

Java class/method name being tested: All controller classes			
Test Case #	Requirement	Test description and Input Data	Expected Result/Output
1.	While ordering donuts, the user cannot select multiple types of donuts(Yeast, Donut Hole, etc) at the same time from the drop down menu. Can only select one at a time	<ul style="list-style-type: none"> User tries to select another type of donut in the middle of ordering their first donut type. Input: Clicking on “yeast donut” when “donut hole” was selected 	The flavor list and image changes to the new donut type.
2.	While ordering donuts, the user cannot use “add to order” until at least one flavor of donut is selected.	<ul style="list-style-type: none"> Try to click the “add to order” button when the order list is empty. Input: Clicking on the “add to order” button when the order list is empty. 	Alert window displaying “Can’t add empty order”
3.	While ordering donuts, the user cannot add to order unless a flavor of donut is selected.	<ul style="list-style-type: none"> Try to click on the ">>" button without selecting a flavor. 	If the user doesn't select a flavor, then by default the first flavor in the list is selected.
4.	While ordering donuts, the user cannot remove from order if the order list is empty.	<ul style="list-style-type: none"> Try to click on “<<” button when the list is empty. 	Nothing happens.
5.	While ordering donuts, the user cannot add more flavors to order, if all flavors were already added to the order list before.	<ul style="list-style-type: none"> Try to select a flavor that was already added before. 	The flavor disappears from the list.
6.	While ordering donuts, the user should at least select 1 but cannot select more than 5 of a flavor of donut.	<ul style="list-style-type: none"> Try to order a donut without selecting the quantity. 	By default, 1 will be selected as the quantity of donut.
7.	While ordering coffee, if the user doesn't select anything, the default order would be 1 Tall size with no add-ons.	<ul style="list-style-type: none"> Try to order a coffee without changing the default coffee size. 	The default order, which is “Tall” with quantity of 1 is placed and subtotal is shown as \$2.09.
8.	While ordering coffee, user should at least select 1 but cannot select more than 5 of a flavor of donut	<ul style="list-style-type: none"> Try to order coffee without selecting the quantity. 	By default, 1 will be selected as the quantity of donut.

9.	A coffee order cannot be placed if the user clicks on “add to order” then clicks on “cancel” in the alert window.	<ul style="list-style-type: none"> Try to click on “add to order” and then “cancel” in the alert window after. 	The order doesn’t get added to the store orders list.
10.	The user can only remove items from “Your Order” list, once the item is selected.	<ul style="list-style-type: none"> Try to remove items without selecting anything. 	The first item in the list gets removed by default.
11.	The user cannot place an order if the “Your order” list is empty.	<ul style="list-style-type: none"> Try to place an order when the “Your Order” list is empty. 	Alert window pops up displaying “Can’t place an empty order”
12.	An order cannot be placed until the user clicks “Ok” in the alert pop-up window.	<ul style="list-style-type: none"> Try to create an order then click “Ok” in the alert window. 	The order gets added to “store orders” list.
13.	In the “Store Orders” window, the user cannot export or cancel if the “Store Orders” list is empty.	<ul style="list-style-type: none"> Try to cancel or export when the “Store Orders” list is empty. 	Alert window pops up displaying “Can’t export/cancel” an empty list.
14.	The user cannot manually manipulate the price of order.	<ul style="list-style-type: none"> Try to cancel or export when the “Store Orders” list is empty. 	The price of order is not affected.
15.	The price shall update automatically according to what order is being created.	<ul style="list-style-type: none"> Try to check and uncheck boxes in the coffee menu. 	The price should update after every check or unchecking a box.
16.	While ordering donuts, the user cannot add the same flavor if it was already added before.	<ul style="list-style-type: none"> Try to add the same flavor a second time. 	The flavor should disappear after adding it to the list for the first time.
17.	While ordering donuts, user can select different quantity and flavor and add to list	<ul style="list-style-type: none"> Try to add different flavors with different quantities to list 	Sub-total should be updating
18.	A donut or coffee order cannot be placed if the user clicks on “add to order” then clicks on “cancel” in the alert window.	<ul style="list-style-type: none"> Try to click on “add to order” and then “cancel” in the alert window after. 	The order doesn’t get added to the basket list.
19.	After either donut or coffee order is	<ul style="list-style-type: none"> Try to click on “place 	All previous options

	placed and in Basket view, user can place an order or remove an order	order” and then “remove selected item” in basket window	selected in either coffee or donut should be reset
20.	A donut or coffee order can be added if the user clicks on “add to order” then clicks on “ok” in the alert window.	<ul style="list-style-type: none"> • Try to click on “add to order” and then “ok” in the alert window after. 	The order gets added to the basket list.
21.	After user adds multiple orders to store order list, combobox can have multiple order numbers	<ul style="list-style-type: none"> • Try to click on “place order” in basket window and then check to see if total cost and combobox is updated correctly 	Combobox number of options should be same as number of orders added and each order should show the correct total cost
22.	After user adds multiple menu items to basket list, sub-total, tax, and total after tax should be shown	<ul style="list-style-type: none"> • Try to click on “add order” in both coffee and donut window and then check sub-total, tax, and total cost after tax 	Check if sub-total, tax, and total cost after tax is correctly updated
23.	User should see confirmation alerts after adding order in basket window, placing order in store window	<ul style="list-style-type: none"> • Try to click on “add order” in both coffee and donut window and then “place order” button 	Confirmation alert window should pop-up
24.	User should reset basket window after placing an order	<ul style="list-style-type: none"> • Try to click on “place order” button in basket window 	List, subtotal, tax, total, should all reset to default
25.	User should only be able to have 2 windows open at a time, with the main view always open	<ul style="list-style-type: none"> • Try to different combinations of clicking on “order coffee”, “order donut”, “your order”, “store order” 	It should be replacing one another if you click a window when 2 is already open. Main view should always be open.
26.	User should not be able to see selected donut flavor if coming back to the type with that flavor	<ul style="list-style-type: none"> • Select a donut type (say cake donut), add a flavor (old fashioned), add it to the list, select another donut type (yeast donut), add any flavor, go select previous donut type (cake donut) Try for all donut types 	Added flavor (old fashioned) shouldn't appear in the list

27.	An order can be placed if the user clicks on "place order" then clicks on "ok" in the alert window.	<ul style="list-style-type: none">• Try to click on "place order" and then "ok" in the alert window after.	The order gets added to the store orders list.
28.	An order cannot be placed if the user clicks on "place order" then clicks on "cancel" in the alert window.	<ul style="list-style-type: none">• Try to click on "add to order" and then "cancel" in the alert window after.	The order doesn't get added to the store orders list.