

System Test Plan for CoffeeShop

The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing Ctrl+C. You will need to fill in your Actual Results for the given tests and write the six additional tests, including actual results (shaded areas). Be sure to add your name as the author for the tests you write.

Test ID	Description	Expected Results	Actual Results
testInvalidTime-outsideOfRange Author: Dr. Balik	<i>Preconditions:</i> CoffeeShop program started <<Header>> Please enter time (hr mn, eg. 8 59): 6 20	Invalid time Program Exits	Invalid time Program Exits
testInvalidTime-invalidMinutes Author: Dr. Balik	<i>Preconditions:</i> CoffeeShop program started <<Header>> Please enter time (hr mn, eg. 8 59): 10 62	Invalid time Program Exits	Invalid time Program Exits
testZipcodeOutsideDeliveryArea Author: Dr. Balik	<i>Preconditions:</i> CoffeeShop program started <<Header>> Please enter time (hr mn, eg. 8 59): 3 4 Are you on-campus? (y/n): n Please enter your zipcode: 11111	Sorry, we do not deliver to that location. Program Exits	Sorry, we do not deliver to that location. Program Exits

Test ID	Description	Expected Results	Actual Results
testInvalidZipcode Author: Dr. Balik	<i>Preconditions:</i> CoffeeShop program started <<Header>> Please enter time (hr mn, eg. 8 59): 5 58 Are you on-campus? (y/n): abc Please enter your zipcode: -5	Sorry, we do not deliver to that location. Program Exits	Sorry, we do not deliver to that location. Program Exits
testInvalidNumber OfChaiTeas Author: Mrs. Glatz	<i>Preconditions:</i> CoffeeShop program started <<Header>> Please enter time (hr mn, eg. 8 59): 4 32 Are you on-campus? (y/n): Y Please enter the number of each drink that you would like to purchase: Small Coffee: 2 Medium Coffee: 0 Large Coffee: 1 Strawberry Mango Smoothie: 0 Mocha Shake: 0 Chai Tea: -2	Invalid amount Program Exits	Invalid amount Program Exits

Test ID	Description	Expected Results	Actual Results
testInvalidNumber OfMediumCoffees Author: Dr. Balik	<i>Preconditions:</i> CoffeeShop program started <<Header>> Please enter time (hr mn, eg. 8 59): 4 32 Are you on-campus? (y/n): Y Please enter the number of each drink that you would like to purchase: Small Coffee: 2 Medium Coffee: -4	Invalid amount Program Exits	Invalid amount Program Exits
testInvalidNumber OfLargeCoffees Author: Mrs. Glatz	<i>Preconditions:</i> CoffeeShop program started <<Header>> Please enter time (hr mn, eg. 8 59): 4 32 Are you on-campus? (y/n): Y Please enter the number of each drink that you would like to purchase: Small Coffee: 2 Medium Coffee: 0 Large Coffee: -1	Invalid amount Program Exits	Invalid amount Program Exits

Test ID	Description	Expected Results	Actual Results
testInvalidNumber OfShakes	<p><i>Preconditions:</i> CoffeeShop program started</p> <p><<Header>></p> <p>Author: Mrs. Glatz</p> <p>Please enter time (hr mn, eg. 8 59): 1 15</p> <p>Are you on-campus? (y/n): Yep</p> <p>Please enter the number of each drink that you would like to purchase:</p> <p>Small Coffee: 2</p> <p>Medium Coffee: 4</p> <p>Large Coffee: 0</p> <p>Strawberry Mango Smoothie: 1</p> <p>Mocha Shake: -1</p>	<p>Invalid amount</p> <p>Program Exits</p>	<p>Invalid amount</p> <p>Program Exits</p>

