Unit test-cases for Sandwich Ordering System

**Summary:**

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| --- | --- |
| SW Version Under Test | V1.0 |
| Test Performed by | Ankit Patel |
| Test Performed Date | Oct 16, 2017 |
| Overall Test Status | PASS |

**Description of Sandwich Ordering System*:***

Create a Sandwich Ordering System for a major Sandwich company. The requirements are as follows:

1.      The system should allow the customer to order from a list of Signature Sandwiches.

2.      The system should also have an option to order Drink along with Sandwiches.

3.      The user can add a drink and chips with sandwich to make it a Meal combo. Meal combos should be able have discounted prices.

4.      System should allow the user to order custom sandwiches.

a.      A custom sandwich is made of at least Bread and a main filling.

b.      Optionally the user can add Cheese, Vegetables and Condiments.

c.      The system should allow only one kind of bread and one kind of main filling.

5.      The system should allow the user to make multiple orders.

6.      The system should present the user with total price before placing the final order.

**Unit Test Details:**

**Purpose:**

To test order of a Signature Sandwich

**Test Setup:**

1. Launch SandwichOrderingSystem.exe application.

**Unit Test Cases:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case** | **Test Steps** | **Expected Result** | **Observed Result** | **Pass/ Fail** |
| 1 | Press 1 for “Start Ordering” and press enter.  Press 2 for “Sandwich” and press enter.  Press 1 for “Signature Sandwich” and press enter.  Press 1 to select “Vegetarian Sandwich” and press enter. | The terminal should display that the order is created. | The terminal displayed that the order is created. | Pass |
| 2 | Press 1 for “Start Ordering” and press enter.  Press 2 for “Sandwich” and press enter.  Press 1 for “Signature Sandwich” and press enter.  Press 4 to insert any random input. | The terminal should display the error message and order should have been cancelled. | The terminal displayed the error message and order was cancelled. | Pass |

**Unit Test Details:**

**Purpose:**

To test order of Drink along with Sandwiches.

**Test Setup:**

1. Launch SandwichOrderingSystem.exe application.

**Unit Test Cases:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case** | **Test Steps** | **Expected Result** | **Observed Result** | **Pass/ Fail** |
| 1 | Press 1 for “Start Ordering” and press enter.  Press 2 for “Sandwich” and press enter.  Press 1 for “Signature Sandwich” and press enter.  Press 1 to select “Vegetarian Sandwich” and press enter.  Press enter after order is created successfully.  Press 1 for “Start Ordering” and press enter.  Press 4 for “Drinks” and press enter.  Press 1 for “Coke” and press enter. | The terminal should display that the order is created. | The terminal displayed that the order is created. | Pass |

**Unit Test Details:**

**Purpose:**

To test order a drink and chips with sandwich to make it a Meal combo with a discounted price.

**Test Setup:**

1. Launch SandwichOrderingSystem.exe application.

**Unit Test Cases:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case** | **Test Steps** | **Expected Result** | **Observed Result** | **Pass/ Fail** |
| 1 | Press 1 for “Start Ordering” and press enter.  Press 1 for “Combo” and press enter.  Press 1 for “Signature Sandwich” and press enter.  Press 1 to select “Vegetarian Sandwich” and press enter.  Press 1 for “Coke” and press enter.  Press 1 for “Lays” and press enter.  After order is created successfully press enter.  Press 2 to Check the order. | The terminal should display that the order is created and the order details should display combo order details with discounted price | The terminal displayed that the order was created and the order details displayed combo order details with discounted price | Pass |

**Unit Test Details:**

**Purpose:**

To test ordering custom sandwiches with one bread, one main filling and one/multiple optional items.

**Test Setup:**

1. Launch SandwichOrderingSystem.exe application.

**Unit Test Cases:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case** | **Test Steps** | **Expected Result** | **Observed Result** | **Pass/ Fail** |
| 1 | Press 1 for “Start Ordering” and press enter.  Press 2 for “Sandwich” and press enter.  Press 2 for “Custom Sandwich” and press enter.  Press 1 to select bread and press enter.  Press 1 to select mainfilling and press enter.  Type 1,2,3 to select the optionals and press enter. | The terminal should display that the order is created. | The terminal displayed that the order is created. | Pass |
| 2 | Press 1 for “Start Ordering” and press enter.  Press 2 for “Sandwich” and press enter.  Press 2 for “Custom Sandwich” and press enter.  Press 1 to select bread and press enter.  Press 1 to select mainfilling and press enter.  Type “1,2,3” to select the optionals and press enter. | The system should not allow entering multiple Bread or Main Fillings. | The system did not allow entering multiple Bread or Main Fillings. | Pass |
| 3 | Press 1 for “Start Ordering” and press enter.  Press 2 for “Sandwich” and press enter.  Press 2 for “Custom Sandwich” and press enter.  Press 1 to select bread and press enter.  Press 1 to select mainfilling and press enter.  Type “1, 2, 3” to select the optionals and press enter. | The system should allow entering multiple Optional items. | The system allowed entering multiple Optional items. | Pass |

**Unit Test Details:**

**Purpose:**

To test ordering multiple orders.

**Test Setup:**

1. Launch SandwichOrderingSystem.exe application.

**Unit Test Cases:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case** | **Test Steps** | **Expected Result** | **Observed Result** | **Pass/ Fail** |
| 1 | Press 1 for “Start Ordering” and press enter.  Press 2 for “Sandwich” and press enter.  Press 2 for “Custom Sandwich” and press enter.  Press 1 to select bread and press enter.  Press 1 to select mainfilling and press enter.  Type 1,2,3 to select the optionals and press enter.  After the order is created successfully,press enter.  Press 1 for “Start Ordering” and press enter.  Press 2 for “Sandwich” and press enter.  Press 1 for “Signature Sandwich” and press enter.  Press 1 to select “Vegetarian Sandwich” and press enter. | The terminal should display that the order is created. Also Checking the order should display both orders for Custom sandwich and Signature sandwich. | The terminal displayed that the order was created. Also Checking the order displayed both orders for Custom sandwich and Signature sandwich. | Pass |

**Unit Test Details:**

**Purpose:**

To test total price for order before placing the final order.

**Test Setup:**

1. Launch SandwichOrderingSystem.exe application.

**Unit Test Cases:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test Case** | **Test Steps** | **Expected Result** | **Observed Result** | **Pass/ Fail** |
| 1 | Press 1 for “Start Ordering” and press enter.  Press 2 for “Sandwich” and press enter.  Press 2 for “Custom Sandwich” and press enter.  Press 1 to select bread and press enter.  Press 1 to select mainfilling and press enter.  Type 1,2,3 to select the optionals and press enter.  After the order is created successfully,press enter.  Press 1 for “Start Ordering” and press enter.  Press 2 for “Sandwich” and press enter.  Press 1 for “Signature Sandwich” and press enter.  Press 1 to select “Vegetarian Sandwich” and press enter.  After the order is successfully created, press enter.  Press 2 to check the order. | Order details should display the orders and total order bill. | Order details displayed the orders and total order bill. | Pass |
| 2 | Press 2 to Check the order. | Order details should display no orders and total order bill should be 0. | Order details displayed no orders and total order bill was 0. | Pass |