

Ordering YeastDonuts:			
Test Case #	Requirement	Test description and Input Data	Expected result/output
1	The method shall not accept an order placed without any donuts in the cart.	<ul style="list-style-type: none"> Empty Cart when order is placed test data: empty cart 	Warning. Please pick a donut.
2	The method shall not accept an order placed with a flavor selected, but not added to cart.	<ul style="list-style-type: none"> Empty cart with flavor selected. test data: flavor selected 	Warning. Please pick a donut.
3	The method shall not allow a yeast donut to be placed in cart if none are selected.	<ul style="list-style-type: none"> No yeast donut selected, button to add to cart is pressed. test data: add to cart button is pressed with no yeast donut selected 	Warning. Please pick a donut.
4	The method shall accept a yeast donut with a flavor selected and added to cart.	<ul style="list-style-type: none"> Cart with donut (selected flavor) Test data: yeast donut with flavor selected and added to cart 	Cart is updated with updated price and quantity.
5	The method shall accept a yeast donut with a flavor selected and added to cart, with a quantity from 1 to a dozen selected.	<ul style="list-style-type: none"> Cart with donut (quantity, selected flavor) Test data: yeast donut flavor added to cart, quantity $0 < x < 13$ 	Cart is updated with updated price and quantity.
6	The method shall accept more than one yeast donut with a flavor selected and added to cart.	<ul style="list-style-type: none"> Cart with donuts (selected flavor) Test data: atleast two different yeast donuts (quantity 1 per) added to cart 	Cart is updated with updated price and quantity.
7	The method shall accept more than one yeast donut with a flavor selected and added to cart.	<ul style="list-style-type: none"> Cart with donuts (quantity, selected flavor) Test data: atleast two different yeast donuts with different quantities added to cart 	Cart is updated with updated price and quantity.

Ordering CakeDonuts:			
Test Case #	Requirement	Test description and Input Data	Expected result/output
1	The method shall not accept an order placed without any donuts in the cart.	<ul style="list-style-type: none"> Empty Cart when order is placed test data: empty cart 	Warning. Please pick a donut.

2	The method shall not accept an order placed with a flavor selected, but not added to cart.	<ul style="list-style-type: none"> • Empty cart with flavor selected. • test data: flavor selected 	Warning. Please pick a donut.
3	The method shall accept a cake donut with a flavor selected and added to cart.	<ul style="list-style-type: none"> • Cart with donut (selected flavor) • Test data: cake donut with flavor selected and added to cart 	Cart is updated with updated price and quantity.
4	The method shall accept a cake donut with a flavor selected and added to cart, with a quantity from 1 to a dozen selected.	<ul style="list-style-type: none"> • Cart with donut (quantity, selected flavor) • Test data: cake donut flavor added to cart, quantity $0 < x < 13$ 	Cart is updated with updated price and quantity.
5	The method shall accept more than one cake donut with a flavor selected and added to cart.	<ul style="list-style-type: none"> • Cart with donuts (selected flavor) • Test data: atleast two different cake donuts (quantity 1 per) added to cart 	Cart is updated with updated price and quantity.
6	The method shall accept more than one cake donut with a flavor selected and added to cart.	<ul style="list-style-type: none"> • Cart with donuts (quantity, selected flavor) • Test data: atleast two different cake donuts with different quantities added to cart 	Cart is updated with updated price and quantity.
7	The method shall not allow a cake donut to be placed in cart if none are selected.	<ul style="list-style-type: none"> • No cake donut selected, button to add to cart is pressed. • test data: add to cart button is pressed with no cake donut selected 	Warning. Please pick a donut.

Ordering DonutHoles:			
Test Case #	Requirement	Test description and Input Data	Expected result/output
1	The method shall not accept an order placed without any donuts in the cart.	<ul style="list-style-type: none"> • Empty Cart when order is placed • test data: empty cart 	Warning. Please pick a donut.
2	The method shall not accept an order placed with a flavor selected, but not added to cart.	<ul style="list-style-type: none"> • Empty cart with flavor selected. • test data: flavor selected 	Warning. Please pick a donut.
3	The method shall accept donut holes with a flavor selected and added to cart.	<ul style="list-style-type: none"> • Cart with donut holes (selected flavor) • Test data: donut holes with flavor selected and added to cart 	Cart is updated with updated price and quantity.

