

<Project 2> System Test Plan

Document Author(s): Veerendra Gottiveeti + Yi Zhang

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Introduction

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

Test ID	Description	Expected Results	Actual Results
Test 1: Load Invalid File (Authors: Veerendra + Yi)	Preconditions: A user has started the STP application and the GUI has opened. 1. The user selects the option from the file menu to Load Test Plan 2. Clicks on test-files/InvalidFile.txt Checks results	An error message "Unable to load file." pops up. User clicks OK and is returned to the GUI.	An error message "Unable to load file." pops up. User clicks OK and is returned to the GUI.
Test 2: Load Valid File (Authors: Veerendra + Yi)	Preconditions: A user has started the STP application and the GUI has opened. 1. The user selects the option from the file menu to Load Test Plan 2. Clicks on test-files/test-plans1.txt Checks results	The GUI loads the contents of test-plans1.txt. Test Cases is filled with information including Test ID, Test Type, and Test Plan.	The GUI loads the contents of test-plans1.txt. Test Cases is filled with information including Test ID, Test Type, and Test Plan.
Test 3: Save System State (Authors: Veerendra + Yi)	Preconditions: The user is in the main window of the application. 1. The user selects the option Save Test Plan. 2. Clicks on test-files. 3. Save it as EXPECTED_STP_Test_File.txt Check results	A file named EXPECTED_STP_Test_File.txt can be found in the test-files in the Project2 folder, and it holds the same contents as test-plans1.txt .	A file named EXPECTED_STP_Test_File.txt can be found in the test-files in the Project2 folder, and it holds the same contents as test-plans1.txt .
Test 4: Add Test Plan (Authors: Veerendra + Yi)	Preconditions: A user has started the STP application and the GUI has opened. 1. Clicks Add Test Plan. 2. Enters the Test Plan Name ("Product Backlog"). 3. The system trails white space if any. Check Results	ProductBacklog has been added to drop down menu of Current Test Plan. The Test Cases list is empty	ProductBacklog has been added to drop down menu of Current Test Plan. The Test Cases list is empty
Test 5: Clear System	Preconditions: The user is in the main window of the application. 1. The user selects the option	All the Test Plans are removed and the Test Cases list is empty.	All the Test Plans are removed and the Test Cases list is empty.

State (Authors: Veerendra + Yi)	Clear Test Plan. 2. The system removes all the Test Plans and the Test Cases. 3. Check results		
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Document Revision History

Date	Author	Change Description
11/10/21	Yi Zhang + Veerendra Gottiveeti	<ul style="list-style-type: none"> Started Document Added test overview Added 5 system tests without Actual Results