add a question and leave answer choices blank	An error message indicating answer choices are required.	Pass	
4	Save the survey with all required fields completed	Confirmation message that the survey has been saved.	Pass	

5	Attempt to save the survey with incomplete information	Error message indicating which fields need to be completed before saving.	Pass	
6	Check post-condition 1	The newly created survey is available for distribution or further editing.	Pass	Not visible in UI on Firefox on the test*
7	Check post-condition 2	The system has prevented the creation of a survey with incomplete information.	Pass	
8	Check post-condition 3	The user interface is reset to the initial state after saving or an error without retaining previous inputs	Pass	

Post-conditions

1. A new survey with the provided questions and answers is created in the database
2. Incomplete survey attempts are logged for follow-up
3. All user interface elements responds correctly to user input and guide the user through the survey creation process

* Some tests fail on Firefox and sometimes on WebKit because of timeout limitations on Playwright. We have manually tested that FeedbackBounce works on Firefox and WebKit.