

Catalogue Management (F-CLG)

Function	Catalogue Management
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Author	Gareth Gorman
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Status	Working

Version	Date	Summary of changes	Author
1.0	July 2017	Created	Gareth Gorman
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Table of contents

- [1. Introduction](#)
- [2. Commerce Admin Visual Merchandise](#)
 - [Product Variant](#)
 - [Stock](#)
 - [Miscellaneous Settings \(see Appendix #9\)](#)
- [4. Confirmation of sign-off](#)
- [Appendix #1 - Product List](#)
- [Appendix #2 - Product Variants in Product List](#)
- [Appendix #3 - Product Detail](#)
- [Appendix #4 - Visual Merchandise Product Category List](#)
- [Appendix #5 - Visual Merchandise Reordering Product Category List](#)
- [Appendix #6 - Product Variant List](#)
- [Appendix #7 - Stock Levels](#)
- [Appendix #8 - Stock History](#)
- [Appendix #9 - Miscellaneous Settings](#)
- [Appendix #10 - Product Sets](#)
- [Appendix #11 - Product Relations](#)
- [Appendix #12 - Product Images/Assets](#)
- [Appendix #13 - Product Cross Selling](#)

1. Introduction

All aspects of your product catalogue can be managed from within the admin. From creating and editing products to setting up cross and upsells.

Product management takes into account product tax types, varying pricing structures, image management, category assignment, descriptions, as well as full stock control.

Out of Scope

This functional specification is for the Commerce platform only. Integrations with 3rd party systems such as warehouses are out of scope and will be documented separately as part of the implementation specification phase.

2. Commerce Admin

F-CLG/01.0	Products
F-CLG/01.1	<p>The system will allow authorised users to search for products by:</p> <ul style="list-style-type: none"> ● SKU ● Name
F-CLG/01.2	<p>The system will allow authorised users to filter search results by:</p> <ul style="list-style-type: none"> ● Category ● Category Type ● Article ● Attributes ● Filter Type ● Meta Value Type ● Discount Type ● Minimum Stock Level ● Product Added ● Product status ● Retail Price Difference ● Stock Numbers
F-CLG/01.3	<p>The system will allow authorised users to view list of products with the following information (see Appendix #1)</p> <ul style="list-style-type: none"> ● SKU ● Name ● Date Added
F-CLG/01.4	<p>The system will allow authorised users to view product variants within the product list (see Appendix #2)</p>
F-CLG/01.5	<p>The system will allow authorised users to assign one or many products to the one or many categories in the category hierarchy</p>
F-CLG/01.6	<p>The system will allow authorised users to assign one or many products to one or many meta values</p>

<p>F-CLG/01.7</p>	<p>The system will allow authorised users to view/edit the following information of a product: (see Appendix #3)</p> <ul style="list-style-type: none"> ● Generic data <ul style="list-style-type: none"> ○ External Identifier ○ Price type <ul style="list-style-type: none"> ■ Normal ■ User ○ Display Type <ul style="list-style-type: none"> ■ Standrad ■ Gift Card ○ Language Data <ul style="list-style-type: none"> ■ Product Name ■ Link Identifier ■ Subtitle ■ Description ■ Mini Description ■ Meta Title ■ Keywords ■ Search Keywords ■ Product attribute data
<p>F-CLG/01.8</p>	<p>The system will authorised users to create new products with the following information</p> <ul style="list-style-type: none"> ● Generic data <ul style="list-style-type: none"> ○ External Identifier ○ Price type <ul style="list-style-type: none"> ■ Normal ■ User ○ Display Type <ul style="list-style-type: none"> ■ Standrad ■ Gift Card ○ Language Data <ul style="list-style-type: none"> ■ Product Name ■ Link Identifier ■ Subtitle ■ Description ■ Mini Description ■ Meta Title ■ Keywords ■ Search Keywords ■ Product attribute data
<p>F-CLG/01.9</p>	<p>The system will allow authorised users to export the results in the product list to a csv file</p>
<p>F-CLG/01.10</p>	<p>The system will allow authorised users to export all products to a csv file</p>
<p>F-CLG/01.11</p>	<p>The system will allow authorised to import a csv file of product data</p>

