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| Actions performed by actor | Action performed by the system |
| 1. Clerk enters product ID and quantity of first (next) unique product |  |
|  | 1. The system displays product name, quantity, price per item, and total cost(quantity \* price per item) for the given item. |
| 1. The clerk asks if there is any other items. If yes, return to step 1. If no, move on to step 4. |  |
|  | 1. The system displays the total price for the transaction. (n0 \* quanty + n1 \* quantity + n2 \* qaunty… + n \* quantity) |
| 1. The customer pays the total amount and leaves the checkout area. |  |
|  | 1. 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. |