

Preconditions: Cashier is identified and authenticated. Customer is identified.

Success Guarantee (or Postconditions): Sale is saved. Tax is correctly calculated. Accounting and Inventory are updated. Commissions recorded. Receipt is generated. Points are added to the customer's balance. Payment authorization approvals are recorded.

Main Success Scenario (or Basic Flow):

1. Customer arrives at POS checkout with goods and/or services to purchase.
2. Cashier starts a new sale.
3. Cashier enters item identifier.

System records sale line item and presents item description, price, running total, points for the item and the total points for the sale. Price and points are calculated from a set of price and point calculation rules.

4. Cashier repeats steps 3-4 until indicates done.

5. System presents total with taxes calculated and the customer points for the sale.

6. Cashier tells Customer the total and total points, and asks for payment.

7. Customer pays and System handles payment.

System logs completed sale and sends sale and payment information to the external Accounting system (for accounting and commissions) and Inventory system (to update inventory), update the total points of the customer.

8. System presents receipt.

9. Customer leaves with receipt and goods (if any).



