

ReqKeeper Black Box Test Plan

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Introduction

To run the tests:

1. Right click on ReqKeeperGUI class in the Package Explorer.
2. Select Run As > Java Application

All tests files are located in the folder: test-files/

Note that Tests 3-5 can be run on the same GUI if there are no failures. If there are failures, use the preconditions as indicated.

Test ID	Description	Expected Results	Actual Results
Test1: Invalid File (mlee25)	Preconditions: None Run ReqKeeperGUI Click Load In the FileChooser dialog select: req6.xml Click Select Check results Close GUI	ReqKeeperGUI loads Requirements section is empty A dialog opens with the message "Unable to load requirement file."	ReqKeeperGUI loads Requirements section is empty A dialog opens with the message "Unable to load requirement file."
Test2: Valid File (mlee25)	Preconditions: None Run ReqKeeperGUI Click Load In the FileChooser dialog select: req6.xml Click Select Check results Close GUI	ReqKeeperGUI loads File does not exist	File does not exist
Test3: Add	Preconditions: Test2 passes Click Add New Requirement Enter: Summary: "test" Acceptance Test ID: 50 Check results	Requirements section shows 1 requirement: - 50, Submitted (summary field omitted)	Requirements section shows 1 requirement: - 0, Submitted

	Close GUI		
Test4: DeleteNoSelection	Preconditions: Test3 passes Make sure no requirement is selected in the Requirements section. Click Delete Selected Requirement Check results Close GUI	Requirements section shows 1 requirement: - 0, Submitted -- Dialog opens with the message "No requirement selected." (summary field omitted)	Requirements section shows 1 requirement: - 0, Submitted -- Dialog opens with the message "No requirement selected." (summary field omitted)
Test5: DeleteNoSelection	Preconditions: Test3 passes Select the 7 th requirement in the Requirements section (50, Submitted, "Test"). Click Delete Selected Requirement Check results Close GUI	Requirements section shows 1 requirement: - 0, Submitted -- Requirements section shows 0 requirements: (summary field omitted)	Requirements section shows 1 requirement: - 0, Submitted -- Requirements section shows 0 requirements: (summary field omitted)

Document Revision History

Date	Author	Change Description
6/14/19	Mlee25	• Initial BBTP for P1P1
6/20/19	Mlee25	• Updated BBTP for P1P2
6/30/19	Mlee25	• Updated BBTP for P1P2; read/write functionality does not work properly