Use Cases

1 Faiza Mohamoud

Use-Case for Enroll a member (Created By: Faiza Mohamoud)

Actions performed by the actor	Responses from the system
	1. Giving the option to join as a member
2. Customer will reply yes or no.	
	3. If reply is no, stop with enrollment If it is yes, continue with enrollment
4. The clerk will ask customer for their name, address and phone number	
5. The store clerk will enter this information into the system including date joined and amount paid as a fee	
	6. Creates a unique ID for the member

Use-Case for Add Products (Created: Joshua Vang)

Actions performed by the actor	Responses from the system
1. The store clerk receives the shipment of the new products.	
2. The clerk issues a request to the system to add new products.	
	3. The system will ask for the identifier for the product name, product id, price, and minimum reorder level of the product.
4. The clerk generates the identifier for the product name, product id, price, and minimum reorder level of the product.	
	5. If the product name and product id is valid to the system, it enters all the information in the catalog merchant; otherwise print a message and exit the use-case. The system of the product is ordered twice the minimum reorder level and automatically reordered. Each item of the ordering system will receive a separate shipment from the system. The system will ask if there are more orders on a product.
6. The clerk will reply yes or no.	
	7. If the answer is affirmative, the system will go to Step 3. Otherwise, exit the system.

5 Kyle McClernon

Check out

Actor	System
1. The customer brings their cart to the cashier.	
2. The cashier then inputs the id and amount for all the items in the cart	
	3. The system finds each item's price.
	4. The system outputs the price of each group of items and their individual price, then presents the total amount.
5. The cashier completes the transaction with the customer	
	5. The system determines if any items need to be reordered, orders then, then tells the cashier what items were ordered.

Process Shipment

Actor	System
1. Clerk receives manifest from delivery and then issues request to update system.	
	2. System requests product ID, and quantity for each item.
3. Clerk enters information for product ID and quantity.	
	4. System receives new information and updates counts with the new information. And returns new total quantity. Then it asks if there are more shipments to be recorded.
5. Clerk enters Y/N. If Yes then goes back to step 3. Otherwise exits.	

9 Donald Roden

Print Transactions

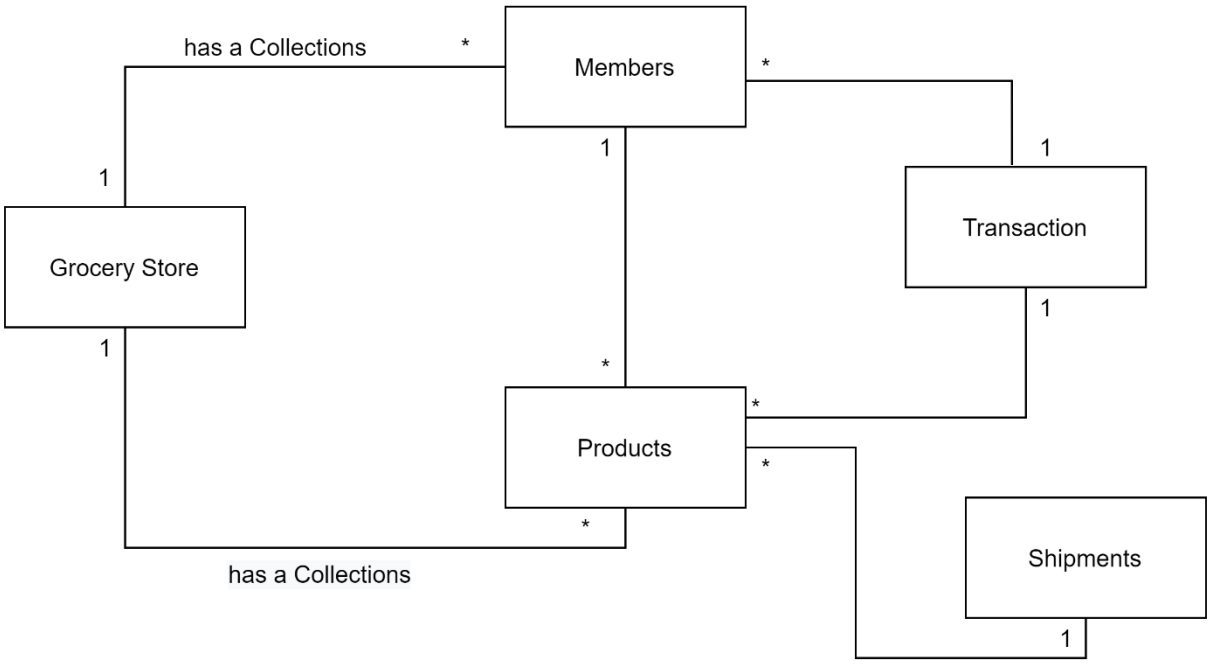
Actor	System
1.Clerk activates system for transactions.	
	2. System ask for member ID and two dates in (mm/dd/yyyy) format.
3. Clerk enters member ID, and dates.	
	4. System checks that the ID given is within the system and that the first date comes before the second. Then returns information about the members visits between the two dates.