Test ID	Description	Expected Results	Actual Results
testOnCampusNormalTimeDeliveryFee	<p><i>Preconditions:</i> CoffeeShop program started</p> <p><<Header>></p> <p>Please enter time (hr mn, eg. 8 59): 10 25</p> <p>Are you on-campus? (y/n): y</p> <p>Please enter the number of each drink that you would like to purchase:</p> <p>Small Coffee: 1</p> <p>Medium Coffee: 0</p> <p>Large Coffee: 0</p> <p>Strawberry Mango Smoothie: 0</p> <p>Mocha Shake: 0</p> <p>Chai Tea: 0</p>	<p>Cost of Order: \$3.49</p> <p>Estimated Delivery Time: 10:40</p> <p>Program Exits</p>	<p>Cost of Order: \$3.49</p> <p>Estimated Delivery Time: 10:40</p> <p>Program Exits</p>

Test ID	Description	Expected Results	Actual Results
testOnCampusNormalTimeDeliveryFree-MultipleItems Author: Dr. Balik	<p><i>Preconditions:</i> CoffeeShop program started</p> <p><<Header>></p> <p>Please enter time (hr mn, eg. 8 59): 9 5</p> <p>Are you on-campus? (y/n): yesssss</p> <p>Please enter the number of each drink that you would like to purchase:</p> <p>Small Coffee: 2</p> <p>Medium Coffee: 0</p> <p>Large Coffee: 3</p> <p>Strawberry Mango Smoothie: 1</p> <p>Mocha Shake: 0</p> <p>Chai Tea: 2</p>	<p>Cost of Order: \$25.95</p> <p>Estimated Delivery Time: 9:20</p> <p> </p> <p>Program Exits</p>	<p>Cost of Order: \$25.95</p> <p>Estimated Delivery Time: 9:20</p> <p> </p> <p>Program Exits</p>

Test ID	Description	Expected Results	Actual Results
testOffCampusBus yTime-NoDeliveryF ee-MultipleItems Author: Dr. Balik	<p><i>Preconditions:</i> CoffeeShop program started</p> <p><<Header>></p> <p>Please enter time (hr mn, eg. 8 59): 7 20</p> <p>Are you on-campus? (y/n): nope</p> <p>Please enter your zipcode: 27605</p> <p>Please enter the number of each drink that you would like to purchase:</p> <p>Small Coffee: 0</p> <p>Medium Coffee: 2</p> <p>Large Coffee: 2</p> <p>Strawberry Mango Smoothie: 2</p> <p>Mocha Shake: 1</p> <p>Chai Tea: 3</p>	<p>Cost of Order: \$35.96</p> <p>Estimated Delivery Time: 8:00</p> <p>Program Exits</p>	<p>Cost of Order: \$35.96</p> <p>Estimated Delivery Time: 8:00</p> <p>Program Exits</p>

Test ID	Description	Expected Results	Actual Results
testOffCampusNormalTime-DeliveryFee-MultipleItems	<p><i>Preconditions:</i> CoffeeShop program started</p> <p><<Header>></p> <p>Please enter time (hr mn, eg. 8 59): 11 55</p> <p>Are you on-campus? (y/n): n</p> <p>Please enter your zipcode: 27606</p> <p>Please enter the number of each drink that you would like to purchase:</p> <p>Small Coffee: 0</p> <p>Medium Coffee: 0</p> <p>Large Coffee: 0</p> <p>Strawberry Mango Smoothie: 1</p> <p>Mocha Shake: 2</p> <p>Chai Tea: 0</p>	<p>Cost of Order: \$15.50</p> <p>Estimated Delivery Time: 12:20</p> <p>Program Exits</p>	<p>Cost of Order: \$15.50</p> <p>Estimated Delivery Time: 12:20</p> <p>Program Exits</p>

Test ID	Description	Expected Results	Actual Results
testOnCampusBus yTimeOneOfEachItem	<p><i>Preconditions:</i> CoffeeShop program started</p> <p><<Header>></p> <p>Author: Jayani Sivakumar</p> <p>Please enter time (hr mn, eg. 8 59): 7 30</p> <p>Are you on-campus? (y/n): y</p> <p>Please enter the number of each drink that you would like to purchase:</p> <p>Small Coffee: 1</p> <p>Medium Coffee: 1</p> <p>Large Coffee: 1</p> <p>Strawberry Mango Smoothie: 1</p> <p>Mocha Shake: 1</p> <p>Chai Tea: 1</p>	<p>Cost of Order: \$21.47</p> <p>Estimated Delivery Time: 8:00</p> <p>Program Exits</p>	<p>Cost of Order: \$21.47</p> <p>Estimated Delivery Time: 8:00</p> <p>Program Exits</p>

