

Use Case:	Create a shopping list
User Role and Name:	Brewer - Marty
Created By:	Lindy Stewart (Note: Original Creator - Mari Good)
User Story:	As a Brewer, I want to see a list of ingredients that are low in inventory so that I can order the ingredients that are needed.
Goal:	Identify the set of ingredients that are currently low in inventory, based on reorder point and batches of beer that are scheduled to be brewed. Quantity on hand, reorder point as well as quantity needed for scheduled batches must be provided in order to give the brewer an estimate of how much of each ingredient should be ordered. Ideally the previous supplier as well as the cost per unit would also be provided to give the brewer an idea of the who the ingredient was purchased from last and how much it cost.
Preconditions:	Ingredients including quantity on hand and reorder point must be available in the system. Recipes may be available in the system. Scheduled batches of a particular recipe as well as the size of that batch may also be available in the system.
Successful Scenario Steps:	<ol style="list-style-type: none"> 1. Brewer will select ingredients from the Brew Menu and click the Create a Shopping List button on the resulting Ingredients Page. 2. System will display a list of ingredients that need to be ordered. <ul style="list-style-type: none"> • Ingredients which have on hand quantity < reorder point will be included. Ingredients which have on hand (quantity - quantity required for all scheduled batches) < reorder point will be included too. • List will include: ingredient id, name, version, ingredient type name, reorder point, on hand quantity, quantity required for scheduled batches, minimum quantity to order, unit of measure, most recent supplier, most recent cost per unity. • List will be sorted by ingredient name. 3. Brewer may elect to sort the list on any of the following fields by clicking on the column heading: name, type, supplier. System will display the list sorted by the selected column. (version 2) 4. Brewer may select different unit of measure from the drop down for any ingredient. System will recalculate the amounts using that unit of measure and display the new amounts for that ingredient only. (version 2)

	<ol style="list-style-type: none"> 5. Brewer may click on Details link to view the detailed information for any ingredient. System will then display the Ingredient Details Page. 6. Brewer may click on the supplier name link for any ingredient. System will then display the Supplier Details Page. 7. Brewer may print the page using the print menu choice in the browser. System should format the page for printing. (version 2)
Post Conditions:	No changes to ingredient inventory will be made as a result of this use case.
Exception conditions:	Supplier and cost information may not be available for ingredients.
Comments:	
Related Use Cases:	<ul style="list-style-type: none"> • Add ingredients to inventory. • View ingredient details. • View supplier details.