

<b>Use case #</b>	1
<b>Use case name</b>	Store opens
<b>Summary</b>	The manager starts systems and opens the store.
<b>Dependency</b>	
<b>Actor</b>	Manager
<b>Precondition</b>	Store is closed.
<b>Description</b>	<ul style="list-style-type: none"> <li>• Manager starts “store” software (server) <ul style="list-style-type: none"> <li>◦ Catalog is loaded.</li> </ul> </li> <li>• Manager starts one or more POSTs. <ul style="list-style-type: none"> <li>◦ Each POST connects to the “store” (server)</li> </ul> </li> </ul>
<b>Alternative</b>	
<b>Postcondition</b>	Store is ready to record transactions. POSTs wait for sales to be initiated.

<b>Use case #</b>	2
<b>Use case name</b>	Sale initiation.
<b>Summary</b>	A customer approaches the POS to initiate a sale.
<b>Dependency</b>	Store opens
<b>Actor</b>	Customer
<b>Precondition</b>	The store is open, and no sale is currently in progress.
<b>Description</b>	<ul style="list-style-type: none"> <li>• The customer identifies him- or herself to the cashier / POST.</li> </ul>
<b>Alternative</b>	
<b>Postcondition</b>	POST is ready to continue the sale (by adding products, accepting payment, or abandoning the sale); sale initially includes no products and no amount due.

<b>Use case #</b>	3
<b>Use case name</b>	Product addition.
<b>Summary</b>	A customer adds some quantity of product to a sale in progress.
<b>Dependency</b>	Sale initiation
<b>Actor</b>	Customer
<b>Precondition</b>	A sale is currently in progress.
<b>Description</b>	<ul style="list-style-type: none"> <li>• The customer presents the UPC for the product desired, followed by the quantity of product.</li> <li>• System records the quantity of item as well as the new total amount due as part of the sale in progress.</li> </ul>
<b>Alternative</b>	No quantity specified.

	<ul style="list-style-type: none"> <li>Quantity is assumed to be 1.</li> </ul> Invalid UPC. <ul style="list-style-type: none"> <li>Warning is issued to the POST that the requested UPC is not recognized.</li> <li>Sale remains in progress, but no changes are made to the products involved or amount due.</li> </ul>
<b>Postcondition</b>	Sale remains in progress.

<b>Use case #</b>	4
<b>Use case name</b>	Sale completion.
<b>Summary</b>	Customer issues payment for the products involved in the current sale.
<b>Dependency</b>	Sale initiation; one or more product addition.
<b>Actor</b>	Customer.
<b>Precondition</b>	A sale is currently in progress.
<b>Description</b>	<ul style="list-style-type: none"> <li>The customer indicates their preferred payment type. <ul style="list-style-type: none"> <li>If cash, the amount of cash is then indicated.</li> <li>If credit, credit card information is then given.</li> <li>If check, the check amount is assumed to match amount due.</li> </ul> </li> </ul>
<b>Alternative</b>	No items have been added to sale. <ul style="list-style-type: none"> <li>Sale is abandoned. No transaction is recorded. POST returns to waiting state (no sale in progress).</li> </ul> Cash payment amount is less than amount due. <ul style="list-style-type: none"> <li>Sale remains open. Amount due is reduced by the amount of cash paid.</li> </ul>
<b>Postcondition</b>	Transaction representing the sale is reported to store server and recorded in sales log. A receipt is issued listing all details from the transaction. The sale is closed and the POST returns to its waiting state (no sale in progress).