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Below follows use cases and screenshots of the application related to the use cases. The application has more functionality than is just represented here, but only the three main use cases are described in this document.

Title: Checking Out a Customer

Actor: Cashier

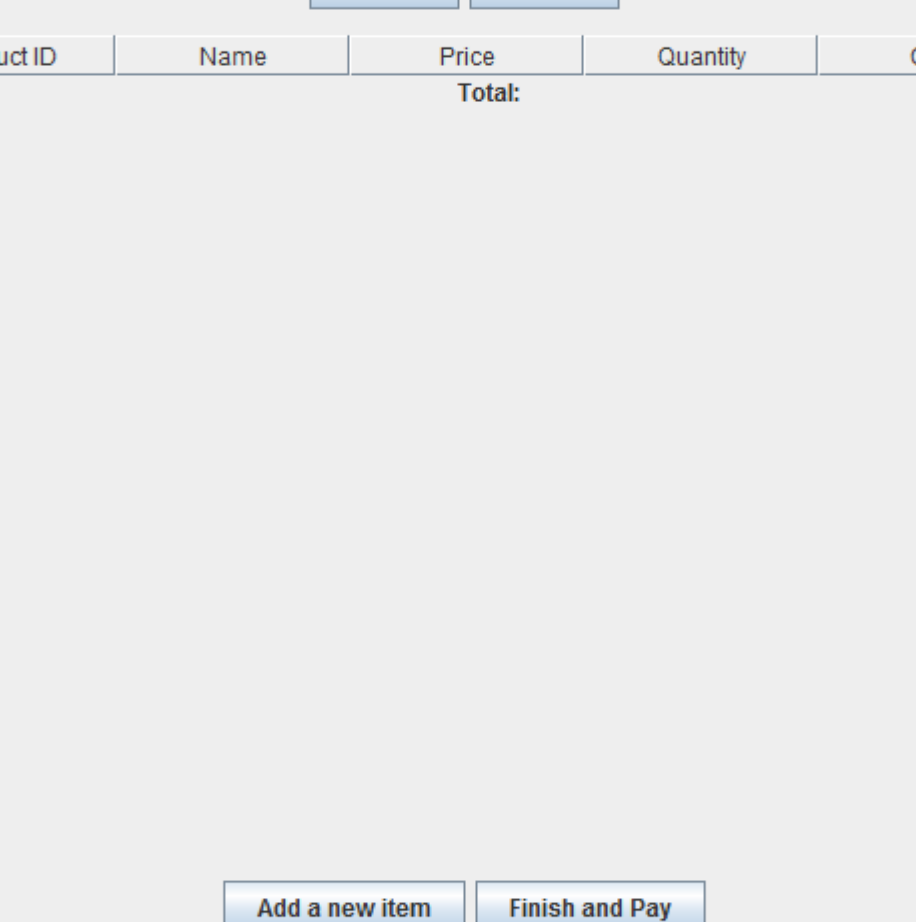
Actor Action	System Response
1. Select "Checkout" option in the main screen.	2. Show the checkout screen for a new order.
3. Select "Add New Item"	4. Shows dialog prompting user to enter item id and quantity.
5. User enters id into field, and then enters the quantity of items.	6. Search internal database (excel sheet) for item information and subtract the item(s) from the inventory. Display item details on screen.
7. Repeat step 3 for remaining items.	8. Repeat step 4 for new item.
9. Select "Finish and Pay"	10. Future functionality in later release.... For now, user is greeted by message reminding them that payment processing will be added later.

Store Management System

Exit

Checkout

Manage Inventory



Checkout

Back Exit

Product ID	Name	Price	Quantity	Cost
Total:				

Add a new item Finish and Pay

Checkout

Back

Exit

Product ID	Name	Price	Quantity	Cost
Total:				

Input

?

Product ID#:

100001

OK

Cancel

Add a new item

Finish and Pay

Checkout

Back

Exit

Product ID	Name	Price	Quantity	Cost
Total:				

Input

?

Quantity:

10

OK

Cancel

Add a new item

Finish and Pay

Checkout

Back

Exit

Product ID	Name	Price	Quantity	Cost
100001	Magic Beans	1.0	10.0	10.0

Total: 10.0

Add a new item

Finish and Pay



Checkout



Back

Exit

Product ID	Name	Price	Quantity	Cost
100001	Magic Beans	1.0	10.0	10.0
100005	Fidget Spinners	2.0	46.0	92.0
100002	Bananas	0.5	1.0	0.5

Total: 102.5

Add a new item

Finish and Pay



Checkout



Back

Exit

Product ID	Name	Price	Quantity	Cost
100001	Magic Beans	1.0	10.0	10.0
100005	Fidget Spinners	2.0	46.0	92.0
100002	Bananas	0.5	1.0	0.5

Total: 102.5

Message



This function is being implemented.

