<ReqKeeper> Black Box Test Plan

Document Author(s): Troy Boone

Date:6/12/20

Introduction

This is the black box testing list for the ReqKeeper Management Software. These test will be launched by running the RequirementGUI java file as a java application. Test 1-3 will need to be restarted in between runs, while the remaining test can be run off of the prior test.

Test ID	Description	Expected Results	Actual Results
1 – New List	**Preconditions: None** 1. The user navigates to the file menu 2. Select **New** from the file menu	• A new, empty list of requirements, is created	• A new, empty list of requirements, is created
2 – Load List	**Preconditions: None** 1. The user navigates to the file menu 2. Select **Load** from the file menu 3. Navigate through the file menu to \test-files\req1.xml and select ok	• The ReqKeeper GUI is populated with premade requirements	• The ReqList is populated with 6 requirements, labled 0, 1, 2, 4,23, 32
3 – Save List	**Preconditions: Test 2** 1. The user navigates to the file menu 2. Select **Save** from the file menu 3. Navigate through the file menu to \test-files\ , type actual_req_all and select ok	• A new file is created in the test-files directory called actual_req and it has all the information the GUI had upon save	• A new file is created in the test-files directory called actual_req and it has all the information the GUI had upon save
4 – Quit List	**Preconditions: Test 1** 1. The user navigates to the file menu 2. Select **Save** from the file menu 3. Navigate through the file menu to \test-files\ , type actual_req_all and select ok	• The program will be closed. A new file is created in the test-files directory called actual_req and it has all the information the GUI had upon save	• A new file is created in the test-files directory called actual_req and it has all the information the GUI had upon save
5 – Add new requirement, no selection	**Preconditions: Test 1** 1. **With no requirement selected, click delete selected** 2. **With no requirement selected, click edit selected** 3.	• a dialog opens with the message "No requirement selected." • a dialog opens with the message "No requirement selected."	• a dialog opens with the message "No requirement selected." • a dialog opens with the message "No requirement selected."
6 – Add New requirements	**Preconditions: Test 1** 1. The user clicks **Add New requirement** 2. The user will enter the following information a. <u>Requirement Summary:</u> The mudpack is not working	• Two requirements are made. ID 231 and ID 531	• Two requirements are made. ID 231 and ID 531. ID 231 has a Req Id of 33, while ID 531 has a ReqId of 34

	b. <u>Acceptance Test Id:</u> 231
	3. The user clicks **Add**
	4. The user is returned to the requirement list.
	5. The user clicks **Add New requirement**
	6. The user will enter the following information
	    a. <u>Requirement Summary:</u> The testpack is not working
	    b. <u>Acceptance Test Id:</u> 531
	7. The user clicks **Add**
	8. The user is returned to the requirement list.		

7 – Delete selected requirement	**Preconditions: Test 6** 1. The user will select Test Id: 231 2. The user will click **Delete Selected Requirement** 3. The user is returned to the requirement list	• The requirement with Test ID 231 is removed	• The requirement with Test ID 231 is removed

8 - Edit/Move requirement from submitted to Accepted	**Preconditions: Test 6**
	1. The user will select Test Id: 531
	2. The user will click **Edit Selected Requirement**
	3. The user will enter the following information
	    a. <u>Priority</u>: 3
	    b. <u>Estimate:</u> 5 hour
	4. The user clicks **Accept**
	5. The user is returned to the requirement list
		• Requirement ID 531 now has been moved to the 'Accepted' state	• Requirement ID 531 now has been moved to the 'Accepted' state

9 Edit from Submitted to Rejected	**Preconditions: Test 7**
	1. The user clicks **Add New requirement**
	2. The user will enter the following information
	    a. <u>Requirement Summary:</u> The mudpack is not working
	    b. <u>Acceptance Test Id:</u> 231
	3. The user clicks **Add**
	4. The user is returned to the requirement list.
	5. The user will select Test Id: 231
	6. The user will click **Edit Selected Requirement**
	7. The user will click **Reject**
	8. The user is returned to the requirement list
		• Requirement ID 231 now has been moved to the 'Rejected state	• Requirement ID 231 now has been moved to the 'Rejected state