12 Joseph Bergum

List All Orders

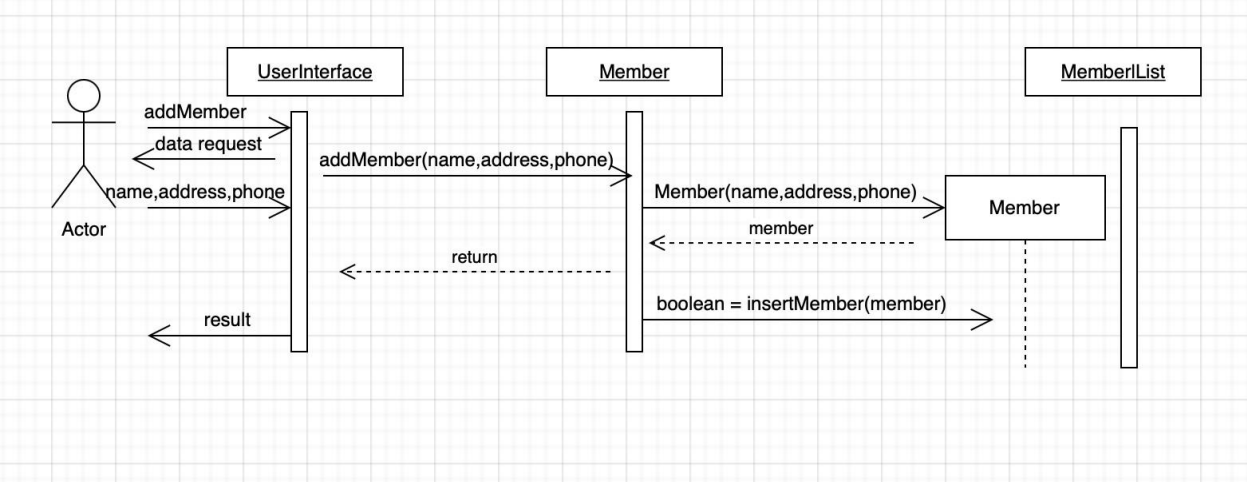
Actor	System
1. Clerk requests the system to print all totals	
	2. System begins iterating through the product names, product IDs, and amounts ordered
	3. System prints out (to the clerk) the next product names, product IDs, and amounts ordered until finished

