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 1 (Add to menu)	**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 "Pastries" in "Type" Type "Doughnut" in "Name" Type "1.75" in "Price" Select "Add Item" Check results	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 (Edit menu item)	**Preconditions: Test 1 passed** Select "(Pastry) Doughnut - $1.75" from Menu Items Delete contents in "Name" and type "Bagel" in its place Select "Edit Item" Check results	Menu Items contains three items in order: - "(Coffee) Latte - $2.0" - "(Coffee) Mocha - $2.5" - "(Pastries) Bagel - $1.75" Main window of Howl Lot of Java is displayed with	*Menu Items contains three items in order:* - *"(Coffee) Mocha - $2.5"* - *"(Coffee) Latte - $2.0"* - "(Pastries) Bagel - $1.75" Main window of Howl Lot of Java is displayed with

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

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)	**Preconditions: Tests 2, 5, and 7 have passed** Select "(Pastries) Bagel - $1.75" from Menu Items Select "Add to Order" Check results 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"	New order for John Smith (js1) contains one item: "(Pastries) Bagel - $1.75", "x1 = $1.75" *Menu Items contains three items in order:* - *"(Coffee) Mocha - $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", "x2 = $3.5"* Menu Items contains three items in order: - *"(Coffee) Mocha - $2.5"* - *"(Coffee) Latte - $2.0"*

		- "(Pastries) Bagel - $1.75" Order Total is "$5.5"	- "(Pastries) Bagel - $1.75" 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
Test 9 (Remove from order)	**Preconditions: Tests 2, 5, and 7-8 have passed** Select "(Pastries) Bagel - $1.75" from Menu Items Select "Remove from Order" Check results Select "(Coffee) Latte - $2.0" from Menu Items Select "Remove from Order" Check results	New order for John Smith (js1) contains two items in order: - "(Pastries) Bagel - $1.75", "x1 = $1.75" - "(Coffee) Latte - $2.0", "x1 = $2.0" Menu Items contains three items in order: - "(Coffee) Latte - $2.0" - "(Coffee) Mocha - $2.5" - "(Pastries) Bagel - $1.75" Order Total is "$3.75" 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 - $2.5" - "(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", "x1 = $1.75"* Menu Items contains three items in order: - *"(Coffee) Mocha - $2.5"* - *"(Coffee) Latte - $2.0"* - "(Pastries) Bagel - $1.75" Order Total is "$3.75" New order for John Smith (js1) contains one item: "(Pastries) Bagel - $1.75", "x1 = $1.75" Menu Items contains three items in order: - *"(Coffee) Mocha - $2.5"* - *"(Coffee) Latte - $2.0"* - "(Pastries) Bagel - $1.75" Order Total is "$1.75" **Cause of discrepancy:** See Test 8

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