

< Project 3 Black Box Test Plan Tool > Black Box Test Plan

Document Author(s): Noah Trimble, Walker Booth

Date: 4/1/2017

Introduction

The black box test plan tool program begins by displaying the BBTP user interface. This black box test plan includes various ways to interact with the program, both invalid and valid. It will test adding, removing, and editing test case lists, test cases, and testing types. Exporting and importing test case lists will not be emphasized because no test files have been provided yet. To start the program, simply run the GUI as a java application in Eclipse and follow the tests described by the plan. Most tests can be executed without closing the GUI if done in the order given.

Test ID	Description	Expected Results	Actual Results
Test 1: Start Up (Noah Trimble)	Preconditions: None Run BlackBoxToolGUI <i>Check results</i> Close GUI	There are four options at the top of the window, File , Test Case List , Test Cases , and, Testing Types . There are two buttons below that switch views, Testing Type and New List . The box section for test cases is empty except for the headers, ID, Description, Test Type, Creation Date, Last Tested Date, Tested?, Expected Re..., Actual Results, and Pass? The section with individual test case details is empty except for the headers. The bottom set of buttons are Add , Save , and Cancel . They are all greyed out.	There are four options at the top of the window, File , Test Case List , Test Cases , and, Testing Types . There are two buttons below that switch views, Testing Type and New List . The box section for test cases is empty except for the headers, ID, Description, Test Type, Creation Date, Last Tested Date, Tested?, Expected Re..., Actual Results, and Pass? The section with individual test case details is empty except for the headers. The bottom set of buttons are Add , Save , and Cancel . They are all greyed out.
Test 2: Rename test case list to an empty name (Noah Trimble)	Preconditions: Test 1 has passed Make sure you are in the New List window Click Test Case List Click Rename Test Case List Enter nothing in the new window and click Ok . <i>Check results</i>	A window appears with the message "Test Case List name cannot be empty or all whitespace."	A window appears with the message "Test Case List name cannot be empty or all whitespace."

	Close GUI		
Test 3: Rename test case list valid (Noah Trimble)	<p>Preconditions: Test 1 has passed</p> <p>Make sure you are in the New List window</p> <p>Click Test Case List</p> <p>Click Rename Test Case List</p> <p>Enter the following in the new window: Scrum Backlog</p> <p>Click Ok.</p> <p><i>Check results</i></p> <p>Close GUI</p>	The name of the task list has changed from New List to Scrum Backlog in the section of buttons that switch views.	The name of the task list has changed from New List to Scrum Backlog in the section of buttons that switch views.
Test 4: Add a test case list (Noah Trimble)	<p>Preconditions: Test 3 has passed</p> <p>Click Test Case List</p> <p>Click New Test Case List</p> <p><i>Check results</i></p> <p>Close GUI</p>	<p>A new tab is created with the label, New List.</p> <p>The new list is the currently selected test case list.</p>	<p>A new tab is created with the label, New List.</p> <p>The previous list, Scrum Backlog, is still selected.</p>
Test 5: Remove – testing types selected (Noah Trimble)	<p>Preconditions: Test 4 has passed</p> <p>Click on the Testing Type tab</p> <p>Click Test Case List</p> <p>Click Delete Test Case List</p> <p><i>Check results</i></p> <p>Close GUI</p>	A window appears with the message “Test Case List not selected.”	A window appears with the message “Test Case List not selected.”
Test 6: Remove test case list valid (Noah Trimble)	<p>Preconditions: Test 4 has passed</p> <p>Click on the New List tab</p> <p>Click Test Case List</p> <p>Click Delete Test Case List</p> <p>Click Yes in the confirmation window</p> <p><i>Check results</i></p> <p>Close GUI</p>	<p>The New List tab was removed so that only the Testing Type and Scrum Backlog tabs remain.</p> <p>The Scrum Backlog tab is currently selected.</p>	<p>The New List tab was removed so that only the Testing Type and Scrum Backlog tabs remain.</p> <p>The Scrum Backlog tab is currently selected.</p>
Test 7: Add testing types (Noah Trimble)	<p>Preconditions: Test 6 has passed</p> <p>Click Testing Types (at the top)</p> <p>Click Add Testing Type</p>	The new testing types, Boundary and Customer Requirements, are displayed under the Testing Type tab.	The new testing types, Boundary and Customer Requirements, are displayed under the Testing Type tab.