OK

Add a new item

Finish and Pay

Title: Updating an Existing Product

Actor: Employee

User Action	System Response
1. Employee selects "Manage Inventory"	2. Display options related to managing the store's inventory.
3. Employee selects "View Inventory"	4. System displays a list of known items within the store's inventory.
5. Employee selects button related to the item that they wish to modify.	6. Add/Update item menu is displayed with detailed information about the selected item.
7. Employee selects "change" next to the field they wish to change.	8. Dialog box opens prompting user to enter the new value for the field.
9. User enters data and clicks "OK"	10. Data is saved and item is updated within the SQL database.



Main Menu




Store Management System

Exit

Checkout

Manage Inventory

 Inventory

Back

Exit

Search by item id...

Search!

View Inventory

Add Item



Inventory



Back

Exit

Choose an item to change it or view details.

Magic Beans

Remove

Bananas

Remove

Tortillas

Remove

Dog Food

Remove

Fidget Spinners

Remove



Update/Add Item



Back

Exit

Change

ID: 100003

Change

Name: Tortillas

Change

Price: 10.0

Change

Quantity: 0.0

Change

Description: I LOVE TORTILLAS

Change

Supplier: The Korn Kids

Change

Measurement: 1 bag(10 tortillas)

Change

Expiration Date*: 1969-12-31

*Date is formatted as "YYYY-MM-DD"

Update/Add Item

Back

Exit

Change

ID:

100003

Change

Name:

Tortillas

Change

?

Enter a new value

OK

Cancel

Change

Supplier:

The Korn Kids

Change

Measurement:

1 bag(10 tortillas)

Change

Expiration Date*:

1969-12-31

*Date is formatted as "YYYY-MM-DD"



Update/Add Item



Back

Exit

Change

ID: 100003

Change

Name: Tortillas

Change

Price: 10.0

Change

Quantity: 10.0

Change

Description: I LOVE TORTILLAS

Change

Supplier: The Korn Kids

Change

Measurement: 1 bag(10 tortillas)

Change

Expiration Date*: 1969-12-31

*Date is formatted as "YYYY-MM-DD"

Title: Adding a New Product

Actor: Employee

User Action	System Response
1. Employee opens application	2. System displays main menu for user.
3. Employee selects "Manage Inventory"	4. Inventory management screen opens with various options.
5. Employee selects "Add item"	6. New item is created in database with a distinct id, and default values entered for the various data fields.
7. Employee selects "Change" for each field of data, and changes it to match information about the new item.	8. Product is updated in the SQL database.
9. Employee selects "back" to return to the inventory screen.	10. New item is displayed along with old ones and behaves the same as any other item.



Main Menu



Store Management System

Exit

Checkout

Manage Inventory

Back

Exit

Search by item id...

Search!

View Inventory

Add Item



Update/Add Item



Back

Exit

Change

ID:

100006

Change

Name:

Please Enter a Value

Change

Price:

0.0

Change

Quantity:

0.0

Change

Description:

Please Enter a Value

Change

Supplier:

Please Enter a Value

Change

Measurement:

Please Enter a Value

Change

Expiration Date*: 1970-01-01

*Date is formatted as "YYYY-MM-DD"



Update/Add Item



Back

Exit

Change

ID: 100006

Change

Name: Please Enter a Value

Change

Change

Change

Description: Please Enter a Value

Change

Supplier: Please Enter a Value

Change

Measurement: Please Enter a Value

Change

Expiration Date*: 1970-01-01

*Date is formatted as "YYYY-MM-DD"

Input

?

Enter a new value

OK Cancel



Update/Add Item



Back

Exit

Change

ID: 100006

Change

Name: Project Grade

Change

Price: 0.12

Change

Quantity: 2.0

Change

Description: "A"

Change

Supplier: COMP 2700

Change

Measurement: GPA Scale

Change

Expiration Date*: 2017-10-20

*Date is formatted as "YYYY-MM-DD"



Inventory



Back

Exit

Choose an item to change it or view details.

Magic Beans

Remove

Bananas

Remove

Tortillas

Remove

Dog Food

Remove

Fidget Spinners

Remove

Project Grade

Remove