Use Cases

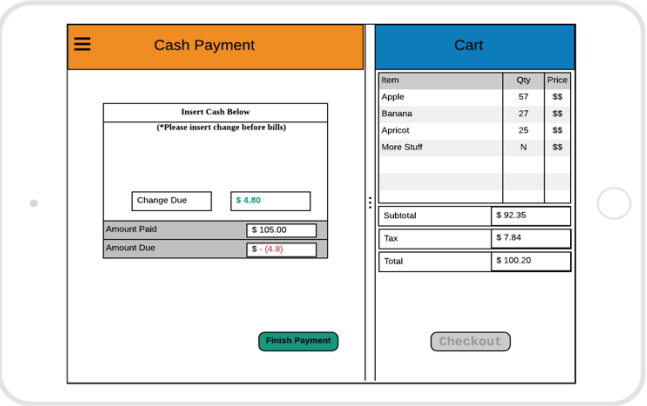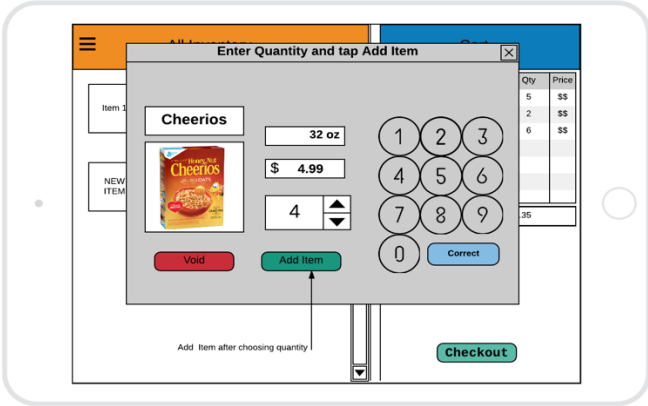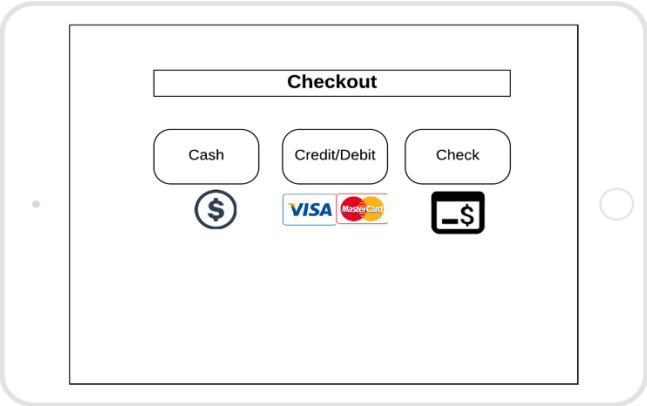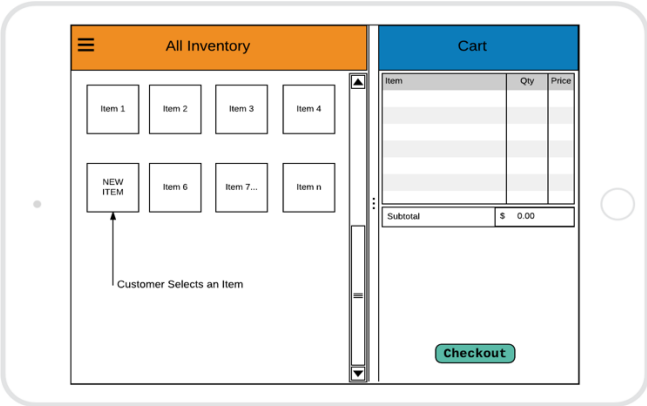**Story 1: As a user, I want to check out an order in store for a customer**

Actors: User
Pre-conditions: Customer has selected the items they want to buy and is ready for checkout
Goals: Check out an order for a customer

User Action	System Response
Step 1: Select the item the user wants to purchase or scan the item with a barcode scanner	Step 2: Make a window appear with a text field inside it asking for the user to enter the quantity of that item
Step 3: Enter the quantity of that item and click "Add Item". If its a produce item like apples or broccoli, weigh the item on the scale and enter the mass of the item in the text field.	Step 4: Add the item, its quantity, and the total price to a visible table on the computer screen so both the user and the customer can see the list of items that have been ordered so far.
Step 5: Repeat steps 1-4 for all items in the customer's order. Once all items have been entered, click "Checkout".	Step 6: Navigate to the next page asking for the user to enter cash, debit/credit card, or check
Step 7: Select a form of payment: 7a: Credit/Debit Card 7b: Cash 7c: Check	Step 8: 8a: Display "Insert or Swipe Card" on screen 8b: Display "Cash Payment" screen 8c: Display "Check Payment" screen
9a: Insert or swipe card 9b: Enter cash/check amount and click "Finish Payment"	10a: Display "Signature" screen 10b: Update revenue in the database from the amount of cash received and display "Transaction Complete!" and print receipt
11a: Sign signature and click "Finish"	12a: Update revenue in the database from the amount signed to receive from debit/credit card and display "Transaction Complete" screen and print receipt

