<RequirementsManager> System Test Plan

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Introduction

To run the tests:
Right click on RequirementsManagerGUI class in the Package Explorer.
Select Run As > Java Application

Test ID	Description	Expected Results	Actual Results
Test 1: Start program (Jimin Yu)	Preconditions: None 1. Run RequirementsManager GUI 2. Check results 3. Close GUI Test description (repeatable and specific)	RequirementsManagerGUI loads. There is no project selected and no user stories displayed.	RequirementsManagerGUI loads. There is no project selected and no user stories displayed.
Test 2: Create Project (Jimin Yu)	Preconditions: none 1. Run RequirementsManagerGUI 2. Click FILE > NEW 3. Enter "New Project" in project name 4. Check results 5. Close GUI	The current selected project is "New Project" with no user stories.	The current selected project is "New Project" with no user stories.
Test 3: Add UserStory (Jimin Yu)	Preconditions: Test 2 passes 1. Select "Add User Story" 2. In "Title", enter "title1" 3. In "As a", enter "student" 4. In "I want to", enter "action" 5. In "so I can", enter "value" 6. Click "Add to project" 7. Check results 8. Close GUI	A user story in the submitted state is displayed with the id 0 and title "title1.	A user story in the submitted state is displayed with the id 0 and title "title1.
Test 4: Edit UserStory From Submitted (Jimin Yu)	Preconditions: Test 3 passes 1. Select the only user story in the project 2. Click "edit user story" 3. Select the "Medium" option for the priority. 4. Click "Accept" 5. Check results 6. Close GUI	The user story "title1" is now in the backlog state	The user story "title1" is now in the backlog state
Test 5: Edit UserStory From Backlog	Preconditions: Test 4 passes 1. Select the only user story in the project 2. Click "edit user story" 3. Enter "jyu34" into developer	The user story "title" is now in the working state with the developer "jyu34"	The user story "title" is now in the working state with the developer "jyu34"

(Jimin Yu)	id 4. Click "Assign" 5. Check results 6. Close GUI		
Test 6: Edit UserStory From Working (Jimin Yu)	Preconditions: Test 5 passes 1. Select the only user story in the project 2. Click "edit user story" 3. Click "Review" 4. Check results 5. Close GUI	The user story "title1" is not in the verifying state.	The user story "title1" is not in the verifying state.
Test 7: Edit UserStory From Verifying1 (Jimin Yu)	Preconditions: Test 6 passes 1. Select the only user story in the project 2. Click "edit user story" 3. Click "Reopen" 4. Check results 5. Close GUI	The user story "title1" is back in the working state.	The user story "title1" is back in the working state.
Test 8: Edit UserStory From Verifying1 (Jimin Yu)	Preconditions: Test 6 passes 1. Select the only user story in the project 2. Click "edit user story" 3. Click "Confirm" 4. Check results 5. Close GUI	The user story "title1" is now in the completed state.	The user story "title1" is now in the completed state.
Test 9: Edit UserStory from Completed (Jimin Yu)	Preconditions: Test 8 passes 1. Select the only user story in the project 2. Click "edit user story" 3. Click "Reopen" 4. Check results 5. Close GUI	The user story "title1" is now in the working state.	The user story "title1" is now in the working state.
Test 10: Reject UserStory (Jimin Yu)	Preconditions: Test 9 passes 1. Select the only user story in the project 2. Select "Inappropriate" for rejection reason 3. Click "Reject" 4. Check results 5. Close GUI	The user story "title1" is now in the rejected state.	The user story "title1" is now in the rejected state.
Test 11: Resubmit UserStory (Jimin Yu)	Preconditions: Test 10 passes 1. Select the only user story in the project 2. Click "Resubmit" 3. Check results 4. Close GUI	The user story "title1" is back in the submitted state.	The user story "title1" is back in the submitted state.
Test 12: Delete UserStory (Jimin Yu)	Preconditions: Test 3 passes 1. Select the only user story in the project 2. Click "Delete User Story" 3. Check results 4. Close GUI	There are no user stories left in the project.	There are no user stories left in the project.
Test 13: Load Project file	Preconditions: None 1. Click FILE > LOAD 2. Select "test-files/project1.txt"	A new project named "WolfScheduler" is loaded in as the current project	A new project named "WolfScheduler" is loaded in as the current project

(Jimin Yu)	3. Check results 4. Close GUI	with five user stories, one for each state.	with five user stories, one for each state.
Test 14: Update Project (Jimin Yu)	Preconditions: Test 13 and test 3 pass 1. Switch the current project from "WolfScheduler" to "New Project" 2. Click "Update Project" 3. Check results 4. Close GUI	The current project is now "New Project" and one user story (the one added from test 3) is displayed.	The current project is now "New Project" and one user story (the one added from test 3) is displayed.
Test 15: Save Project1 (Jimin Yu)	Preconditions: Test 3 passes 1. Click FILE > SAVE 2. Enter save location to be "test-files/actual-NewProject.txt" 3. Check results 4. Close GUI	The current project is written saved in a file called "actual-NewProject.txt" containing the project name and one user story which we added in test 3 in the valid format.	The current project is written saved in a file called "actual-NewProject.txt" containing the project name and one user story which we added in test 3 in the valid format.
Test 16: Save Project2 (Jimin Yu)	Preconditions: Test 13 passes 1. Click FILE > SAVE 2. Enter save location to be "test-files/actual-wolfscheduler.txt" 3. Check results 4. Close GUI	The current project is written and saved in a file called "actual-wolfscheduler" containing the project name and its five user stories in the valid format.	The current project is written and saved in a file called "actual-wolfscheduler" containing the project name and its five user stories in the valid format.

Document Revision History

Date	Author	Change Description
10/20/2022	Jimin Yu	Added System Tests