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

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

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

	Enter the following information in the Testing Type Edit area:  Name: Boundary  Description: Tests values at the boundary		
	Click Add		
	Click <b>Testing Types</b> (at the top)		
	Click Add Testing Type		
	Enter the following information in the Testing Type Edit area:  Name: Customer Requirements Description: Tests values that the customer would use		
	Click <b>Add</b>		
	Check results		
	Close GUI		
Test 8: Edit	Preconditions: Test 7 has passed	The name of the Boundary	The name of the Boundary
testing type (Noah	Make sure you are in the <b>Testing Type</b> tab	testing type has been updated to Boundary Value in the <b>Testing Type</b> tab.	testing type has been updated to Boundary Value in the <b>Testing Type</b> tab.
Trimble)	Select the Boundary Value testing type that you just created.		
	Change the following information in the Testing Type Edit area:  • Name: Boundary Value		
	Click Save		
	Check results		
	Close GUI		
Test 9: Delete	Preconditions: Test 8 has passed	The Boundary Value testing	The Boundary Value testing type has been removed so
testing	Make sure you are in the <b>Testing Type</b> tab	type has been removed so that only the Customer Requirements testing type	that only the Customer Requirements testing type
type (Noah Trimble)	Select the Boundary Value testing type	remains in the <b>Testing Type</b> tab.	remains in the <b>Testing Type</b> tab.
i iiiibie)	Click <b>Testing Types</b> (at the top)	tab.	tas.
	Click Delete Testing Type		
	Click <b>Yes</b> in the confirmation window		
	Check results		
	Close GUI		

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

	<ul> <li>Actual Results: A window appears with the message "No task selected."</li> <li>Click the check box next to Passed?</li> </ul> Click Save Check results Close GUI		
Test 13:	Preconditions: Test 12 has passed	The <b>Scrum Backlog</b> tab	Note: Test case edit window
Remove	Click on the annuate access in the Comme	contains no test cases.	does not appear at first. The issue seems to be that
test case (Noah	Click on the only test case in the <b>Scrum Backlog</b> tab (ID: TL1-TC1)		when nothing is selected,
Trimble)	Backlog tab (ID. 121-101)		and then a test case is
i i i i i i i i i i i i i i i i i i i	Click Test Cases		selected, the test case edit
	Silver Poor Gases		window is not opening.
	Click <b>Delete Test Case</b>		S.
			The Scrum backlog tab
	Click <b>Yes</b> in the confirmation window		contains no test cases.
	Check results		
	Close GUI		

## **Document Revision History**

Date	Author	Change Description
4/1/17	Noah Trimble	Added 13 black box tests
4/19/17	Walker Booth	Ran all 13 tests