Screen 1: All Inventory / Cart

☰	All Inventory			Cart		

Item 1	Item 2	Item 3	Item 4
NEW ITEM	Item 6	Item 7...	Item n

Customer Selects an Item

Item	Qty	Price

Subtotal	$ 0.00

Checkout

Screen 2: Checkout

Checkout

Cash — $

Credit/Debit — VISA MasterCard

Check — $

Screen 3: Enter Quantity and tap Add Item

Enter Quantity and tap Add Item ✕

Cheerios

32 oz

$ 4.99

4

	Qty	Price
	5	$$
	2	$$
	6	$$

1	2	3
4	5	6
7	8	9
0		Correct

Void | Add Item

Add Item after choosing quantity

Checkout

Screen 4: Cash Payment / Cart

☰	Cash Payment	Cart

Insert Cash Below
(*Please insert change before bills)

Change Due — $ 4.80

Amount Paid	$ 105.00
Amount Due	$ - (4.8)

Item	Qty	Price
Apple	57	$$
Banana	27	$$
Apricot	25	$$
More Stuff	N	$$

Subtotal	$ 92.35
Tax	$ 7.84
Total	$ 100.20

Finish Payment | Checkout

Screen 5: Transaction Complete

☰	Cash Payment	Cart

Transaction Complete ✕

Please remember to take your receipt below! Thank you for shopping with us!

