

TestManager System Test Plan

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Introduction

Application is started by running the RequirementManagerGUI which will call upon the method that controls the rest of the system. This can be done by right clicking the RequirementManagerGUI class in eclipse and clicking on the "run as java application" button.

All test files are contained within the same repository as the project, under the "test-files" directory. Find all files in that location.

Test ID	Description	Expected Results	Actual Results
Test 1: Invalid File	Preconditions: GUI Running 1) Start GUI 2) Select option from menu to load a file and select "test-files/test-plans3.txt" 3) Observe GUI for expected results	No projects or tests are loaded into the program. Error message shows saying "unable to load file"	GUI starts with the failing test list showing, but no other test plans loaded. After file is loaded, error message shows saying "unable to load file"
Test 2: Invalid Project Name	Preconditions: GUI Running 1) Start the GUI 2) User clicks the new project button 3) User tries to click the confirm button without inputting a name for the project	Error message appears saying "invalid test plan name."	Error "invalid test plan name."
Test 3: Create Project	Preconditions: GUI Running 1) Start the GUI 2) User clicks the new project button 3) User selects "Custom Project" as the name for the project and clicks confirm	New project created named Custom Project and loaded into the current test plan field. Should contain no tests currently	New project created named Custom Project and loaded into the current test plan field. Contains no tests currently
Test 4: Add Test	Preconditions: GUI Running, T3 1) User Clicks "create test" button and a new GUI window appears 2) Window contains areas for title, actual results, and expected results. 3) User inputs "testAddTest", "TestType", "Add a new test", and "Test is added". 4) User clicks add test to project	List displaying all the tests contained in the project now displays one test. The title of the test is "testAddTest". The test type is "TestType". The description is "add a new test". The expected results are "Test is added". The test is listed as failing and shows up in the failing test list when selected.	List displaying all the tests contained in the project now displays one test. The title of the test is "testAddTest". The test type is "TestType". The description is "add a new test". The expected results are "Test is added". The test is listed as failing and shows up in the failing test list when selected.
Test 5:	Preconditions: GUI Running, T3, T4	List displaying all the tests	Test is deleted becoming

Remove Test	<ol style="list-style-type: none"> 1) Run GUI 2) User selects the test created in Test 4 by clicking on it. 3) User clicks a delete test button. 	contained in the project becomes completely empty.	leaving test plan empty and failing test becomes empty as well.
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Document Revision History

Date	Author	Change Description
11/18/22	Jeff Powell	<ul style="list-style-type: none"> • Created test plan