System Test Plan for SandwichShop

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
	Preconditions: SandwichShop program started
	
	<<Header>>
	
	Please enter time (hr mn, eg. 4 59): **13 34**
		Invalid time
		
		Program Exits
			`Invalid time`
			
			`Program Exits`

testInvalidDate-OutsideOfRange
 	
Author: Dr. Balik
	Preconditions: SandwichShop program started
	
	<<Header>>
	
	Please enter time (hr mn, eg. 4 59): **6 32**
	Please enter date (month day, eg. 3 25): **10 3**
		Invalid date
		
		Program Exits
			`Invalid date`
			
			`Program Exits`

testInvalidDate-DayZero
 	
Author: Mrs. Glatz
	Preconditions: SandwichShop program started
	
	<<Header>>
	
	Please enter time (hr mn, eg. 4 59): **6 59**
	Please enter date (month day, eg. 3 25): **11 0**
		Invalid date
		
		Program Exits
			`Invalid date`
			
			`Program Exits`

Test ID	Description	Expected Results	Actual Results
testInvalidNumberOfVeggieDelite Author: Dr. Balik	*Preconditions:* SandwichShop program started <<Header>> Please enter time (hour min, eg. 4 59): **4 5** Please enter date (month day, eg. 3 25): **12 31** Please enter the number of each sandwich/beverage that you would like to purchase: Chicken Supreme: **2** Burger Bonanza: **0** Veggie Delite: **-3**	Invalid amount Program Exits	Invalid amount Program Exits
testInvalidNumberOfBurgerBonanza Author: Mrs Glatz	*Preconditions:* SandwichShop program started <<Header>> Please enter time (hour min, eg. 4 59): **4 5** Please enter date (month day, eg. 3 25): **12 31** Please enter the number of each sandwich/beverage that you would like to purchase: Chicken Supreme: **1** Burger Bonanza: **-1**	Invalid amount Program Exits	Invalid amount Program Exits
Test ID	**Description**	**Expected Results**	**Actual Results**

Test ID	Description	Expected Results	Actual Results
testInvalidNumberOfChocolateShake Author: Mrs Glatz	*Preconditions:* SandwichShop program started <<Header>> Please enter time (hour min, eg. 4 59): **4 5** Please enter date (month day, eg. 3 25): **12 31** Please enter the number of each sandwich/beverage that you would like to purchase: Chicken Supreme: **1** Burger Bonanza: **0** Veggie Delite: **2** Water: **1** Coffee: **0** Chocolate Shake: -**2**	Invalid amount Program Exits	Invalid amount Program Exits

Test ID	Description	Expected Results	Actual Results
testInvalidNumberOfCoffee Author: Mrs Glatz	*Preconditions:* SandwichShop program started <<Header>> Please enter time (hour min, eg. 4 59): **4 5** Please enter date (month day, eg. 3 25): **12 31** Please enter the number of each sandwich/beverage that you would like to purchase: Chicken Supreme: **1** Burger Bonanza: **0** Veggie Delite: **2** Water: **1** Coffee: **-10**	Invalid amount Program Exits	Invalid amount Program Exits

Test ID	Description	Expected Results	Actual Results
testWeekend Author: Dr. Balik	Please enter time (hour min, eg. 4 59): **3 15** *Preconditions:* SandwichShop program started <<Header>> Please enter date (month day, eg. 3 25): **11 9** Please enter the number of each sandwich/beverage that you would like to purchase: Chicken Supreme: **1** Burger Bonanza: **0** Veggie Delite: **2** Water: **1** Coffee: **1** Chocolate Shake: **1**	Cost of Order: $22.15 Estimated Pickup Time: 3:45 Program Exits	Costs of order: $22.15 Estimated Pickup Time: 3:45 Program Exits

