* Use Case UC2: Sales

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| Scope: Sales |
| **Level:** User-goal |
| Primary Actor: Cashier |
| **Stack Holders & Interests:**   * Cashier: Wants easy product entry, faster bill generation, and stock updates. * Customer: Wants fast service with minimal effort, easily visible display of entered items and prices. Wants proof of purchase to support returns. * Manager: Wants the sale to be recorded with date, time, and complete details of Purchased items. Wants stock report to be updated and should be notified about nearly out-of-stock items. * Payment System: Wants to receive digital authorization requests in the correct format and protocol. |
| **Pre-Condition:** Cashier is successfully logged in. The System is up and running. |
| **Post-Condition:**  The sale is recorded with date and time, inventory is updated, Receipt is generated, and Payment records are updated. |
| **Main Success Scenario:**   1. The cashier starts a new sale. 2. All items are entered into the System one by one until all are done. 3. The calculated total with taxes is shown to the customer and is asked for payment. 4. The customer chooses a payment method, and the Payment system handles the transaction. 5. The Receipt is generated. 6. The System records the sale, the payment record is saved, and inventory is updated. |
| **Extensions:**   1. The manager overrides the process.    1. Login to System as manager    2. Checks balance, cancel a sale, delete an item from system.    3. Restarts the system. 2. Customer wants to change payment method.    1. Payments System reverts to initial state.    2. Customer chooses payment method.    3. The sale process continues. 3. Customer wants to return an item.    1. Cashier asks for receipt.    2. Checks receipt in system.    3. If record is found, cashier proceeds with return process.    4. If record is not found, cashier declines return and ask for some other proof. |
| **Special Requirements:**   1. The payment process must take less than 30 seconds. 2. Items and calculated prices must be visible to the customer. |
| **Technology and Data Variation List:**   1. Item identifier must be done with a barcode scanner or manual input. |
| **Frequency of Occurrence:**  Depending on customer arrival. |