

# ReqKeeper 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
FR BBT1: Load bad file.	<b>Preconditions:</b> File that is not in the proper format exists. One of the IDs in the file is less than 0. <b>Test:</b> Navigate to the test file req2.xml on your computer. Select and click load.	Error message pop-up that says Unable to Load File.	Launched GUI. Selected file 'load'. Navigated to "req2.xml" in file directory. Selected file and clicked load. Message pop-up says "Unable to load requirements file."
FR BBT2: Take new Requirement through verified.	<b>Preconditions:</b> The new requirements file is selected and new requirement is loaded. Navigate to the req1.xml file and select open. <b>Test:</b> Select the submitted ID requirement 0 and then user takes a submitted requirement and accepts, assigns, completes and then passes the requirement. The GUI should update through the stages.	The GUI changes when a file is being edited. Each step allows proceeding to the next and the status changes from submitted, to accepted, to working, to completed, to verified. A developer should also be assigned.	Launched GUI. Selected file 'load'. Navigated to "req1.xml" in file directory. Selected file and clicked load.  A list of 6 different requirements appears on the screen. Selected requirement with ID 0. Clicked edit and added priority of 1 and 2 days as estimate. Clicked Accept. Requirement state changes to accepted and goes to home screen. Selected same requirement clicked edit, typed "John" as developer. Clicked assign. Goes back to home screen as working Selected requirement with ID 0 and clicked edit selected requirement. Selected Complete. Takes user back to the home screen and requirement state is now complete. Clicked edit requirement with ID 0. Brings up showing pass, fail, assign, reject and cancel. Clicked Pass. Goes back to home screen and requirement state is changed to verified.

FR BBT3: Edit requirements	<p><b>Preconditions:</b> Requirement with an estimated duration of 1 hours in the Req1.xml file. Change the status of a submitted Requirement to have a duration of 2 hours.</p> <p><b>Test:</b> Load Req1.xml. Change the duration of requirement ID 4 from 1 hour to 2 hours.</p>	The requirement duration is changed from 1 hour to 2 hours.	<p>Launched GUI. Selected file 'load'. Navigated to "req1.xml" in file directory. Selected file and clicked load.</p> <p>A list of 6 different requirements appears on the screen. Clicked requirement ID 4 and clicked edit. Clicked Reject. Takes back to home screen and shows state as rejected.</p> <p>Selected Requirement ID 4 and clicked revise. Requirement ID is now submitted.</p> <p>Selected requirement ID 4 and clicked edit selected requirement. Typed priority 2 and Estimate "2 hours" and clicked accept. Clicked edit selected requirement on requirement ID 4. Estimate now shows 2 hours.</p>
FR BBT4: Write new requirements file	<p><b>Preconditions:</b> Complete BBT3 to modify the requirement duration. This means the initial value of the estimated time was 1 hours and it was changed to 2 hours.</p> <p><b>Test:</b> Determines if an edited file will save with the correct edits. Load Req1.xml. Change the duration of requirement ID 4 from 1 hour to 2 hours.</p>	Navigate to Req1.xml and open the file to verify the hours. Open the file that has been re-written and the duration should now be 2 hours instead of 1 hour.	<p>Launched GUI. Selected file 'load'. Navigated to "req1.xml" in file directory. Selected file and clicked load.</p> <p>A list of 6 different requirements appears on the screen. Clicked requirement ID 4 and clicked edit. Clicked Reject. Takes back to home screen and shows state as rejected.</p> <p>Selected Requirement ID 4 and clicked revise. Requirement ID is now submitted.</p> <p>Selected requirement ID 4 and clicked edit selected requirement. Typed priority 2 and Estimate "2 hours" and clicked accept. Clicked edit selected requirement on</p>

			<p>requirement ID 4. Estimate now shows 2 hours.</p> <p>Clicked file -&gt; save. Gave title of NewReq1. Navigated to where NewReq1.xml was saved on my local computer.</p> <p>Opened the XML file and the estimate reads as 2 hours for the requirement ID 4.</p>
FR BBT5: Load requirements and assign a verified requirement a new developer	<p><b>Preconditions:</b> A requirements file with a verified requirement exists. Load that file.</p> <p><b>Test:</b> Load Req1.xml. Select the verified requirement with ID 32. Assign a different developer (named Poppa Smurf).</p>	Requirement should be assigned to developer Poppa Smurf and the status should be updated to working.	<p>Launched GUI. Selected file 'load'. Navigated to "req1.xml" in file directory. Selected file and clicked load.</p> <p>A list of 6 different requirements appears on the screen. Selected Requirement ID 32 and clicked edit selected requirement. Edit screen pops up. Typed Poppa Smurf into developer box and clicked assign.</p> <p>Requirement ID is now a Req State of Working. Clicked edit selected requirement. The developer is listed as Poppa Smurf.</p>

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#### Document Revision History

Date	Author	Change Description
3 / 1 / 16	Andrew Northrup	• Initial Draft BBTP
3 / 22 / 16	Andrew Northrup	• Completed results of the black box test plan