

### Use Case 9: User Adds Products

**Overview:** The user adds a product.

**Preconditions:**

1. User is on the Products Page.

**Scenario:**

Action:	Software Reaction:
1. Click the Add Product button.	1. The Add Product window appears with text fields for Product Name and Product Price. Also a scrollable table appears. The first column has the header Component and the items in this column are the items from the Inventory page. The second column is Quantity which is an empty text field where you put the amount that is used for that product.
2. Fill out the Product Name and Product Price fields. Fill out the Quantity field for the ingredients/components (must be at least one).	2. The fields are filled out.
3. Click the Done button.	3. The window closes and there is a new product in the list of products.
4. Click the Cancel button.	4. The window closes and the list of products is the same as before.

**Scenario Notes:**

Step 1 then Step 2 then either Step 3 or 4.

**Post Conditions:**

1. The user is still on the Product Page.

**Required GUI:**

Product Page

Add Product

## Use Case 10: User Edits Products

**Overview:** The user edits a product already in the system.

### Preconditions:

1. User is on the Products Page.
2. There must be a product to edit.
3. Change any of the values that need to be changed. Name and Price cannot be empty and there must be at least one component. Press the Done button when complete.

### Scenario:

Action:	Software Reaction:
1. Click the product to edit.	1. The product is highlighted.
2. Click the Edit Product Button.	2. The Edit Product window appears with text fields for Product Name and Product Price with the current name and price in them. Also a scrollable table appears. The first column has the header Component and the items in this column are the items from the Inventory page. The second column is Quantity which is a text field where you put the amount that is used for that product; the old values from the last time the product's components were changed are still in the fields.
3. Click the Done button.	3. The window closes and the edited product is in the list of products.
4. Click the Cancel button.	4. The window closes and the list of products is the same as before.

### Scenario Notes:

Step 1 then Step 2 then either Step 3 or 4.

### Post Conditions:

1. The user is still on the Product Page.

### Required GUI:

Product Page

Edit Product

### **Use Case 11: User Removes Products**

**Overview:** The user removes a product from the system.

**Preconditions:**

1. User is on the Products Page.
2. There must be a product to remove.

**Scenario:**

<b>Action:</b>	<b>Software Reaction:</b>
1. Click the product to remove.	1. The product is highlighted.
2. Click Remove Product.	2. The Remove Product Confirmation window appears asking you if you are sure you wish to remove.
3. Click the Yes button.	3. The window closes and the product is no longer in the list of products.
4. Click the Cancel button.	4. The window closes and the list of products is the same as before.

**Scenario Notes:**

Step 1 then Step 2 then either Step 3 or 4.

**Post Conditions:**

1. The user is still on the Product Page.

**Required GUI:**

Product Page

Remove Product Confirmation

**UC9 Rationale:** The user needs to be able to track the inventory automatically. This is easily done by whenever they sell an item the inventory database updates the quantity of that item so there needs to be a product database that knows how much of each inventory item each product consists of, e.g. pepperoni pizza has X dough, X cheese, X meat, a large soda is X amount of soda, etc. The price is also tracked to keep accurate sales records.

**UC10 Rationale:** There may come a time when the price of a product or quantity of a product's component is desired to be changed, much easier to just allow editing than deleting the product and remaking it.

**UC11 Rationale:** The user needs to be able to remove products. They may wish to stop selling certain items or wish to add limited time only items without them eventually filling the entire cashier page.