Howl Lot of Java Black Box Test Plan

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Introduction

This is the test plan for Howl Lot of Java. The tests assume that the program has been started from the UI class and the application is running and that program is closed after each test unless other tests were preconditions.

Test ID	Description	Expected Results	Actual Results
Test ID Test 1 (Add to menu)	Description Preconditions: None Select "Manage Menu" Check results Select "Add Menu Item" Type "Coffee" in "Type" Type "Mocha" in "Name" Type "2.5" in "Price" Select "Add Item" Check results Select "Add Menu Item" Type "Coffee" in "Type" Type "Latte" in "Name" Type "2" in "Price" Select "Add Item" Type "2" in "Price" Select "Add Item" Type "1.75" in "Type" Type "1.75" in "Price" Select "Add Item"	Manage Menu window is displayed and Menu Items is empty Menu Items contains one item: "(Coffee) Mocha - \$2.5" Menu Items contains three items in order: - "(Coffee) Latte - \$2.0" - "(Coffee) Mocha - \$2.5" - "(Pastries) Doughnut - \$1.75"	Manage Menu window is displayed and Menu Items is empty Menu Items contains one item: "(Coffee) Mocha - \$2.5" Menu Items contains three items in order: - "(Coffee) Mocha - \$2.5" - "(Coffee) Latte - \$2.0" - "(Pastries) Doughnut - \$1.75" Cause of discrepancy: Originally planned that Menu would sort itself in order based off of type AND name, not just type
Test 2	Check results Preconditions: Test 1 passed	Menu Items contains three	Menu Items contains three
(Edit menu item)	Select "(Pastry) Doughnut - \$1.75" from Menu Items Delete contents in "Name" and type "Bagel" in its place Select "Edit Item"	items in order: - "(Coffee) Latte - \$2.0" - "(Coffee) Mocha - \$2.5" - "(Pastries) Bagel - \$1.75"	items in order: - "(Coffee) Mocha - \$2.5" - "(Coffee) Latte - \$2.0" - "(Pastries) Bagel - \$1.75"
	Check results	Main window of Howl Lot of Java is displayed with	Main window of Howl Lot of Java is displayed with

	Select "Close"	Orders and Customers being empty	Orders and Customers being empty	
	Check results		Cause of discrepancy: see Test 1	
Test 3 (Remove	Preconditions: Test 1 passed	Menu Items contains two items in order:	Menu Items contains three items in order:	
menu item)	Select "(Pastries) Doughnut - \$1.75" from Menu Items	- "(Coffee) Latte - \$2.0"	- "(Coffee) Mocha - \$2.5"	
	Select "Remove Item"	- "(Coffee) Mocha - \$2.5"	- "(Coffee) Latte - \$2.0"	
	Check results		Cause of discrepancy: see Test 1	
Test 4 (Add	Preconditions: None	On Main Window: Orders is empty.	On Main Window: Orders is empty.	
customer)	Select "Add Customer"	Customers contains one person: "John Smith (js12)"	Customers contains one person: "John Smith (js12)"	
	Type "John" in "First Name" Type "Smith" in "Last Name"	Orders is empty	Orders is empty.	
	Type "js12" in "ID"	Orders is empty. Customers contains three people in order:	Customers contains three people in order:	
	Select "OK"	- "John Doe (jd3)" - "Gretta Smith	- "John Doe (jd3)" - "Gretta Smith	
	Check results	(gs2)" - "John Smith	(gs2)" - "John Smith	
	Select "Add Customer"	(js12)"	(js12)"	
	Type "John" in "First Name" Type "Doe" in "Last Name" Type "jd3" in "ID"			
	Select "OK"			
	Type "Gretta" in "First Name" Type "Smith" in "Last Name" Type "sa" in "IP"			
	Type "gs2" in "ID"			
	Select "OK"			
	Check results			
Test 5 (Edit	Preconditions: Test 4 passed	On Main Window: Orders is empty.	On Main Window: Orders is empty.	
customer)	Select "John Smith" from Customers	Customers contains three people in order:	Customers contains three people in order:	
	Select "Edit Customer"	- "John Doe (jd3)" - "Gretta Smith	- "John Doe (jd3)" - "Gretta Smith	
	Delete contents in "ID" and type "js1" in its place	(gs2)" - "John Smith (js1)"	(gs2)" "John Smith (js1)"	
	Select "OK"		- · · · · · · · · · · · · · · · · · · ·	
	Check results			