	<p>Enter the following information in the Testing Type Edit area:</p> <ul style="list-style-type: none"> • Name: Boundary • Description: Tests values at the boundary <p>Click Add</p> <p>Click Testing Types (at the top)</p> <p>Click Add Testing Type</p> <p>Enter the following information in the Testing Type Edit area:</p> <ul style="list-style-type: none"> • Name: Customer Requirements • Description: Tests values that the customer would use <p>Click Add</p> <p><i>Check results</i></p> <p>Close GUI</p>		
Test 8: Edit testing type (Noah Trimble)	<p>Preconditions: Test 7 has passed</p> <p>Make sure you are in the Testing Type tab</p> <p>Select the Boundary Value testing type that you just created.</p> <p>Change the following information in the Testing Type Edit area:</p> <ul style="list-style-type: none"> • Name: Boundary Value <p>Click Save</p> <p><i>Check results</i></p> <p>Close GUI</p>	The name of the Boundary testing type has been updated to Boundary Value in the Testing Type tab.	The name of the Boundary testing type has been updated to Boundary Value in the Testing Type tab.
Test 9: Delete testing type (Noah Trimble)	<p>Preconditions: Test 8 has passed</p> <p>Make sure you are in the Testing Type tab</p> <p>Select the Boundary Value testing type</p> <p>Click Testing Types (at the top)</p> <p>Click Delete Testing Type</p> <p>Click Yes in the confirmation window</p> <p><i>Check results</i></p> <p>Close GUI</p>	The Boundary Value testing type has been removed so that only the Customer Requirements testing type remains in the Testing Type tab.	The Boundary Value testing type has been removed so that only the Customer Requirements testing type remains in the Testing Type tab.

Test 10: Add test case (Noah Trimble)	<p>Preconditions: Test 9 has passed</p> <p>Click on the Scrum Backlog tab</p> <p>Click Test Cases</p> <p>Click Add New Test Case</p> <p>Enter the following information in the Test Case Edit area:</p> <ul style="list-style-type: none"> • Testing Type: Customer Requirements • Test Creation Date and Time: Thu Mar 02, 2017 15:02 • Description: Preconditions: Tasks have been added Make sure no task is selected. If a task was accidentally selected, restart the GUI. Click Delete Selected Task Check results Close GUI • Expected Results: A window appears with the message "No task selected." <p>Click Add</p> <p><i>Check results</i></p> <p>Close GUI</p>	<p>The newly created test case shows up in the Scrum Backlog tab with the information entered under the appropriate headers.</p> <p>The Test Case ID is set to TL1-TC1.</p> <p>The Lasted Tested Date, and Actual Results headers remain empty. Tested? is false and Pass? is false.</p>	<p>The newly created test case shows up in the Scrum Backlog tab with the information entered under the appropriate headers.</p> <p>The Test Case ID is set to TCL1-TC1.</p> <p>The Lasted Tested Date, and Actual Results headers remain empty. Tested? is false and Pass? is false.</p>
Test 11: Remove test case – none selected (Noah Trimble)	<p>Preconditions: Test 10 has passed</p> <p>Make sure you are in the Scrum Backlog tab</p> <p>Make sure no test case is selected. If a test case was accidentally selected, restart the GUI.</p> <p>Click Test Cases</p> <p>Click Delete Test Case</p> <p><i>Check results</i></p> <p>Close GUI</p>	<p>A window appears with the message "Test Case not selected."</p>	<p>A window appears with the message "Test Case not selected."</p>
Test 12: Edit test case (Noah Trimble)	<p>Preconditions: Test 10 has passed</p> <p>Click on the only test case in the Scrum Backlog tab (ID: TL1-TC1)</p> <p>Enter the following information in the Test Case Edit area:</p> <ul style="list-style-type: none"> • Click the check box next to Tested? • Lasted Tested Date & Time: Sat Mar 19, 2017 15:13 	<p>The updated test case information shows up in the Scrum Backlog tab with the information entered under the appropriate headers.</p>	<p>Note: Test case edit window does not appear at first.</p> <p>The updated test case information shows up in the Scrum Backlog tab with the information entered under the appropriate headers.</p>

	<ul style="list-style-type: none"> Actual Results: A window appears with the message "No task selected." Click the check box next to Passed? <p>Click Save</p> <p><i>Check results</i></p> <p>Close GUI</p>		
Test 13: Remove test case (Noah Trimble)	<p>Preconditions: Test 12 has passed</p> <p>Click on the only test case in the Scrum Backlog tab (ID: TL1-TC1)</p> <p>Click Test Cases</p> <p>Click Delete Test Case</p> <p>Click Yes in the confirmation window</p> <p><i>Check results</i></p> <p>Close GUI</p>	The Scrum Backlog tab contains no test cases.	<p>Note: Test case edit window does not appear at first. The issue seems to be that when nothing is selected, and then a test case is selected, the test case edit window is not opening.</p> <p>The Scrum backlog tab contains no test cases.</p>

Document Revision History

Date	Author	Change Description
4/1/17	Noah Trimble	<ul style="list-style-type: none"> Added 13 black box tests
4/19/17	Walker Booth	<ul style="list-style-type: none"> Ran all 13 tests