4	The method shall accept donut holes with a flavor selected and added to cart, with a quantity from 1 to a dozen selected.	<ul style="list-style-type: none"> • Cart with donut holes (quantity, selected flavor) • Test data: donut holes flavor added to cart, quantity $0 < x < 13$ 	Cart is updated with updated price and quantity.
5	The method shall accept more than one donut hole with a flavor selected and added to cart.	<ul style="list-style-type: none"> • Cart with donut holes (selected flavor) • Test data: at least two different donut holes (quantity 1 per) added to cart 	Cart is updated with updated price and quantity.
6	The method shall accept more than one donut hole with a flavor selected and added to cart.	<ul style="list-style-type: none"> • Cart with donut holes (quantity, selected flavor) • Test data: at least two different donut holes with different quantities added to cart. 	Cart is updated with updated price and quantity.
7	The method shall not allow a donut hole to be placed in cart if none are selected.	<ul style="list-style-type: none"> • No donut holes selected, button to add to cart is pressed. • test data: add to cart button is pressed with no donut holes selected 	Warning. Please pick a donut.

Ordering Donuts (General):			
Test Case #	Requirement	Test description and Input Data	Expected result/output
1	The method shall not accept an order placed without any donuts in the cart.	<ul style="list-style-type: none"> • Empty Cart when order is placed • test data: empty cart 	Warning. Please pick a donut.
2	The method shall not accept an order placed with a flavor selected, but not added to cart.	<ul style="list-style-type: none"> • Empty cart with flavor selected. • test data: flavor selected 	Warning. Please pick a donut.
3	The method shall accept any combination of donuts with a flavor selected and added to cart.	<ul style="list-style-type: none"> • Cart with any combination of donuts (selected flavor) • Test data: any combination of donuts with flavor selected and added to cart 	Cart is updated with updated price and quantity.
4	The method shall accept any combination of donuts with a flavor selected and added to cart, with a quantity from 1 to a dozen selected.	<ul style="list-style-type: none"> • Cart with any combination of donuts (quantity, selected flavor) • Test data: any combination of donuts flavor added to cart, quantity $0 < x < 13$ 	Cart is updated with updated price and quantity.
5	The method shall accept more than one combination of donuts with a flavor selected and added to cart.	<ul style="list-style-type: none"> • Cart with any combination of donuts (selected flavor) • Test data: at least two different combinations of donuts (quantity 1 per) added to cart 	Cart is updated with updated price and quantity.

6	The method shall accept more than one combination of donuts with a flavor selected and added to cart.	<ul style="list-style-type: none"> • Cart with donut holes (quantity, selected flavor) • Test data: at least two different combinations of donuts with different quantities added to cart. 	Cart is updated with updated price and quantity.
7	The method shall accept an order placed when there is a valid number of items in the cart.	<ul style="list-style-type: none"> • Cart with any valid combination of donuts • Test data: cart with any valid combination of donuts added to order. 	Confirmation. Donut(s) have been added to Order.
8	The method shall not allow a donut to be placed in cart if none are selected.	<ul style="list-style-type: none"> • No donut selected, button to add to cart is pressed. • test data: add to cart button is pressed with no donut selected 	Warning. Please pick a donut.

Coffee:			
Test Case #	Requirement	Test description and Input Data	Expected result/output
1	The method shall accept an order when no options are selected.	<ul style="list-style-type: none"> • Coffee order with no options selected after navigating to coffee ordering screen. • test data: no items selected (will default to short, black coffee) 	Confirmation. Coffee has been added to Order.
2	The method shall accept a coffee order with no add-ins, and any size selected.	<ul style="list-style-type: none"> • Black coffee with size selected. • test data: no add-ins selected, short coffee • test data: no add-ins selected, tall coffee • test data: no add-ins selected, grande coffee • test data: no add-ins selected, venti coffee 	Confirmation. Coffee has been added to Order.
3	The method shall accept a coffee order with any combination of add-ins, with the base size selected.	<ul style="list-style-type: none"> • Coffee with size defaulted to short, and any variation of add-ins selected. • Test data: short size, combination of cream, milk, whipped cream, syrup, and caramel detected 	Cart is updated with updated price and quantity.
4	The method shall accept a coffee order with any combination of add-ins, with any size selected.	<ul style="list-style-type: none"> • Coffee with any size selected, and any variation of add-ins selected. • Test data: any size, combination of cream, milk, whipped cream, syrup, and caramel detected 	Cart is updated with updated price and quantity.

