IssuesManager System Test Plan

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Introduction

To run these tests:
- Right click on IssuesManagerGUI in the Package Explorer
- Select Run As -> Java Application

All test files are located in the test-files folder

Test ID	Description	Expected Results	Actual Results
Test1: CreateNewIssueList (Inyene Etuk)	**Preconditions: Test 4 Passed** 1. Selects the **New** option from the file menu.	All issues are removed	All issues are removed
Test2: LoadIssuesFromFIleMissingFile (Inyene Etuk)	**Preconditions: Start IssueManager** 1. Select the option from the file menu to load from a file 2. Select test-files/issues0.txt	Dialog opens with the message "Unable to load file."	Dialog opens with the message "Unable to load file."
Test3: LoadIssuesFromFileInvalidFile (Inyene Etuk)	**Preconditions: Start IssueManager** 1. Select the option from the file menu to load from a file **2.** Select test-files/issue8.txt	Issues list in system remains empty	1 issues appears in IssueManager
Test4: LoadIssuesFromFileValidFile (Inyene Etuk)	**Preconditions: Start IssueManager** 1. Select the option from the file menu to load from a file 2. Select test-files/issue1.txt	System populates the issues and keeps them ordered by issue id	System populates the issues and keeps them ordered by issue id
Test5: SaveIssuesListToFile	**Preconditions: Test 4 Passed** 1. Select option from menu to **Save** to file 2. Select test-files/actual_issues.txt	Current state of system is saved to file with proper formatting	Current state of system is saved to file with proper formatting

Document Revision History

Date	Author	Change Description
2/17/22	Inyene Etuk	• Added 5 system tests to the P1 STP