Conceptual Diagram

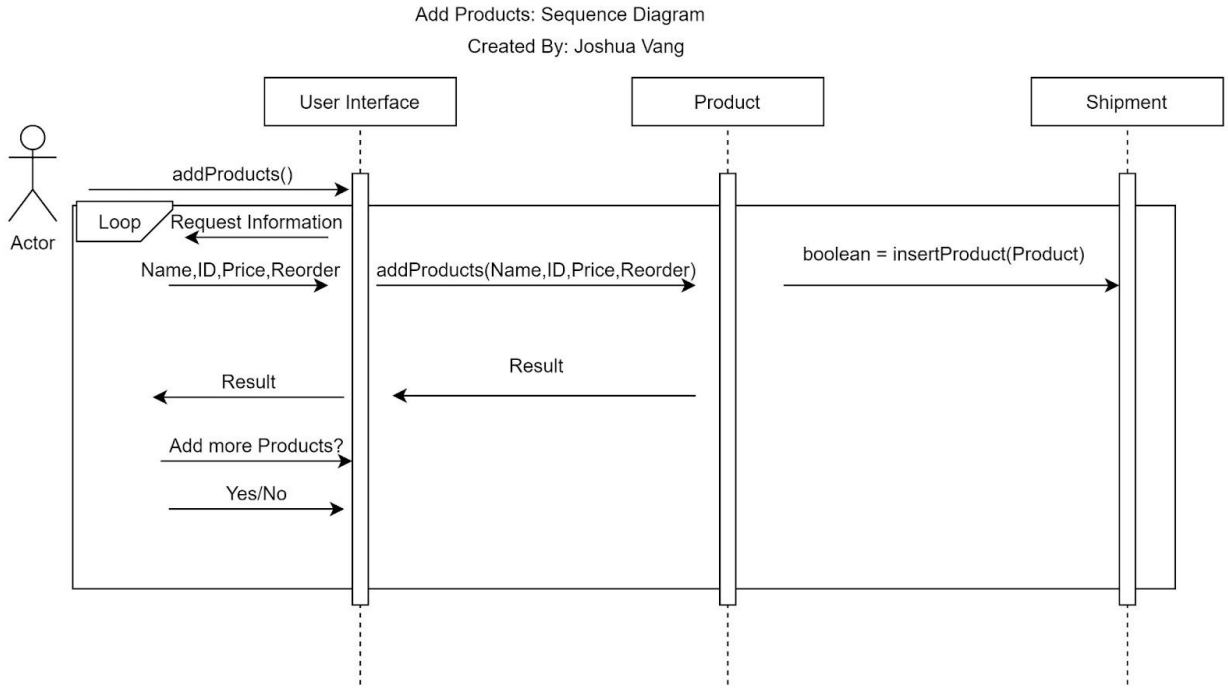


Sequence Diagrams

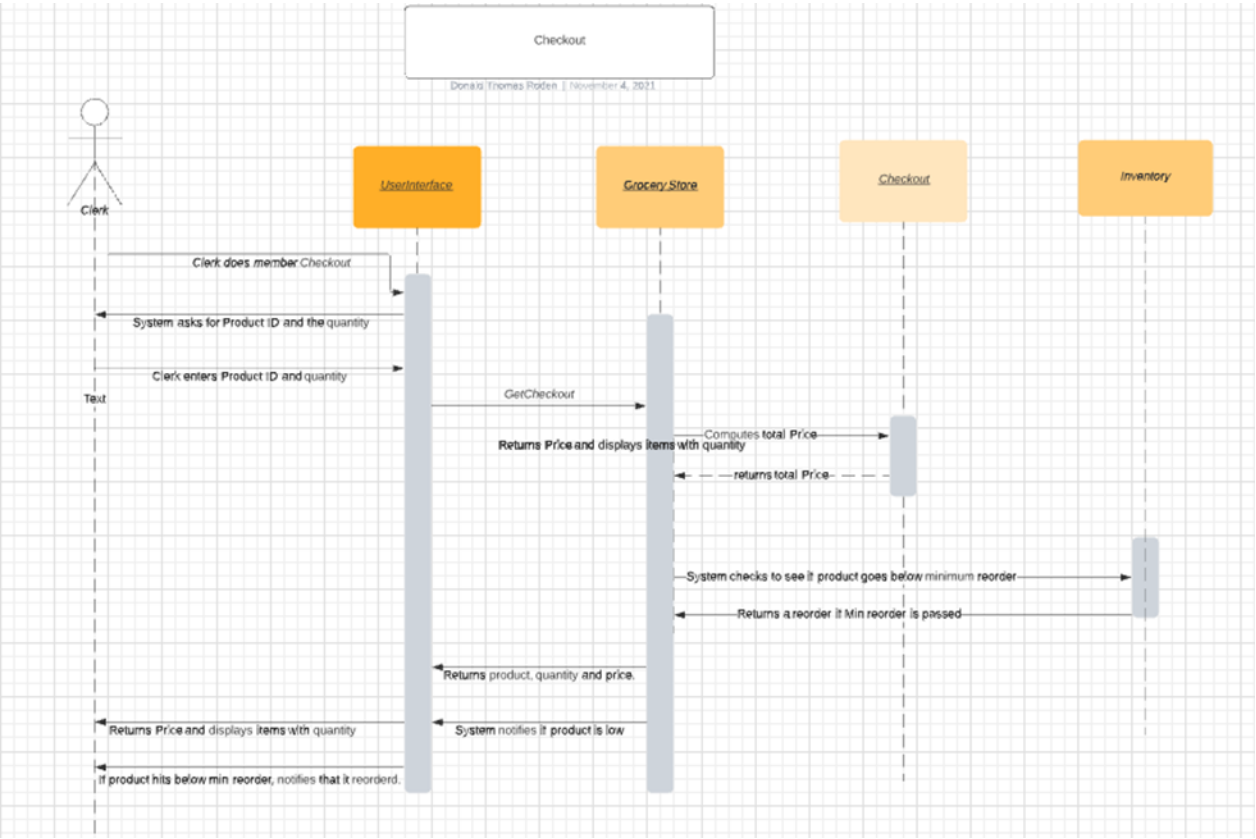
