Use Case 1: Enroll a member by Austin Wang

| Actions performed by the actor | Response from the system |
| --- | --- |
| 1. The customer fills out an application form containing the customer’s name, address, and phone number and gives it to the clerk along with membership fee |  |
| 2. The clerk issues a request to add a new member |  |
|  | 3. The system asks for data about the new member |
| 4. The clerk enters the data into the system. |  |
|  | 5. Reads in data, and if the member can be created, generates a unique identification number for the member, saves the current date, and remembers information about the member. Informs the clerk if the member was successfully added. |
| 6. The clerk gives the user his identification number. |  |

Use case 4: Add products By Dilli Khatiwoda

| Action performed by the actor | Responses from the system |
| --- | --- |
| 1. The worker issues a request to add a new product |  |
|  | 2. The system asks for the name, price, and the minimum order level. |
| 3. The worker enters the product name, current price, and the minimum order level. |  |
|  | 4.The system attempts to enter the information, verifying that name is not already taken, generates a unique id, and adds them in the stocking list and prints back to the worker the id, name, price, and minimum order level of the product. |
|  | 5. System creates order for product with quantity of twice the minimum order level. |

Use Case 5: Check out a member’ cart. By Andy Phan

| Actions performed by the Actors | Responses from the System |
| --- | --- |
| 1. The customer arrived at the checkout counter with a cart of grocery items |  |
| 2. The cashier requests to checkout |  |
|  | 3. The System asks for the product id and quantity |
| 4. The cashier enters the product id and quantity of an item. |  |
|  | 5. System adds product and quantity to the checkout list. System asks if there is another item, if so return to 3, otherwise continue. |
|  | 6. The System computes the price, then displays the individual items, number of units, unit price, price of the item and total price. |
| 7. the cashier prints out the receipts (if needed) |  |
|  | 8. The system proceeds to check out, then the system reorders any products that reaches the reorder level (or below the level) that do not have a pending order and displays a message saying that the item will be reordered. Then the system exits; |
| 9. The customers collect what they bought and leave the counter. |  |

**Leo Lewis**

**Use case 7: Process Shipment**

| **Actions performed by the actor:** | **Responses from the System:** |
| --- | --- |
| 1. Actor informs the system of a new shipment. |  |
|  | 1. The system requests the product id and the quantity of the product delivered. |
| 1. The actor inputs the product ID and the quantity received in the shipment. |  |
|  | 1. The system verifies the ID, and updates the product stock accordingly. The system displays the ID, name of product and updated quantity. |
|  | 1. The system asks if there are more shipments. |
| 1. Actor replies affirmative or negative. |  |
|  | 1. If the actor replies affirmative the system returns to step 2. If the actor replies in the negative the system exits. |

9 - Print Transactions, Joseph Jackels

| Actions performed by actor | Responses from system |
| --- | --- |
| 1. An actor requests to print transactions |  |
|  | 1. System asks for member ID |
| 1. Actor supplies member id |  |
|  | 1. System verifies the ID is valid and saves it, System asks for Start date |
| 1. Actor supplies start date |  |
|  | 1. System verifies date is valid, saves start date, asks for end date |
| 1. Actor supplies end date |  |
|  | 1. System verifies end date is valid and occurs on or after start date |
|  | 1. System fetches all transactions from start date |
|  | 1. System filters current dates transactions to those that match member ID |
|  | 1. System prints date and total price for each visit matching transaction |
|  | 1. If current date is equal to end date, exit/finish, otherwise repeat starting at step 9 with date that is one day later than current date being processed |

12 - list all outstanding orders, Joseph Jackels

| Actions performed by actor | Responses from system |
| --- | --- |
| 1. Actor requests a list of all orders |  |
|  | 2. System fetches all orders |
|  | 3. Filter order list to only pending orders (those that have not yet been fulfilled) |
|  | 4. Starting with first order, print name, id, and amount |
|  | 5. If final order is printed, exit/finish, otherwise repeat step 3 for next order in list. |