

Requirement Keeper Black Box Test Plan

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Introduction

Provide a brief overview of your black box test plan. Describe how you would start your application.

Test ID	Description	Expected Results	Actual Results
Test Loading an Invalid File (Collin Hague)	Preconditions: InvalidFile.xml is an existing xml file that does not fit the desired format. Start the program by running the ReqKeeperUI class as a java program. Select Load from the file menu. Browse the file system until req2.xml is found and load the file	A dialog opens and says Unable to load requirement file	A dialog opens and says Unable to load requirement file
Invalid Transition from Submitted to Accepted (Collin Hague)	Preconditions: req1.xml is loaded into the program through the file menu load option. The valid file has a requirement with id 0, summary "The system hall change a requirement's state from Submitted to Accepted when the user supplies an estimate of the time to implement the requirement and clicks the Accept button.", acceptance Test ID "SubmittedToAccepted" and is in the Submitted State Select the requirement with id 0 and click edit requirement. The requirement with id 0 is displayed Enter nothing into the boxes and click accept	A dialog opens and says "Invalid priority" and then returned to the requirements list.	A dialog opens and says "Invalid priority" and then returned to the requirements list.
Rejecting from submitted state to rejected state	Preconditions: req1.xml is loaded into the program through the file menu load option. The valid file has a requirement with id 0, summary "The system hall change a requirement's state from Submitted to Accepted when the user supplies an estimate of the time to implement the requirement and clicks the Accept button.", acceptance Test ID "SubmittedToAccepted" and is in the Submitted State Select the requirement with id 0 and click	The user should be returned to the requirements list with the requirement with id 0 in the rejected state.	The user should be returned to the requirements list with the requirement with id 0 in the rejected state.

	<p>edit requirement</p> <p>The requirement with id 0 is displayed</p> <p>Make sure the rejected reason is Duplicate and press reject</p>		
<p>Passing a completed State to Verified (Collin Hague)</p>	<p>Preconditions: req1.xml is loaded into the program through the file menu load option. The valid file has a requirement with id 4, summary “The system shall change a requirement’s state from Submitted to Accepted when the user supplies an estimate of the time to implement the requirement and clicks the Accept button.”, and is in the Completed State</p> <p>Select the requirement with id 4 and click edit</p> <p>Select pass</p>	<p>The user should be returned to the requirements list with the requirement with id 4 in the Verified State.</p>	<p>The user should be returned to the requirements list with the requirement with id 4 in the Verified State.</p>
<p>Revising a Rejected State (Collin Hague)</p>	<p>Preconditions: req1.xml is loaded into the program through the file menu load option. The valid file has a requirement with id 23, summary “rejected”, acceptance Test ID “The system shall change a requirement’s state from Submitted to Accepted when the user supplies an estimate of the time to implement the requirement and clicks the Accept button.”, rejected Reason “Duplicate” and is in the Rejected State.</p> <p>The user selects the requirement with id 23 and clicks edit</p> <p>The user enters “Revised Summary” in the summary box and “A better test” in the Acceptance Test ID box</p> <p>The user selects revise</p> <p>The user is returned to the requirements list</p>	<p>The requirement with id 23 is now in the submitted state with new summary “Revised Summary” and Acceptance Test ID “A better Test”</p>	<p>The requirement with id 23 is now in the submitted state with new summary “Revised Summary” and Acceptance Test ID “A better Test”</p>

Document Revision History

Date	Author	Change Description
3/2/16	Collin Hague	<ul style="list-style-type: none"> Wrote 5 black box test cases
3/22/16	Cameron Hetzler	<ul style="list-style-type: none"> Revised and added actual results