1)Faiza Mohamoud



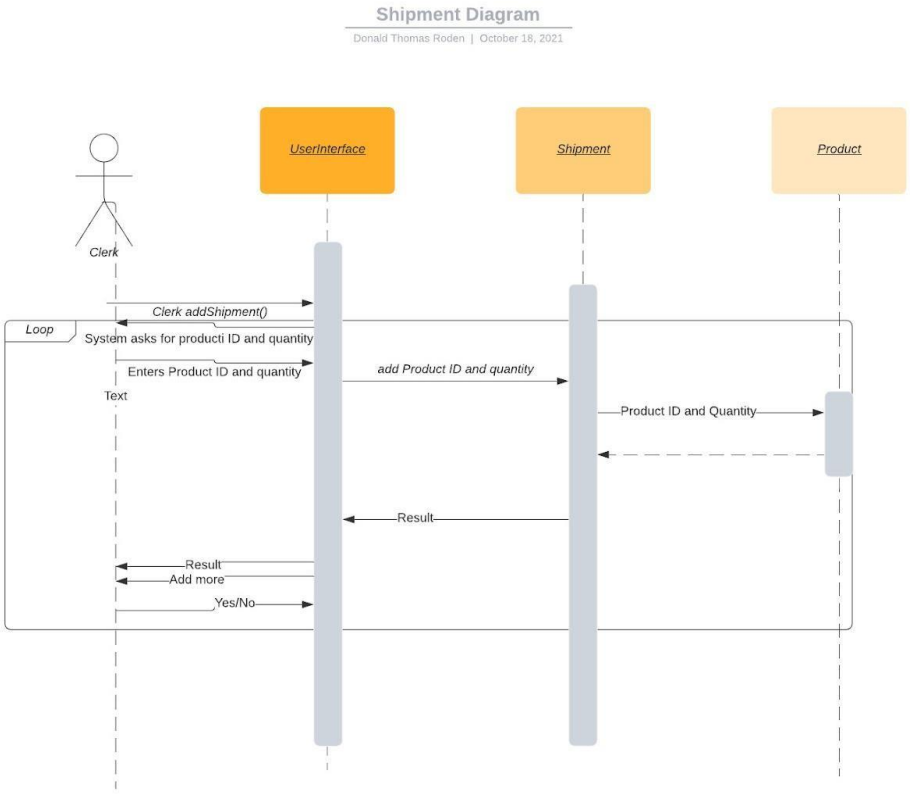
4) Joshua Vang



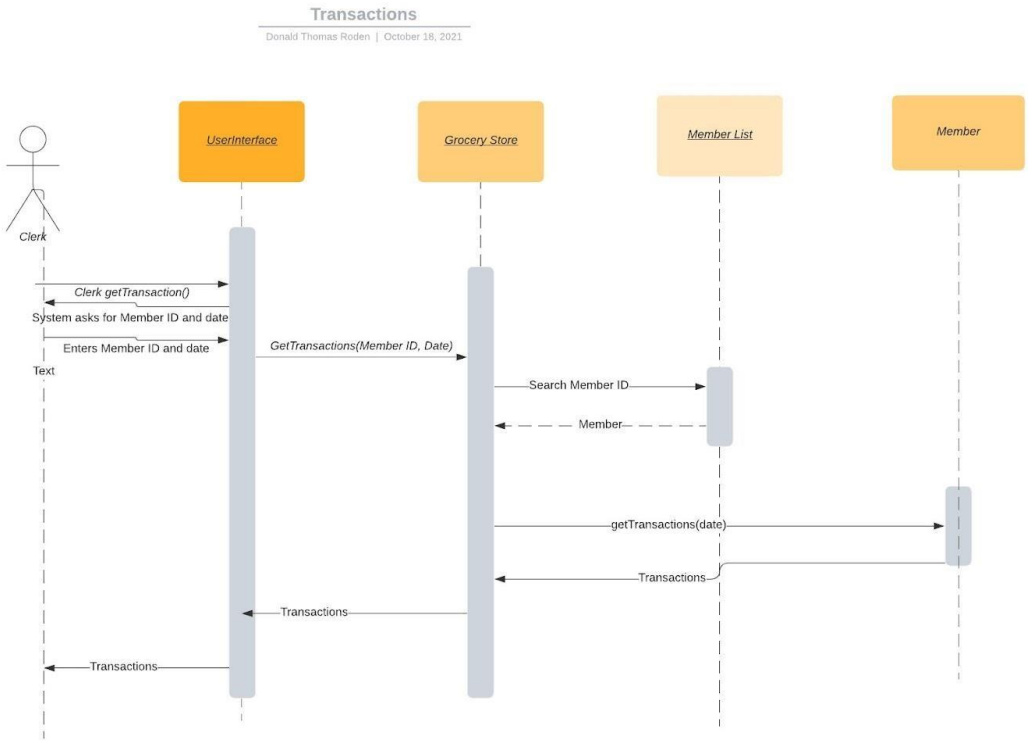
5. Donald Roden