Test ID	Description	Expected Results	Actual Results
testInvalidNumber OfSmallCoffees	<p><i>Preconditions:</i> CoffeeShop program started</p> <p><<Header>></p> <p>Author: Jayani Sivakumar</p> <p>Please enter time (hr mn, eg. 8 59): 11 30</p> <p>Are you on-campus? (y/n): y</p> <p>Please enter the number of each drink that you would like to purchase:</p> <p>Small Coffee: -4</p>	<p>Invalid amount</p> <p>Program Exits</p>	<p>Invalid amount</p> <p>Program Exits</p>

testInvalidNumber OfSmoothies	<i>Preconditions:</i> CoffeeShop program started <<Header>> Please enter time (hr mn, eg. 8 59): 2 34 Are you on-campus? (y/n): y Please enter the number of each drink that you would like to purchase: Small Coffee: 1 Medium Coffee: 0 Large Coffee: 0 Strawberry Mango Smoothie: -9	Invalid amount Program Exits	Invalid amount Program Exits

Test ID	Description	Expected Results	Actual Results
test27606BusyTimeFiveMediumFiveTea	<p><i>Preconditions:</i> CoffeeShop program started</p> <p><<Header>></p> <p>Author: Jayani Sivakumar</p> <p>Please enter time (hr mn, eg. 8 59): 8 08</p> <p>Are you on-campus? (y/n): n</p> <p>Please enter your zipcode: 27606</p> <p>Please enter the number of each drink that you would like to purchase:</p> <p>Small Coffee: 0</p> <p>Medium Coffee: 5</p> <p>Large Coffee: 0</p> <p>Strawberry Mango Smoothie: 0</p> <p>Mocha Shake: 0</p> <p>Chai Tea: 5</p>	<p>Cost of Order: \$32.45</p> <p>Estimated Delivery Time: 8:58</p> <p>Program Exits</p>	<p>Cost of Order: \$32.45</p> <p>Estimated Delivery Time: 8:58</p> <p>Program Exits</p>

Test ID	Description	Expected Results	Actual Results
test27605NormalTimeOneSmoothie Author: Jayani Sivakumar	<p><i>Preconditions:</i> CoffeeShop program started</p> <p><<Header>></p> <p>Please enter time (hr mn, eg. 8 59): 9 56</p> <p>Are you on-campus? (y/n): n</p> <p>Please enter your zipcode: 27605</p> <p>Please enter the number of each drink that you would like to purchase:</p>	<p>Cost of Order: \$6.50</p> <p>Estimated Delivery Time: 10:16</p> <p>Program Exits</p>	<p>Cost of Order: \$6.50</p> <p>Estimated Delivery Time: 10:16</p> <p>Program Exits</p>

	<p>Small Coffee: 0</p> <p>Medium Coffee: 0</p> <p>Large Coffee: 0</p> <p>Strawberry Mango Smoothie: 1</p> <p>Mocha Shake: 0</p> <p>Chai Tea: 0</p>		
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Test ID	Description	Expected Results	Actual Results
testOnCampusNormalTimeZeroOfEachItem Author: Jayani Sivakumar	<p><i>Preconditions:</i> CoffeeShop program started</p> <p><<Header>></p> <p>Please enter time (hr mn, eg. 8 59): 1 36</p> <p>Are you on-campus? (y/n): y</p> <p>Please enter the number of each drink that you would like to purchase:</p> <p>Small Coffee: 0</p> <p>Medium Coffee: 0</p> <p>Large Coffee: 0</p> <p>Strawberry Mango Smoothie: 0</p> <p>Mocha Shake: 0</p> <p>Chai Tea: 0</p>	<p>Cost of Order: \$0.00</p> <p>Estimated Delivery Time: 1:51</p> <p>Program Exits</p>	<p>Cost of Order: \$0.00</p> <p>Estimated Delivery Time: 1:51</p> <p>Program Exits</p>

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