Purchase an Item

1. Customer enters coins.
2. System counts coins.
3. Customer selects item.
4. System performs inventory check for availability and price.
5. System compares coin total to item price, computes change.
6. System dispenses item and change.
7. System updates bank and inventory.

Variation # 1

* 1. In Step 4, System finds item is out of stock.
  2. System displays message

“Sorry, this item is out of stock. Select another item or Cancel.”

* 1. Continue with Step 3.

Variation # 2

2.1 In Step 5, coins entered are less than item price.  
2.2 System displays message  
 “Please enter an additional \_\_\_\_\_ to complete this   
 purchase, or select Cancel.”  
2.3 Continue with Step 1.

Variation # 3

3.1 In Step 2, user selects Cancel.  
 3.2 System returns collected coins.

Variation # 4

4.1 In Step 6, system finds bank coins insufficient to make change.  
 4.2 System returns last coin.  
 4.3 System displays message  
 “Please enter an additional \_\_\_\_\_ to complete this   
 purchase, or select Cancel.”  
 4.4 Continue with Step 1.

Price Check an Item

1. User selects item.
2. System displays price.

Access System Menu

1. Operator enters prompt.
2. System requests passcode.
3. Operator enters passcode.
4. System displays menu
   1. Check bank
   2. Re-stock inventory
   3. Change inventory
   4. Change passcode

Variation # 1

1.1 In Step 3, Operator enters incorrect passcode.  
1.2 System displays message  
 “This passcode is incorrect. Please try again or contact your   
 System Administrator for assistance.”  
1.3 Continue with Step 1.

Check Bank

1. Operator carries out Access System Menu.
2. Operator selects ‘Check bank’.
3. System displays bank total.
4. System displays message, “Dispense bank?”
5. Operator selects “Yes”.
6. System dispenses all coins, updates bank totals.
7. System displays message, “Log out?”
8. Operator selects “No”.
9. Continue with Access System Menu Step 4.

Re-Stock Inventory

1. Operator carries out Access System Menu.
2. Operator selects “Re-stock inventory”.
3. System displays inventory log.
4. Operator selects item and updates quantity.
5. Operator selects “Finished”.
6. System saves changes and displays message, “Log out?”
7. Operator selects “Yes”.
8. System returns to initial state.

Change Inventory

1. Operator carries out Access System Menu.
2. Operator selects ‘Change Inventory’.
3. System displays inventory log.
4. Operator changes items, quantities, and prices.
5. Operator selects “Finished”.
6. System saves changes and displays message, “Log out?”
7. Operator selects “Yes”
8. System returns to initial state.

Change Passcode

1. Operator carries out Access System Menu.
2. Operator selects ‘Change Passcode’.
3. System displays menu
   1. Change Operator passcode
   2. Change Administrator passcode
4. Operator selects ‘Change Operator passcode’.
5. System prompts for new passcode.
6. Operator enters new passcode.
7. System saves passcode and displays message  
    “Passcode change successful. Log out?”
8. Operator selects ‘Yes’.
9. System returns to initial state.

Variation # 1  
 1.1 In Step 3, Operator selects ‘Change Administrator passcode’.  
 1.2 System displays message ‘Please enter current Administrator   
 passcode.’  
 1.3 Operator enters Administrator passcode.  
 1.4 System checks passcode.  
 1.5 Continue with Step 4.