Test ID	Description	Expected Results	Actual Results
testWeekdayTwelveToOne Author: Dr. Balik	*Preconditions:* SandwichShop program started \<\<Header\>\> Please enter time (hour min, eg. 4 59): **12 55** Please enter date (month day, eg. 3 25): **10 23** Please enter the number of each sandwich/beverage that you would like to purchase: Chicken Supreme: **0** Burger Bonanza: **3** Veggie Delite: **0** Water: **1** Coffee: **2** Chocolate Shake: **0**	Cost of Order: $21.90 Estimated Pickup Time: 1:15 Program Exits	Cost of Order: $21.90 Estimated Pickup Time: 1:15 Program Exits

Test ID	Description	Expected Results	Actual Results
testNoItemsOrdered Author: Dr. Balik	*Preconditions:* SandwichShop program started <<Header>> Please enter time (hour min, eg. 4 59): **5 12** Please enter date (month day, eg. 3 25): **12 6** Please enter the number of each sandwich/beverage that you would like to purchase: Chicken Supreme: **0** Burger Bonanza: **0** Veggie Delite: **0** Water: **0** Coffee: **0** Chocolate Shake: **0**	Cost of Order: $0.00 Program Exits	Cost of Order: $0.00 Program Exits

| testInvalidNumberOfChickenSupreme

Author: Josh Yale | *Preconditions:* SandwichShop program started

<<Header>>

Please enter time (hour min, eg. 4 59): **5 12**
Please enter date (month day, eg. 3 25): **12 6**

Please enter the number of each sandwich/beverage that you would like to purchase:
Chicken Supreme: **-1** | Invalid amount

Program Exits | Invalid amount

Program Exits |
| testInvalidNumberOfWater

Author: Josh Yale | *Preconditions:* SandwichShop program started

<<Header>>

Please enter time (hour min, eg. 4 59): **5 12**
Please enter date (month day, eg. 3 25): **12 6** | Invalid amount

Program Exits | Invalid amount

Program Exits |

| | Please enter the number of each sandwich/beverage that you would like to purchase:
Chicken Supreme: **0**
Burger Bonanza: **0**
Veggie Delite: **0**
Water: **-100** | | |

Test ID	Description	Expected Results	Actual Results
testInvalidMinute11:60 Author: Josh Yale	*Preconditions:* SandwichShop program started <<Header>> Please enter time (hour min, eg. 4 59): **5 67**	Invalid time Program Exits	Invalid time Program Exits

testOrderTime6: 50ThursdayOne OfEachItem Author: Josh Yale	*Preconditions:* SandwichShop program started <<Header>> Please enter time (hour min, eg. 4 59): **6 50** Please enter date (month day, eg. 3 25): **11 14** Please enter the number of each sandwich/beverage that you would like to purchase: Chicken Supreme: **1** Burger Bonanza: **1** Veggie Delite: **1** Water: **1** Coffee: **1** Chocolate Shake: **1**	Cost of Order: $22.70 Estimated Pickup Time: 7:10 Program Exits	Cost of Order: $22.70 Estimated Pickup Time: 7:10 Program Exits

Test ID	Description	Expected Results	Actual Results

testInvalidDay11 32
 	
Author: Josh Yale
	Preconditions: SandwichShop program started
	
	<<Header>>
	
	Please enter time (hour min, eg. 4 59): **6 50**
	Please enter date (month day, eg. 3 25): **11 32**
		Invalid date
		
		Program Exits
			`Invalid date`
			
			`Program Exits`

testOrderTime 11:00SundayOn eCoffee
 	
Author: Josh Yale
	Preconditions: SandwichShop program started
	
	<<Header>>
	
	Please enter time (hour min, eg. 4 59): **11 0**
	Please enter date (month day, eg. 3 25): **11 17**
		Cost of Order: $1.95
		Estimated Pickup Time: 11:30
		
		Program Exits
			`Cost of Order: $1.95`
			`Estimated Pickup Time: 11:30`
			
			`Program Exits`

	Please enter the number of each sandwich/beverage that you would like to purchase: Chicken Supreme: **0** Burger Bonanza: **0** Veggie Delite: **0** Water: **0** Coffee: **1** Chocolate shake: **0**		