**INPUT TESTING**

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| **Area Tested** | **Test Number** | | **Value/s Tested** | **Expected Outcome** | **Actual Outcome** |
| Bread  input  choices  Number  range  1-8 | 1 | 1.1 | 0  BVA | System should reject value and display  “Error: Range is 1 - 8. Please re-enter.  Please enter the bread type: “ | As expected |
| 1.2 | 8  BVA | System should display, for example  “The bread type is Gluten Free Roll” and it should go to the next step. | As expected |
| 1.3 | 9  BVA | System should reject value and display  “Error: Range is 1 - 8. Please re-enter.  Please enter the bread type: “ | As expected |
| 1.4 | letter | System should reject value and display  “Error: Illegal character(s) in input Please re-enter.  Please enter the bread type:” | As expected |
| 1.5 | blank | System should reject value and display  “Error: Illegal character(s) in input Please re-enter.  Please enter the bread type:” | As expected |
| 1.6 | Spaces | System should reject value and display  “Error: Illegal character(s) in input Please re-enter.  Please enter the bread type:” | Not as expected  Program crashes |
| Spread input  choices  Number range  1-2 | 2 | 2.1 | 0  BVA | System should reject value and display  “Error: Range is 1 - 3. Please re-enter.  Please enter the bread type: “ | As expected |
| 2.2 | 2  BVA | System should display, for example  “The spread type is mayonnaise” and it should go to the next step. | As expected |
| 2.3 | 3  BVA | System should reject value and display  “Error: Range is 1 - 3. Please re-enter.  Please enter the bread type: “ | As expected |
| 2.4 | letter | System should reject value and display  “Error: Illegal character(s) in input Please re-enter.  Please enter the bread type:” | As expected |
| 2.5 | Spaces | System should reject value and display  “Error: Illegal character(s) in input Please re-enter.  Please enter the bread type:” | As expected |
| Meat input  choices  Number range  1-10 | 3 | 3.1 | 0  BVA | System should reject value and display  “Error: Range is 1 - 3. Please re-enter.  Please enter the bread type: “ | As expected |
| 3.2 | 10  BVA | System should display, for example  “The meat type is Chicken Tikka” and it should go to the next step. | As expected |
| 3.3 | 11  BVA | System should reject value and display  “Error: Range is 1 - 10. Please re-enter.  Please enter the bread type: “ | As expected |
| 3.4 | space | System should reject value and display  “Error: Illegal character(s) in input  Please re-enter. | As expected |
| 3.5 | letter | System should reject value and display  “Error: Illegal character(s) in input Please re-enter. | As expected |
| 3.6 | blank | System should reject value and display  “Error: Illegal character(s) in input Please re-enter.  “Error: Illegal character(s) in input Please re-enter. | Not as expected |
| Extra input  choices  Y/N | 4 | 4.1 | numbers | System should reject value and display  “Error: Input must be either Y or N. Please re-enter.  Would you like any extras: “ | As expected |
| 4.2 | Letters other than Y​/N | System should reject value and display  “Error: Input must be either Y or N. Please re-enter.  Would you like any extras: “ | As expected |
| 4.3 | Y | System should go to the next step.  Please enter the meat choice: | As expected |
| 4.4 | N | System should go to the next step.  Please enter the meat choice: | As expected |
| 4.5 | spaces | System should reject value and display  “Error: Input must be either Y or N. Please re-enter.  Would you like any extras: “ | As expected |
| 4.6 | blank | System should reject value and display  “Error: Input must be either Y or N. Please re-enter.  Would you like any extras: “ | Not as expected |
| The option of  any  Salad  at all  input  choices | 5 | 5.1 | numbers | System should reject value and display  “Error: Input must be either Y or N. Please re-enter.  Would you like any extras: “ | As expected |
| 5.2 | Letters other than Y​/N | System should reject value and display  “Error: Input must be either Y or N. Please re-enter.  Would you like any extras: “ | As expected |
| 5.3  5.4 | Y/N entry | System should go to the next step.  Please enter the meat choice: | As expected |
| 5.5 | Spaces | System should reject value and display  “Error: Input must be either Y or N. Please re-enter.  Would you like any extras: “ | As expected |