10 – Edit from rejected to submitted	**Preconditions: Test 9** 1. The user will select Test Id: 231 2. The user will click **Edit Selected Requirement** 3. The user will click **Revise** 4. The user is returned to the requirement list	• Requirement ID 231 now has been moved to the 'Submitted state	• Requirement ID 231 now has been moved to the 'Submitted state
11 – edit from accepted to Working, no developer	**Preconditions: Test 8** 1. The user will select Test Id: 531 2. The user will click **Edit Selected Requirement** 3. The user will click **Assign**	• a dialog opens with the message "Invalid command	• a dialog opens with the message "Invalid command
12 – Edit from accepted to working	**Preconditions: Test 8** 1. The user will select Test Id: 531 2. The user will click **Edit Selected Requirement** 3. The user will type 'seofumi' in the developer box 4. The user will click **Assign**	• You are returned to the home screen • The state for requirement 531 has been updated to working	• You are returned to the home screen • T The state for requirement 531 has been updated to working
13 – Edit from working to complete	**Preconditions: Test 12** 1. The user will select Test Id: 531 2. The user will click **Edit Selected Requirement** 3. The user will click **Complete**	• The state for requirement 531 has been updated to completed	• The state for requirement 531 has been updated to completed
14 – Edit from complete to working (fail)	**Preconditions: Test 13** 1. The user will select Test Id: 531 2. The user will click **Edit Selected Requirement** 3. The user will click **Fail**	• You are returned to the home screen • The state for requirement 531 has been updated to working	• You are returned to the home screen • The state for requirement 531 has been updated to working
15 – Edit from complete to working(assign)	**Preconditions: Test 13** 4. The user will select Test Id: 531 5. The user will click **Edit Selected Requirement** 6. The user will click **Complete** 7. The user will select Test Id: 531 8. The user will click **Edit Selected Requirement** 9. The user will type 'tangfeng in the developer box 10. The user will click **Assign**	• You are returned to the home screen • The state for requirement 531 has been updated to working	• You are returned to the home screen • The state for requirement 531 has been updated to working
16 – Edit from complete to verified(Pass)	**Preconditions: Test 13** 1. The user will select Test Id: 531 2. The user will click **Edit Selected Requirement**	• You are returned to the home screen • The state for requirement 531 has	• You are returned to the home screen • The state for requirement 531 has

	3. The user will click **Complete** 4. The user will select Test Id: 531 5. The user will click **Edit Selected Requirement** 6. The user will click **Pass**	been updated to verified	been updated to verified

17 – Edit from complete to rejected (reject)	**Preconditions: Test 10**
	
	1. The user will select Test Id: 231
	2. The user will click **Edit Selected Requirement**
	3. The user will enter the following information
	   a. <u>Priority</u>: 3
	   b. <u>Estimate:</u> 5 hour
	4. The user clicks **Accept**
	5. The user will click **Edit Selected Requirement**
	6. The user will type 'tang in the developer box
	7. The user will click **Assign**
	8. The user will click **Edit Selected Requirement**
	9. The user will click **Complete**
	10. The user will click **Edit Selected Requirement**
	11. The user will click **Reject**
		• You are returned to the home screen
		• The state for requirement 231 has been updated to Rejected
			• You are returned to the home screen
			• The state for requirement 231 has been updated to Rejected

18 – Edit from verified to Working(assign)	**Preconditions: Test 2** 1. The user will select ReqId : 32 2. The user will click **Edit Selected Requirement** 3. The user will type 'tang in the developer box 4. The user will click **Assign**	• You are returned to the home screen • The state for requirement 32 has been updated to working	• You are returned to the home screen • The state for requirement 32 has been updated to working
19 - Edit from Verified to rejected	**Preconditions: Test 18** 1. The user will select ReqId : 32 2. The user will click **Edit Selected Requirement** 3. The user will click **Complete** 4. The user will click **Edit Selected Requirement** 5. The user will click **Reject**	• You are returned to the home screen • The state for requirement 32 has been updated to rejected	• You are returned to the home screen • The state for requirement 32 has been updated to rejected
20 - Edit from Working to Rejected	**Preconditions: Test 2** 1. The user will select ReqId : 2 2. The user will click **Edit Selected Requirement**	• You are returned to the home screen • The state for requirement 2 has been updated to	• You are returned to the home screen • The state for requirement 2 has been updated to rejected

	3. The user will click **Reject**	rejected	
21 - Edit from Accepted to Rejected	**Preconditions: Test 2** 1. The user will select ReqId : 1 2. The user will click **Edit Selected Requirement** 3. The user will click **Reject**	• You are returned to the home screen • The state for requirement 1 has been updated to rejected	• You are returned to the home screen • The state for requirement 1 has been updated to rejected

Document Revision History

Date	Author	Change Description
6/12/20	Troy Boone	• Initial test made with test 1-7
6/25/20	Troy Boone	• More test added