**C#**

**Self-Checkout**

**Test Report**

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Authors** | **Description of Change** | **Sections** | **Rev** | **Date** |
| Luis Cornejo | Init() | all | 1.0 | May 10, 2018 |
|  |  |  |  |  |

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# Team Description

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# Introduction

This document summarizes the results of our testing procedure.

## Identification

|  |  |
| --- | --- |
| **Software Revision Tested:** | 1.1 |
| **Revision Release Date:** | April 24, 2018 |

# Test Results

The testing was done on a PC with Microsoft Windows 10 installed. Our test procedures were completed successfully with the software behaving correctly on all steps.

## Test Case 1 Results: Checkout

Description: This test demonstrates the add to cart, remove item and purchase summary/inventory view functionality of the self checkout system.

Steps:

1. Start the checkout system by double clicking the selfcheckout.exe **Result:** Program started up
2. Observe display **Result:** Checkout button is correctly greyed and unselectable. Inventory grid contains item list
3. Add apple to cart by double click (grid on the right) **Result:** Item appeared in the right side cart grid. Item was removed from inventory grid. Running total updated and checkout button green and clickable.
4. Attempt to remove item from basket, select call employee button **Result:** Employee credential window appeared
5. Enter valid employee credentials in the credential window **Result:** Credentials were accepted. Cart grid items turn red and are removable
6. Select item for removal **Result:** Item was removed from cart grid. Running total updated and the item in the inventory was restored
7. Self Checkout Button **Result:** Cart was cleared along with running total, receipt is shown in console
8. Open the employee login window, enter manager credentials **Result:** Credentials were accepted, purchase summary shown, inventory shown

Bugs Found: No bugs found

## Test Case 2 Results: Manager Update Inventory

Description: This test demonstrates the managers ability to update the inventory

Steps:

1. Open the employee login window, enter manager credentials **Result:** Credentials were accepted, Inventory screen was displayed
2. Update inventory while system is running **Result:** Item was accepted. Inventory updated upon restart.
3. Add item with a count of 0 **Result:** Item accepted but considered out of stock
4. Add item with the same ItemID as a different item **Result:** Duplicate item is rejected.

Bugs Found: No bugs found