| 5.6 | blank | System should reject value and display  “Error: Input must be either Y or N. Please re-enter.  Would you like any extras: “ | Not as expected |
| salad  input  choices | 6 | 6.1 | 0  BVA | System should reject value and display  “Error: Range is 1 - 10. Please re-enter.  Please enter the bread type: “ | As expected |
| 6.2 | 12  BVA | System should display, for example  Please enter the salad choice: 12  The salad chosen is coleslaw | As expected |
| 6.3 | 13  BVA | System should reject value and display  “Error: Range is 1 - 10. Please re-enter.  Please enter the bread type: “ | As expected |
| 6.4 | Letter | System should reject value and display  “Error: Illegal character(s) in input  Please re-enter. | As expected |
| 6.5 | spaces | System should reject value and display  “Error: Illegal character(s) in input  Please re-enter. | As expected |
| 6.6 | blank | System should reject value and display  “Error: Illegal character(s) in input  Please re-enter. | As expected |
| Sauce input  choices | 7 | 7.1 | 0  BVA | System should reject value and display  “Error: Range is 1 - 5. Please re-enter.  Please enter the bread type: “ | As expected |
| 7.2 | 5  BVA | System should display, for example | As expected |
| 7.3 | 6  BVA | System should reject value and display  “Error: Range is 1 - 10. Please re-enter.  Please enter the bread type: “ | As expected |
| 7.4 | Letters | System should reject value and display  “Error: Illegal character(s) in input Please re-enter. | As expected |
| 7.5 | blank | System should reject value and display  “Error: Illegal character(s) in input Please re-enter. | As expected |
| 7.6 | space | System should reject value and display  “Error: Illegal character(s) in input Please re-enter. | Not as expected |
| Check out Input | 8 | 8.1 | numbers | System should reject value and display  “Error: Input must be either Y or N. Please re-enter.  Would you like any extras: “ | As expected |
| 8.2 | Letters other than Y​/N | System should reject value and display  “Error: Input must be either Y or N. Please re-enter.  Would you like any extras: “ |
| 8.3 | Y/N entry | System should go to the next step. |
| 8.4 | Spaces | System should reject value and display  “Error: Illegal character(s) in input Please re-enter. |
| 8.5 | blank | System should reject value and display  “Error: Illegal character(s) in input Please re-enter. |
| Functional calculation tests | | | | | |
| Checking the numbers of items being selected and the relevant price is added. | 10 | 10.1 |  |  | As expected |
| 10.2 |  |  |  |
| 10.3 |  |  |  |
| 10.4 |  |  |  |
| 10.5 |  |  |  |
| 10.6 |  |  |  |
| Checking for different combination of sandwich choice and the outcome of correct price printed | 11 |  |  |  | As expected |
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| Checking for the correct print lay out | 12 |  |  |  | As expected |
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| Checking for the correct total calculation | 13 |  |  |  | As expected |
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|  | 14 |  | Leave blank |  |  |
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|  | 15 |  | 6 spaces |  |  |
| Answer | 1 |  | Y |  | : |
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**PROCESS TESTING**

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| **Area Tested** | **Test Number** | **Value/s Tested** | **Display Expected Outcome** | **Actual Outcome** |
| Main Options | 1 | Option Number one | Display the Sandwich menu | As expected.  Correct display. |
| Printing the sandwich content | 2 | Correct calculation and content display | Display the correct  Sandwich, contents, Extras and Price and Total. | As expected  Correct calculations |
| Return the Sandwich Menu | 3 | Returning to Sandwich selection | When Y is chosen the Sandwich menu should be displayed again. | s expected |
| Returning to  Home  main option | 4 | Returning to Home to the main option | When N is chosen the Sandwich menu should be displayed again. | As expected |
| The Hot Food  Option | 5 | Checking the Option number 3 | Display the Hot Food menu | As expected |
| Printing the  Hot food  content | 6 | Correct calculation and content display | Display the correct  Hot Food, contents, Extras and Price and Total. | As expected |