Test 6 (Remove customer)	Preconditions: Test 4 passed Select "John Smith (js12)" from Customers Select "Remove Customer" Check results	On Main Window: Orders is empty. Customers contains two people in order: - "John Doe (jd3)" - "Gretta Smith (gs2)"	On Main Window: Orders is empty. Customers contains two people in order: - "John Doe (jd3)" - "Gretta Smith (gs2)"
Test 7 (Create new order)	Preconditions: Tests 2 and 5 have passed Select "John Smith (js1)" from Customers Select "New Order" Check results	New Order #1 window is displayed and New order for John Smith (js1) is empty Menu Items contains three items in order: - "(Coffee) Latte - \$2.0" - "(Coffee) Mocha - \$2.5" - "(Pastries) Bagel - \$1.75"	New Order #1 window is displayed and New order for John Smith (js1) is empty Menu Items contains three items in order: - "(Coffee) Mocha - \$2.5" - "(Coffee) Latte - \$2.0" - "(Pastries) Bagel - \$1.75" Cause of Discrepency: See Test 2
Test 8 (Add to order)	Select "(Pastries) Bagel - \$1.75" from Menu Items Select "Add to Order" Check results Select "(Pastries) Bagel - \$1.75" from Menu Items Select "(Pastries) Bagel - \$1.75" from Menu Items Select "Add to Order" Select "(Coffee) Latte - \$2.0" from Menu Items Select "Add to Order" Check results	New order for John Smith (js1) contains one item: "(Pastries) Bagel - \$1.75", "x1 = \$1.75" Menu Items contains three items in order: - "(Coffee) Latte - \$2.0" - "(Coffee) Mocha - \$2.5" - "(Pastries) Bagel - \$1.75" Order Total is "\$1.75" New order for John Smith (js1) contains two items in order: - "(Pastries) Bagel - \$1.75", "x2 = \$3.5" - "(Coffee) Latte - \$2.0", "x1 = \$2.0" Menu Items contains three items in order: - "(Coffee) Latte - \$2.0" - "(Coffee) Mocha - \$2.5"	\$2.5" - "(Coffee) Latte - \$2.0" - "(Pastries) Bagel - \$1.75" Order Total is "\$1.75" New order for John Smith (js1) contains two items in order: - "(Coffee) Latte - \$2.0", "x1 = \$2.0"

		- "(Pastries) Bagel - \$1.75"	- "(Pastries) Bagel - \$1.75"
		Order Total is "\$5.5"	Order Total is "\$5.5"
			Causes of Discrepency: Menu Items - See Test 2 Order - Originally planned that orders would not be sorted in any way
Toot 0	Dunganditions Tasts 2 5 and 7.0 hour	Now ander for John Conith	New order for John Smith
Test 9 (Remove from	Preconditions: Tests 2, 5, and 7-8 have passed	New order for John Smith (js1) contains two items in order:	(js1) contains two items in order:
order)	Select "(Pastries) Bagel - \$1.75" from Menu Items	- "(Pastries) Bagel - \$1.75", "x1 = \$1.75"	- "(Coffee) Latte - \$2.0", "x1 = \$2.0" - "(Pastries) Bagel -
	Select "Remove from Order"	- "(Coffee) Latte - \$2.0", "x1 = \$2.0"	\$1.75", "x1 = \$1.75"
	Check results	Menu Items contains three	Menu Items contains three
	Select "(Coffee) Latte - \$2.0" from Menu Items	items in order: - "(Coffee) Latte -	items in order: - "(Coffee) Mocha -
	Select "Remove from Order"	\$2.0" - "(Coffee) Mocha - \$2.5"	\$2.5" - "(Coffee) Latte - \$2.0"
	Check results	- "(Pastries) Bagel - \$1.75"	- "(Pastries) Bagel - \$1.75"
		Order Total is "\$3.75"	Order Total is "\$3.75"
		New order for John Smith (js1) contains one item: "(Pastries) Bagel - \$1.75", "x1 = \$1.75"	New order for John Smith (js1) contains one item: "(Pastries) Bagel - \$1.75", "x1 = \$1.75"
		Menu Items contains three items in order: - "(Coffee) Latte - \$2.0" - "(Coffee) Mocha -	Menu Items contains three items in order: - "(Coffee) Mocha - \$2.5" - "(Coffee) Latte -
		\$2.5" - "(Pastries) Bagel - \$1.75"	\$2.0" - "(Pastries) Bagel - \$1.75"
		Order Total is "\$1.75"	Order Total is "\$1.75"
			Cause of discrepancy: See Test 8

