

## <Project 1> Black Box Test Plan

Document Author(s): Sarah Worley Date: 02/13/19

### Introduction

Scrum backlog Application allows users from a team to keep track of requirements, changes and tasks that need to be completed in a project. The application uses the TaskReader class from the TaskXML 3rd party library to process task XML files. The task files are loaded or created within the application. The tasks can then be "Backlogged" (put into the log of tasks to complete), "Owned", "Processed", "Verified", "Done", or "Rejected". The black box tests are designed to test basic functions of the program to ensure proper results. Tests will be run using the XML test files. The tests are repeatable and are intended to verify the application is implemented correctly.

### How to Run:

1. Click Package Explorer to display the intended project.
2. Right click on the GUI file
3. Click Run as
4. Select Java Application

Test Id	Description	Expected Results	Actual Results
Test 1 Opening GUI Sarah W	Preconditions: None Launch the application	Scrum Backlog with is displayed. Nothing is in the task list.	Scrum Backlog with is displayed. Nothing is in the task list.
Test 5 Save invalid Sarah W *edditd makes more sense right after test 1	Preconditions: test 1 has passed Make sure no tasks are displayed and nothing is selected The user selects <b>Save</b>	The "save" option cannot be selected.	The "save" option cannot be selected.

Test 8 Open tasks from file. Sarah W	Preconditions: test 1 has passed The user selects <b>Load</b> from the file drop down menu. User then selects <b>tasks_valid.xml</b> file to load from test-files folder	File is loaded 6 tasks are displayed. 1, backlog, express carts, 2, owned, regular carts, 3, processing, java swing, 4,Verifying,Calculating Wait Time, 5,Done,Special Carts, 6,Rejected,Flatbed carts	File is loaded 6 tasks are displayed. 1, backlog, express carts, 2, owned, regular carts, 3, processing, java swing, 4,Verifying,Calculating Wait Time, 5,Done,Special Carts, 6,Rejected,Flatbed carts
Test 9 Filter by owner Sarah w	Preconditions: test1 and 8 have passed. user enters an owner id Jep the text field and clicks <b>Filter List by Owner</b>	Display is empty	Display is empty
Test 10 Show all tasks Sarah W	Preconditions test1, 8 and 9 have passed user clicks <b>Show All Tasks</b>	All previous tasks are displayed 1, backlog, express carts, 2, owned, regular carts, 3, processing, java swing, 4,Verifying,Calculating Wait Time, 5,Done,Special Carts, 6,Rejected,Flatbed carts	All previous tasks are displayed 1, backlog, express carts, 2, owned, regular carts, 3, processing, java swing, 4,Verifying,Calculating Wait Time, 5,Done,Special Carts, 6,Rejected,Flatbed carts
Test 11 Filter by owner Sarah w	Preconditions: test1, 8 have passed user then enters an owner id Sesmith5 the text field and clicks <b>Filter List by Owner</b>	4 tasks are displayed. Task ID's are 2,3,4,5	4 tasks are displayed. Task ID's are 2,3,4,5
Test 12 filter by	Preconditions: test1, 8 have passed user	4 tasks are displayed. Task ID's are 1,2,5,6	4 tasks are displayed. Task ID's are 1,2,5,6

Creator Sarah w	enters a creator id: Jep in the text field and clicks <b>Filter List by Creator.</b>		
Test 13 Delete Sarah w	Preconditions: test1, 8 and 12 have passed. Select the first item in the task list with ID: 1 Then select <b>delete selected task</b>	Task is deleted and all other tasks are displayed with ID's 2-6	Task is deleted and all other tasks are displayed with ID's 2-6
Test 4 Save Sarah Worley  *edited makes more sense here	Preconditions: test 1, 8, 12 and 13 have passed . The user selects <b>Save</b> from the file drop down menu Save file as edit.xml is test-tiles	A file chooser opens, where the user browses for the name of the file to save to or creates a new file. File is Saved Successfully. With only 5 tasks saved	A file chooser opens, where the user browses for the name of the file to save to or creates a new file. File is Saved Successfully. With only 5 tasks saved
Test 2 New Task Sarah W  **edited makes more sense here	Preconditions: test 1 and 8 12 and 13 have passed The user selects <b>New</b> from the file drop down menu	A new empty list of tasks are created	A new empty list of tasks are created
Test 6 add a new task Sarah W  **edited this makes more sense here	Preconditions Test 1 and 2 have passed the user clicks <b>Add New Task</b> <b>Add the following to the task</b> <b>Ticket title: Example</b> <b>Ticket Submitter:</b> <b>sarah</b> <b>Ticket Note: this is an example</b> <b>Add Task to Backlog</b>	A window opens for the user to enter the task info. The task is then created and assigned an id. The new task is alone in the list and in the back log state	A window opens for the user to enter the task info. The task is then created and assigned an id. The new task is alone in the list and in the back log state

Test 13 edit task to owned Sarah W	Preconditions Test 1, 2 and 6 have passed User selects the only task in the field <b>example</b> user selects <b>edit selected task</b> User types "bob" in the <b>owner</b> field under claim task user types "claiming" in the <b>note text box</b> . User selects <b>claim Task</b>	A window opens for the user to enter the task info. User enters info then task shows up in the task field under the owned state	A window opens for the user to enter the task info. User enters info then task shows up in the task field under the owned state
Test 14 edit task to processi ng	Preconditions test 1, 2, 6 and 13 have passed. User selects <b>edit task</b> users enters "processing" in note text box user then selects <b>process tasks</b>	A window opens for the user to enter the task info. Window displays the state with the owner and creator info displayed. Notes from both owner and creator are displayed. "This is an example" and "claiming" User enters info then task shows up in the task field under the processing state	A window opens for the user to enter the task info. Window displays the state with the owner and creator info displayed. Notes from both owner and creator are displayed. "This is an example" and "claiming" User enters info then task shows up in the task field under the processing state

Document revision history:

02/13/19 Sarah W • Created project 2 black box testing

03/07/19 Sarah W • added new tests. Reorder some of the old tests. They are marked with \*\*

