

## Title: Checking Out a Customer

Actor: Cashier

Actor Action	System Response
1. Select "Checkout" option in the main screen. ( <i>Diagram 1.0</i> )	2. Show the checkout screen for a new order. ( <i>Diagram 1.1</i> )
3. a) Scan item using barcode reader. b) Manually enter id and weigh item. (Ex. Produce) c) Manually enter id (Ex. damaged barcode)	4. Search internal database (excel sheet) for item information and subtract the item(s) from the inventory. Display item details on screen. ( <i>Diagram 1.2</i> )
5. Repeat step 3 for remaining items.	6. Repeat step 4 for new item.
7. Select "Finish and Pay"	8. Calculates the total price including tax of all the items and displays it. Show the payment screen options. ( <i>Diagram 1.3</i> )
9. a) Choose a card payment type. b) Choose cash payment. c) Choose other method (PayPal, Food Stamps, EBT, etc.)	10. a) Request user card. ( <i>Diagram 1.4</i> ) b) Display cash payment page and request cash. ( <i>Diagram 1.6</i> ) c) Request type of 'other' payment. ( <i>Diagram 1.8</i> )
11. a) Swipe card. b) Enter cash given. c) Cashier completes appropriate action.	12. a) Request signature & zip-code/PIN. (This screen requests input from customer and not the employee.) ( <i>Diagram 1.5</i> ) b) Display change owed. ( <i>Diagram 1.7</i> ) c) System completes appropriate action.
13. a) Input signature & zip code/PIN. b) Give customer change.	14. Print receipt ( <i>Diagram 1.9</i> )
15. Give customer receipt.	

**Title: Adding new product to system.**

**Actor: Employee**

User Action	System Response
1. Employee opens application	2. System displays login screen. <i>(Diagram 2.0)</i>
3. Employee logs in.	4. System checks password/user id. Displays employee homepage. <i>(Diagram 2.1)</i>
5. Employee selects to view inventory.	6. Accesses item database (ex. excel). Display inventory information. <i>(Diagram 2.2)</i>
7. Employee selects "Add Inventory" option.	8. System displays form to add new inventory. <i>(Diagram 2.3)</i>
9. Employee enters relevant product information (name, barcode number, price/unit, number of units, provider, provider contact number, etc.). Submits form.	10. Shows confirmation screen. <i>(Diagram 2.4)</i>
11. User confirms data change.	12. System updates database. System returns to inventory page. New item is present on inventory page. <i>(Diagram 2.5)</i>

**Title: Update Product Information****Actor: Employee**

User Action	System Response
1. Employee opens application	2. System displays login screen. <i>(Diagram 3.0)</i>
3. Employee logs in.	4. System checks password/user id. Displays employee homepage. <i>(Diagram 3.1)</i>
5. Employee selects to view inventory.	6. Accesses item database (ex. excel). Display inventory information. <i>(Diagram 3.2)</i>
7. Employee selects "Update Inventory Information" option.	8. System displays search menu. <i>(Diagram 3.3)</i>
9. Employee inputs search item.	10. System returns search results (current information on the item that was searched for). <i>(Diagram 3.4)</i>
11. Employee selects "Edit" for that item.	12. System displays form to update information. <i>(Diagram 3.5)</i>
13. Employee modifies appropriate data within the form. Employee selects "save".	14. System displays confirmation page. <i>(Diagram 3.6)</i>
15. User selects confirm or cancel if appropriate (if cancel, return to step 10).	16. Old information overwritten with new information. Return to inventory screen. New item information is present. <i>(Diagram 3.7)</i>

USE CASE 01: Checking out a Customer

Diagram 1.0

CHECKOUT

Diagram 1.1

No Items Scanned

Subtotal: \$0.00  
Tax: \$0.00  
Total: \$0.00

Finish & Pay

Diagram 1.2

Apples: \$1.00  
Qt. 3  
Pears: \$2.00  
Qt. 4  
Subtotal: \$11.00  
Tax: \$1.00  
Total: \$12.00

Finish & Pay

Diagram 1.3

Subtotal: \$11.00  
Tax: \$1.00  
Total: \$12.00

Choose a Payment:

Card

Cash

Other

Diagram 1.4

Swipe Card

Diagram 1.5

If Debit - Enter PIN:  
\_\_\_\_\_

If Credit - Enter Zip  
Code:  
\_\_\_\_\_

Diagram 1.6

Enter Amount Given:

\$\_\_\_\_\_

\$100\$50\$20

\$10\$5

Diagram 1.7

Change Owed:  
\$2.65

Continue

Diagram 1.8

Enter type of "other"  
payment: \_\_\_\_\_.

Other payment types are  
not yet supported on this  
system. Continue  
transaction manually.

Diagram 1.9

Printing Receipt...  
Please Wait.

# USE CASE 02: Adding New Product

Diagram 2.0

Please Log in:

ID:\_\_\_\_\_

Password:\_\_\_\_\_

Login

Diagram 2.1

Welcome!

Select an option:

View Inventory

View Finances

Logout

Diagram 2.2

Select an item for more info.

ITEM:	PRICE:
PEAR	\$2.00
APPLE	\$1.00

Add New

Update Existing

Diagram 2.3

NAME: \_\_\_\_\_

BARCODE #: \_\_\_\_\_

PRICE: \_\_\_\_\_

PROVIDER: \_\_\_\_\_

# IN STOCK \_\_\_\_\_

COMMENTS: \_\_\_\_\_

Save

Diagram 2.4

Are you sure you want to add a new item?

Yes

No

Diagram 2.5

Select an item for more info.

ITEM:	PRICE:
PEAR	\$2.00
APPLE	\$1.00
BANANA	\$0.50

Add New

Update Existing

## USE CASE 03: Updating Product Information

Diagram 3.0

Please Log in:

ID:

Password:

Login

Diagram 3.1

Welcome!

Select an option:

View Inventory

View Finances

Logout

Diagram 3.2

Select an item for more info.

ITEM:	PRICE:
PEAR	\$2.00
APPLE	\$1.00
BANANA	\$0.50

Add New

Update Existing

Diagram 3.3

Enter a search for the item to be updated:

Search

Diagram 3.4

Search Results:

ITEM:	ID#:
BANANA	4857

Edit

Back

Diagram 3.5

NAME:	BANANA
BARCODE #:	4857
PRICE:	\$0.50
PROVIDER:	A Tree
# IN STOCK	500
COMMENTS:	Healthy :)

Save

Diagram 3.6

Are you sure you want to update the PRICE of BANANA to \$0.75?

Yes No

Diagram 3.7

Select an item for more info.

ITEM:	PRICE:
PEAR	\$2.00
APPLE	\$1.00
BANANA	\$0.75

Add New

Update Existing