

## **Scenario 1: Multi-Currency Support – Customer can pay for products using British or Euro coins**

### Positive Test Cases

TC\_1: Validate that it Accepts British Coins.

TC\_2: Validate that it Accepts Euro Coins.

TC\_3: Validate that it Accepts Mixed British Coins.

TC\_4: Validate that it Accepts Mixed Euro Coins.

### Negative Test Cases

TC\_5: Validate it does not accept Euro Coins after British Coins have been Inserted.

TC\_6: Validate that it does not accept British Coins after Euro Coins have been Inserted.

TC\_7: Validate that it does not accept Defaced British Coins.

TC\_8: Validate that it does not accept Defaced Euro Coins.

## **Scenario 2: Dispensing Change – Coin paying customer can receive change after paying for all his/her products.**

### Positive Test Cases

TC\_9: Validate that the Remaining Credit of the Customer is Displayed on the Screen.

TC\_10: Validate that the Change of the Customer is Dispensed.

TC\_11: Validate that the Change of the Customer is Returned in the Smallest Coins.

TC\_12: Validate that the Customer Receives On-Screen Notification on the Change Dispensed.

TC\_13: Validate that the Customer is Notified via on the Display Screen Prior to making purchases when the Vending Machine is Unable to Offer Change.

### Negative Test Cases

TC\_14: Validate the Remaining Credit of the Customer is Not Displayed on the Screen.

TC\_15: Validate that the Change of the Customer is Not Dispensed.

TC\_16: Validate that the Change of the Customer is Not Returned in the Smallest Coins.

TC\_17: Validate that the Customer Does Not Receive On-Screen Notification on the Change Dispensed.

TC\_18: Validate that the Customer is Not Notified via on the Display Screen Prior to making purchases when the Vending Machine is Unable to Offer Change.

**Scenario 3: Multiple Vends – Coin paying customer can pay for more than one product in a single transaction.**

Positive Test Case

TC\_19: Validate that the Credit of the Customer is Displayed on the Display Screen.

Negative Test Case

TC\_20: Validate that the Credit of the Customer is Not Displayed on the Display Screen.

**Scenario 4: Contactless Payment – Customer is can pay for products using contactless debit/credit card or Apple Pay.**

Positive Test Case

TC\_21: Validate that the Customer's credit/bank account is Debited with the Value of the Selected Product.

Negative Test Case

TC\_22: Validate that the customer's credit/bank account is Not Debited with the Value of the Selected Product.

**Scenario 5: Monitoring & Alerting – Service Operator is notified by the machine of significant error**

Positive Test Cases

TC\_23: Validate that Operator Receives Email Notification When a Product reaches Low Stock.

TC\_24: Validate that Operator Receives Email Notification When a Product goes Out of Stock.

TC\_25: Validate that Operator Receives Email Notification When the Temperature of the Vending Machine goes Below or Above Pre-determined Range.

TC\_26: Validate that Operator Receives Email Notification When the Vending Machine Develops a Fault.

Negative Test Cases

TC\_27: Validate that Operator Does Not Receive Email Notification When a Product reaches Low Stock.

TC\_28: Validate that Operator Does Not Receive Email Notification When a Product goes Out of Stock.

TC\_29: Validate that Operator Does Not Receive Email Notification When the Temperature of the Vending Machine goes Below or Above Pre-determined Range.

TC\_30: Validate that Operator Does Not Receive Email Notification When the Vending Machine Develops a Fault.

**Questions for the Product Owner:**

Is the user able to insert two coins at the same time?

What kind of snack items are dispensed by the vending machine?

What is the power supply source of the vending machine?

Would the vending machine be due for maintenance?