Test 10	Preconditions: Tests 2, 5, and 7-8 have	On Main Window:	On Main Window:
(Place	passed	Orders contains one Order: "#1 for John Smith – Total	Orders contains one Order: "#1 for John Smith – Total
order)	Select "Place Order"	\$5.5"	\$5.5"
	Check results	Customers contains three people in order: - "John Doe (jd3)" - "Gretta Smith (gs2)" - "John Smith (js12)"	Customers contains three people in order: - "John Doe (jd3)" - "Gretta Smith (gs2)" "John Smith (js12)"
Test 11	Preconditions: Tests 2, 5, and 7-9 have	On Main Window:	On Main Window:
(Cancel order)	passed	Orders is empty. Customers contains three	Orders contains one Order: "#1 for John Smith – Total
	Select "#1 for John Smith — Total \$5.5" from Orders	people in order: - "John Doe (jd3)" - "Gretta Smith	\$5.5" Customers contains three
	Select "Cancel Order"	(gs2)" - "John Smith	people in order: - "John Doe (jd3)"
	Check results	(js12)"	- "Gretta Smith (gs2)" "John Smith (js12)"
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Test 12 (Fufill order)	Preconditions: Tests 2, 5, and 7-9 have passed	On Main Window: Orders is empty. Customers contains three	On Main Window: Orders contains one Order: "#1 for John Smith — Total
	Select "#1 for John Smith – Total \$5.5" from Orders	people in order: - "John Doe (jd3)"	\$5.5"
	Select "View Order Details"	"Gretta Smith (gs2)""John Smith	Customers contains three people in order: - "John Doe (jd3)"
	Select "Fufill Order"	(js12)"	- "Gretta Smith (gs2)"
	Check Results		"John Smith (js12)"
Test 13	Preconditions: Tests 2, 5, and 7-9 have	On Main Window:	On Main Window:
(Show all orders)	passed	Orders is empty. Customers contains three	Orders is empty. Customers contains three
	Select "John Doe (jd3)" from Customers	people in order: - "John Doe (jd3)"	people in order: - "John Doe (jd3)"
	Select "Show All Orders"	- "Gretta Smith (gs2)"	- "Gretta Smith (gs2)"
	Check results	"John Smith (js12)"	"John Smith (js12)"
	Select "John Smith (js12)" from Customers	On Main Window: Orders contains one Order:	On Main Window: Orders is empty.
	Select "Show All Orders"	"#1 for John Smith – Total \$5.5"	Customers contains three people in order:
	Check Results	Customers contains three	- "John Doe (jd3)" - "Gretta Smith
		people in order:	(gs2)"
		- "John Doe (jd3)" - "Gretta Smith	"John Smith (js12)"
		(gs2)"	Cause of discrepancy:
		- "John Smith	Originally planned that
		(js12)"	fulfilled orders would be

	archived and available to be seen as "not open" orders.

Document Revision History

Date	Author	Change Description
11/6/2020	Jimmy Gbruoski	• Completed BlackBox test analysis of "Howl Lot of Java" by providing
		expected results and reasons as to why some of the expected results
		differed from the actual results.