5	The method shall accept a coffee order with no add-ins, any size selected, and any quantity selected.	<ul style="list-style-type: none"> • Black coffee with size selected, and any quantity selected. • test data: no add-ins selected, short coffee • test data: no add-ins selected, tall coffee • test data: no add-ins selected, grande coffee • test data: no add-ins selected, venti coffee 	Cart is updated with updated price and quantity.
6	The method shall accept a coffee order with any combination of add-ins, with the base size selected, and any quantity selected.	<ul style="list-style-type: none"> • Coffee with size defaulted to short, any quantity selected, and any variation of add-ins selected. • Test data: short size, combination of cream, milk, whipped cream, syrup, and caramel detected 	Cart is updated with updated price and quantity.
7	The method shall accept a coffee order with any combination of add-ins, with any size selected.	<ul style="list-style-type: none"> • Coffee with any size selected, any variation of add-ins selected, and any quantity selected. • Test data: any size, combination of cream, milk, whipped cream, syrup, and caramel detected 	Cart is updated with updated price and quantity.

Your Order:			
Test Case #	Requirement	Test description and Input Data	Expected result/output
1	The method should show all donuts added to order.	<ul style="list-style-type: none"> • Instance of order with valid donut(s) added • test data: order with donuts added 	Order with correct prices and tax.
2	The method should show all coffee added to order.	<ul style="list-style-type: none"> • Instance of order with valid coffee(s) added • test data: order with coffee added 	Order with correct prices and tax.
3	The method should show the combination of coffee and donuts added to order.	<ul style="list-style-type: none"> • Instance of order with valid donut(s) and coffee(s) added • test data: order with donuts and coffee added 	Order with correct prices and tax.
4	The method should not allow a user to place an order with an empty order.	Instance of order with no donut(s) and coffee(s) added <ul style="list-style-type: none"> • test data: empty cart 	Warning. You have an empty order. Please select some donuts and coffee.

5	The method should show the original price, sales-tax, and final price.	<ul style="list-style-type: none"> Instance of order with items in the cart. test data: valid cart 	Order with correct prices and tax.
6	The method should throw an error if the 'remove selected item' button is pressed with no item selected.	<ul style="list-style-type: none"> Instance of order with or without items in test data: 'Remove Selected Item' button pressed when no item is selected 	Warning. Please pick an item.
7	The method should remove a selected item if item is selected, then 'Remove Selected Item' button is pressed.	<ul style="list-style-type: none"> Instance of order with valid items in test data: 'Remove Selected Item' button pressed when item is selected 	Update original price, sales tax, and final price.

Store Orders:			
Test Case #	Requirement	Test description and Input Data	Expected result/output
1	The method should show all orders successfully placed.	<ul style="list-style-type: none"> Valid order is placed test data: valid order placed 	Order with correct prices and tax.
2	The method should cancel current order on screen when 'Cancel Order' button is selected	<ul style="list-style-type: none"> Valid order is placed and on the screen, selected currently test data: valid order placed, cancel order button is pressed 	Order with correct prices and tax.
3	The method should throw an error when 'Cancel Order' button is pressed and no orders are in cart	<ul style="list-style-type: none"> No orders placed test data: 'Cancel Order' button pressed 	Warning. No order to cancel.
4	The method should show the total order cost on the screen.	<ul style="list-style-type: none"> Valid order placed test data: valid order placed 	Order with correct prices and tax.
5	The method should export orders to .txt file when 'Export Orders' button is pressed.	Instance of order with no donut(s) and coffee(s) added <ul style="list-style-type: none"> test data: empty cart 	Information. Orders are exported.

6	The method should throw an error if there are no orders in cart and 'Export Orders' button is pressed	<ul style="list-style-type: none">• No orders placed• test data: 'Export Orders' button pressed	Warning. You have no orders.
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