**Assessment Program 2 - Test Document**

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| Test Case | Description | Input Test Data | Expected Output | Actual Output | Result |
| 1 | * The program displays a menu with items and prices: Apple (A) , Orange (O), and Pear (P) * The program FAILS if customer tries to buy an item which does not exists in the menu | Menu:   * A: 3 * O: 2 * P: 4   Budget: 5  Purchase Item: M | Purchase FAILED |  | Pass |
| 2 | * The program displays a menu with items and prices: Apple (A) , Orange (O), and Pear (P) * The program FAILS if customer tries to buy an item with insufficient budget | Menu:   * A: 3 * O: 2 * P: 4   Budget: 1  Purchase Item: A | Purchase FAILED |  | Pass |
| 3 | At the end of purchase operation, the program asks if the customer wants to keep shopping   * If the customer enters (y) the program restarts | Do you want to keep shopping (y/n): y | Program loops and checks if user wants to keep shopping |  | Pass |
| 4 | At the end of purchase operation, the program asks if the customer wants to keep shopping   * If the customer enters (n) the program terminates with thank you message | Do you want to keep shopping (y/n): n | Program terminates |  | Pass |
| 5A | * The program displays a menu with items and prices: Apple (A) , Orange (O), and Pear (P) * The program SUCCEEDS if customer buys an item which exist in the menu and have sufficient budget | Menu:   * A: 3 * O: 2 * P: 4   Budget: 5  Purchase Item: A | Purchase SUCCESS  Remaining Budget: 2 |  | Pass |
| 5B | * Customer enters (y) to keep shopping * The program FAILS if the customer tries to buy another item which exceeds his/her remaining budget | Remaining Budget: 2  Purchase Item: P | Purchase FAILED |  | Pass |
| 5C | * Customer enters (y) to keep shopping * The program SUCCEEDS if the customer tries to buy another item with sufficient remaining budget | Remaining Budget: 2  Purchase Item: O | Purchase SUCCESS  Remaining Budget: 0 |  | Pass |

Example Test Case Document

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| Test Case | Description | Input Test Data | Expected Output | Actual Output | Result |
| Ex. 1 | * The program displays a menu with items and prices: Apple (A) , Orange (O), and Pear (P) * The program SUCCEEDS if the customer buys an item which exist in the menu and have sufficient budget | Menu:   * A: 5 * O: 5 * P: 5   Budget: 7  Purchase Item: A | Purchase SUCCESS  Remaining Budget: 2 | Text  Description automatically generated | Pass |