Application	**MiPantryPortfolio**		
Use case	Version	Date	Status
UC002	**1**		

UC002: Compose Grocery List Contents

Level: Sub-function
Primary Actor: Pantry member
Stakeholder's interests:

- Pantry member: Procedure as fast as possible and not too complex.
- Pantry: Incrementally build up Product Portfolio for the given Pantry. Maintain current Retail Prices for Product Portfolio.

Preconditions: Current Grocery list for authenticated Pantry member is empty. At least core Product Classification Portfolio has to be prepared beforehand. User has to be fairly familiar with Product Classification hierarchy in order to find (or not) Products effectively.
Post conditions: All relevant Extents containing Products with corresponding Extent Variants (count, quantity and price) added to Grocery list. Grocery List is added to appropriate container (fi. Purchase) and saved.

Main Success Scenario:

1. User selects Merchant Company for whole Grocery List.
2. User performs *Search for Product Type Container*.
3. User locates Product within given Product Type Container.
4. User adds Product with default values for Item Variants to Grocery List.
User can repeat step 4 for the same Product.
5. System presents Item Count and Extent Total in Grocery List for particular Product.
6. System presents running Totals (items count and amount) for Grocery List Contents.
User can repeat steps 2-6 for as many Products as needed.
7. User overviews the Contents of the Grocery List and checks the Total amount.
8. User records Grocery List Contents performing *Checkout to Purchase*.

Alternative Flows:

2a. Search attempt was not successful.
1. Alternatively *Search within Category Catalog* or *Search for high ranked Product Category* can be used to find appropriate Product Type Container.

2b. Product Type for given Product is not captured jet.
1. Add it within *Manage Product Classification Portfolio*.

3a. Product cannot be located within Product Type Container.
1. Consider using search options again if in doubt about previous attempt correctness.
2. Alternatively *Search for Product by Brand* can be utilised.

3b. Product does not exist in Product Portfolio.
1. Authorized user performs *Add new Product for given Product Type*.

4a. Product with the same Selling Price already exist in Grocery list.
1. System increases count/quantity within the same Extent.

4b. Default Selling Price for particular Product is influenced by selected Merchant. System will present:
1. Merchants Retail Price if already captured in Product Portfolio.
2. Highest Retail Price if price for selected Merchant does not exist.

4c. Values for Products Item Variants need to be adjusted to comply with Purchase Receivable Items specification.

1. Items Count or Items Quantity is changed depending on Products Packaging Type, fi:

      a. Prepacked goods with constant quantity, can be counted.

      b. For weighted served goods, quantity expressed in appropriate measure unit can be captured.

      c. There are some additional scenarios regarding Packaging Type.

2. Items Value amount has to be changed.

      a. Discount applied to Selling Price.

           i. Value amount from Receivable Items specification has to be manually written. System will calculate the actual Selling Price.

      b. Retail Price for Product has changed.

           i. User performs *Change Retail Price for Product*.

              1. Before Product was added into Grocery List.

              2. When Product is already added to Grocery List.

7a. If needed *Change of Grocery List Contents* can be performed.

Special requirements:

Frequency of occurrence: