

Actions performed by actor	Action performed by the system
1) Clerk enters product ID and quantity of first (next) unique product	
	2) The system displays product name, quantity, price per item, and total cost(quantity * price per item) for the given item.
3) The clerk asks if there is any other items. If yes, return to step 1. If no, move on to step 4.	
	4) The system displays the total price for the transaction. ($n_0 * \text{quantity} + n_1 * \text{quantity} + n_2 * \text{quantity} \dots + n * \text{quantity}$)
5) The customer pays the total amount and leaves the checkout area.	
	6) The system evaluates the first[next] product in the transaction. If the transaction leaves quantity on hand less than 'reorder level', the system generates an order for 2 times the 'reorder level' associated with the current product. The system displays a message that the product has been reordered, how much has been reordered, and the generated order number. If there are remaining products in the transaction, repeat step 6 otherwise, system exits.