

NextGen POS System

Use Case: Process Sale



Essentials

Use Case UC1:	Process Sale
Scope:	Point of Sale System
Level:	User Goal
Goal in Context:	Accurate and fast sales process with no payment errors.
Actors:	<div>Primary:<ul style="list-style-type: none">- Cashier: processes the sales items and returns changes<div>Secondary<ul style="list-style-type: none">- Customer: purchases sales items and gets change- Payment Authorization Service: processes customer authorization</div></div>
Preconditions:	Cashier is identified and authenticated
Postconditions:	Sale is saved. Tax correctly calculated. Accounting and Inventory are updated. Commissions recorded. Receipt is generated. Payment authorization approvals are recorded.
Failed End Condition:	-
Trigger:	Customer with goods arrives at point-of-sales
Main Scenario:	<ol style="list-style-type: none">1. Customer arrives at POS checkout with goods to purchase2. Cashier starts a new sale3. Cashier enters item identifier.4. System records sale line item and presents item description, price, and running total. Price calculated from a set of price rules.5. Cashier repeats step 3-4 until done with all items.6. System presents total with taxes calculated.7. Cashier tells Customer the total, and asks for payment.8. Customer pays and System handles payment.9. 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). 10. System presents receipt. 11. Customer leaves with receipt and goods.
Extensions:	* <i><put here there extensions, one at a time, each referring to the step of the main scenario></i> <i><Steps altered#>. <#> <condition>: <action description ></i>
Open Issues:	* <i><list of issues awaiting decision affecting this use case ></i>

Related Information

<this section contains additional information for a more detailed and complete use case description. This information is usually added in a third or fourth description iteration>

Special Requirements:	* <i><list additional or detailed technological or data requirements either for the whole use case or for individual steps. In the later case reference the step number from the above scenario descriptions.></i>
Priority:	* <i><how critical to your system / organization, use the standard categories use in your organizations></i>
Performance:	* <i><The amount this use case or a single step should take.></i>
Frequency:	* <i><how often it is expected to happen></i>
Due Date:	* <i><date or release needed></i>
Super Use Cases:	* <i><name of use case(s) that includes this one></i>
Sub Use Cases:	* <i><links to sub use cases></i>

* The use case description is not complete; it is filled out only as far as needed for the course.

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