OK

	Qty	Price
	57	$$
	27	$$
	25	$$
	N	$$

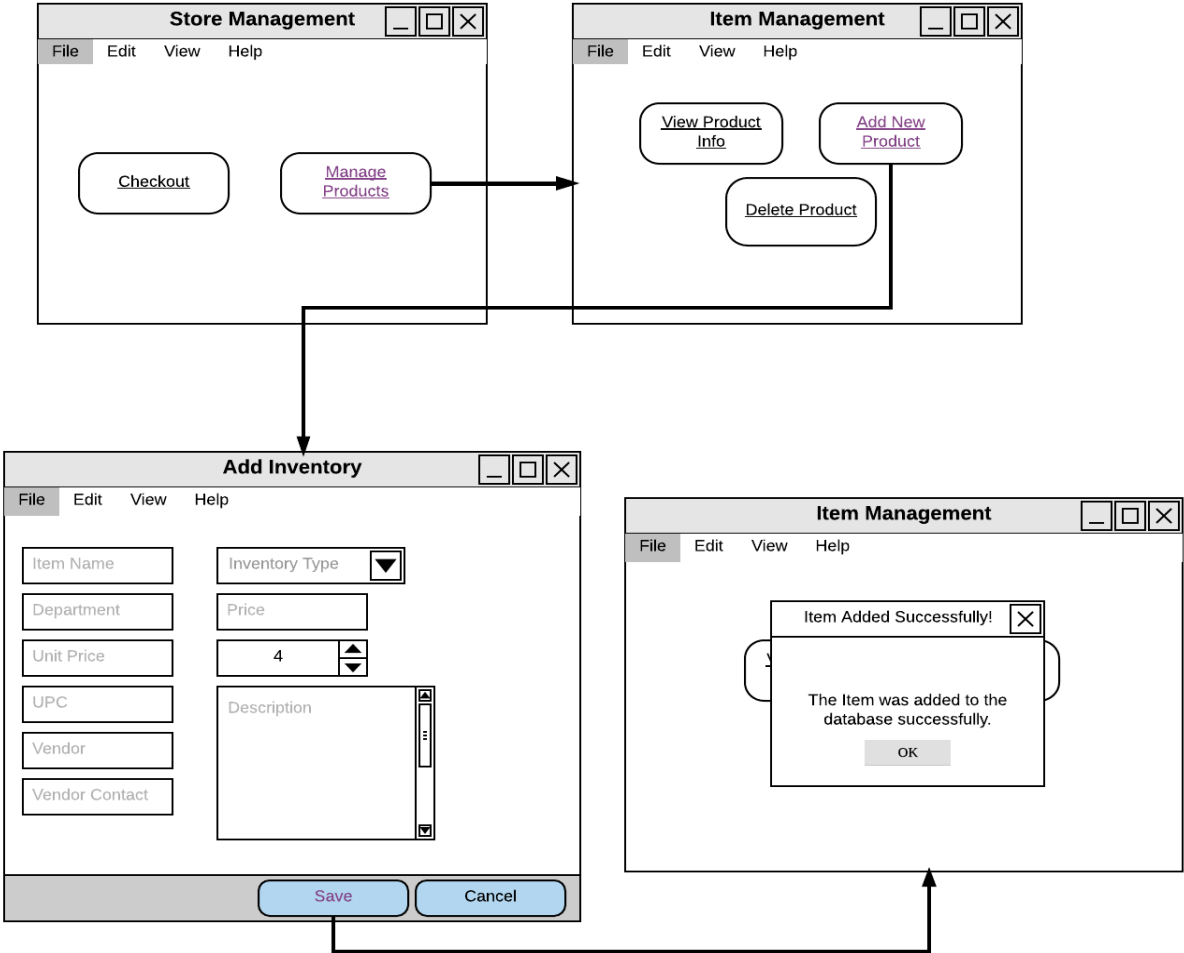|	$ 92.35
	$ 7.84
	$ 100.20

Finish Payment | Checkout

Story 2: As a user, I want to add a new product into the system

Actors: User

Pre-condition: Item is not in system

Goals: Add a new product into the new system

User Action	System Response
Step 1: On the main page, click "Add New Product"	Step 2: Navigate to the "Add New Product Page"

Step 3: Enter the appropriate information for the following fields:
    Name of Product
    Product's Barcode Number (if applicable)
    Initial Number of Available Units
    Price Per Unit
    Provider Name
    Provider Contact Info
then click "Add Product"
	Step 4: Save each field entered by the user into a "Product" object and add the object into a Product database. Output a message to the user saying that the product has been saved.

Store Management _ □ ✕

File   Edit   View   Help

Checkout

Manage
Products

Item Management _ □ ✕

File   Edit   View   Help

View Product
Info

Add New
Product

Delete Product

Add Inventory _ □ ✕

File   Edit   View   Help

Item Name

Department

Unit Price

UPC

Vendor

Vendor Contact

Inventory Type ▼

Price

4 ▲▼

Description

Save   Cancel

Item Management _ □ ✕

File   Edit   View   Help

Item Added Successfully! ✕

The Item was added to the
database successfully.

OK

Story 3: **As a user, I want to update information (e.g., price, available quantity) of a current product in the system.**

Actors: User
Pre-condition: Product exists in database
Goals: Update product information

User Action	System Response
Step 1: On the main page, find the product the user wishes to update in a table of products and click the "Edit" button.	Step 2: Because the button stores the id of that specific product, use the ProductID to pull all of the information about that product from the Product database. While navigating to the "Edit Product" page, fill the fields on the page with appropriate information stored in the database.
Step 3: On the "Edit Product" page, change any of the fields on the page that the user wants to update about the product, then click "Update".	Step 4: With the information entered by the user and the ProductID provided, find the product being updated in the database using the ProductID and update the databases information with the information provided by the user. Output a message saying the information has been updated.

Store Management

File   Edit   View   Help

Checkout   Manage
Products

Item Management

File   Edit   View   Help

View Product   Add New
Info   Product

Delete Product

All Inventory

File   Edit   View   Help

Item Name & UPC/PLU	Department	Unit Price	Edit
Cheerios / 2347345673	General	[4.99]	(SELECT)
Apple / 4167	Produce	[0.50]	(SELECT)
Ramen / 827349284567	General	[1.00]	(SELECT)
Beef Chuck Roast / 987372617890	Meat	[7.99]	(SELECT)
More Item Names / More IDs	Department	[Price]	(SELECT)

Edit Item

File   Edit   View   Help

Item Name   Inventory Type ▼

Department   Price

Unit Price   4

UPC   Description

Vendor

Vendor Contact

Update   Cancel

All Inventory

File   Edit   View   Help

Item Name & UPC/PLU	Department	Unit Price	Edit
Cheerios / 2347345673	General	[4.99]	(SELECT)
Apple / 4167		50]	(SELECT)
Ramen / 827349284		00]	(SELECT)
Beef Chuck Roast /		99]	(SELECT)
More Item Names /		ce]	(SELECT)

Item Updated

The Item was updated in the
database successfully.

OK