

# Use Case Description

<b>Name:</b>	1. Purchase Goods
<b>Description:</b>	A customer chooses and purchases goods from the grocery store
<b>Preconditions:</b>	
<ul style="list-style-type: none"><li>• The grocery store has goods of interest stocked on shelves</li><li>• The goods on the shelves are listed in the grocery store inventory</li><li>• Each good has an associated price</li></ul>	
<b>Workflow:</b>	
<ol style="list-style-type: none"><li>1. The Customer enters the store and browses the aisles</li><li>2. While more goods are desired:<ol style="list-style-type: none"><li>2.1. The Customer selects an item from a shelf</li></ol></li><li>3. The Customer transports the items to a Cashier</li><li>4. The Cashier creates an invoice for the Customer</li><li>5. While more items are available:<ol style="list-style-type: none"><li>5.1. The Cashier determines the cost of the item</li><li>5.2. The Cashier adds the cost of the item to the invoice</li><li>5.3. The Cashier deducts the item from the store inventory</li><li>5.4. The Cashier adds the item to the grocery bag</li></ol></li><li>6. The Cashier totals the cost of items on the invoice</li><li>7. The Cashier provides the total to the Customer</li><li>8. The Customer provides legal tender to the Cashier</li><li>9. The Cashier adds the legal tender to the cash register</li><li>10. The Cashier provides the grocery bags to the Customer</li><li>11. The Customer leaves with the items in grocery bags</li></ol>	
<b>Results:</b>	
<ul style="list-style-type: none"><li>• The Customer has the desired goods</li><li>• The amount of legal tender available to the Customer is reduced by the amount of the sale</li><li>• The receipts of the grocery store are increased by the amount of the sale</li><li>• The inventory of available goods is reduced by the amount purchased by the Customer</li></ul>	
<b>Variants:</b>	
<ul style="list-style-type: none"><li>• The Customer decides they do not want an item</li></ul>	
<b>Exceptions:</b>	
<ul style="list-style-type: none"><li>• The Customer does not have sufficient legal tender for the purchase</li><li>• The item is not found in the inventory</li><li>• The item does not have a price available</li></ul>	