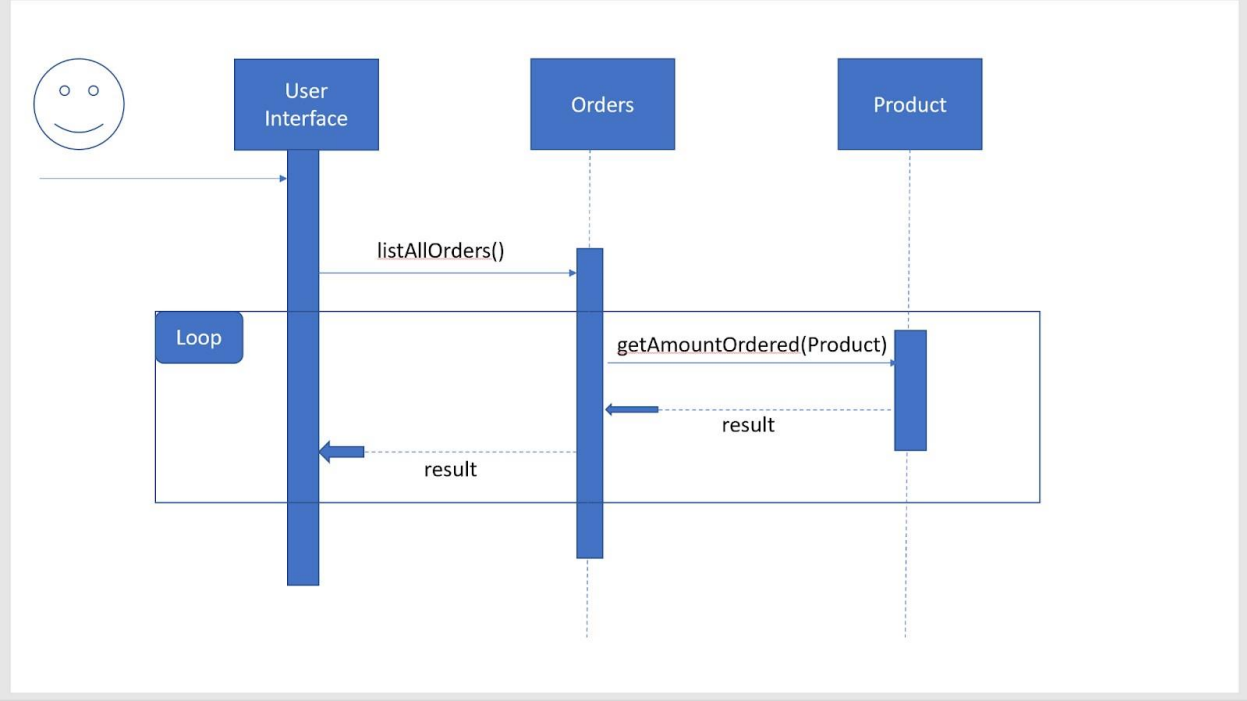
7. Donald Roden



9. Donald Roden



12) Joseph Bergum



Physical Class Diagram