F-CLG/02.0	<p>Visual Merchandise</p> <p>Allows products within product categories to be ordered using the visual tool</p>
F-CLG/02.1	The system will allow authorised users to select a product category
F-CLG/02.3	The system will allow authorised users to view a list of product images in the order they appear in the product listing page within the category (see Appendix #4)
F-CLG/02.4	The system will allow authorised users to view product images by large or small thumbnails
F-CLG/02.5	The system will allow authorised users to re order the product category list (see Appendix #5)
F-CLG/02.6	The system will allow authorised users to save the product category list order
F-CLG/02.7	The system wil allow authorised users to revert the product category list order

F-CLG/03.0	<p>Product Variant</p>
F-CLG/03.1	<p>The system will allow authorised users to view a list of product variants with the following information (see Appendix #6)</p> <ul style="list-style-type: none"> ● ID ● SKU ● Default (Yes/No) ● Size ● Weight ● Date Added ● Stock ● Status
F-CLG/03.1	<p>The system will all authorised users to add/edit the following information for product Variants</p> <ul style="list-style-type: none"> ● SKU ● Default Yes/No ● Size ● Dimension Variant(s) ● Weight

	<ul style="list-style-type: none"> ● Date Added ● Status <ul style="list-style-type: none"> ○ Pending ○ Preview ○ Live Discontinued
F-CLG/03.1	<p>The system will allow authorised users to add one or many prices to a product variant from the price lists with the following information</p> <ul style="list-style-type: none"> ● Quantity ● Price ● Price Type ● Tax Type
F-CLG/03.2	The system will allow authorised users to remove prices from the product variant

F-CLG/04.0	Stock
F-CLG/04.1	<p>The system will allow authorised users to view the following stock level information of a products variants (see Appendix #7)</p> <ul style="list-style-type: none"> ● Stock room ● Stock level ● Number picked ● Number Returning ● Min stock level ● Allocated ● Aisle ● Bin Location ● Shelf ● Restock date ● Restock interval ● Restock warning

F-CLG/04.2	<p>The system will allow authorised users to edit the following stock level information of a products variants:</p> <ul style="list-style-type: none"> ● Stock level ● Min Stock Level ● Aisle ● Bin Location ● Shelf ● Restock Date ● Restock Interval ● Restock Warning
F-CLG/04.3	<p>The system will allow authorised users to view the Stock History with the following information (see Appendix #8)</p> <ul style="list-style-type: none"> ● Date ● Stockroom ● Change ● After Change ● Source ● User ● Mode
F-CLG/05.1	<p>Miscellaneous Settings (see Appendix #9)</p>
F-CLG/05.2	<p>The system will allow authorised users to assign one of the following Tax Types to a product variant</p> <ul style="list-style-type: none"> ● General Goods ● Childrens Car Seats ● Eco Friendly Insulation ● Energy Saving Materials ● Nicotine Patches, Gum etc ● Feminine Hygiene/Postnatal ● Motor/Bicycle Helmets ● Industrial Boots/Helmets (protective) ● Books, magazines, talking books ● Children Clothing/Footwear ● Food (Excluding Sweets, crisps etc) ● Clothing (General) ● Non Prescription Drugs

F-CLG/05.3	<p>The system will allow authorised users to assign a one of the following product types to a product variant:</p> <ul style="list-style-type: none"> ● Physical ● Electronic ● Service ● Payment
F-CLG/05.4	The system will allow authorised users to assign loyalty points to a product variant
F-CLG/05.5	The system will allow authorised users to assign a country and region of supply to a product variant
F-CLG/05.6	The system will allow authorised users to assign product variants to one or many sites with an optional start and end date
F-CLG/05.7	The system will allow authorised users to assign/remove one of many identifiers to a product
	<p>variant with the following information:</p> <ul style="list-style-type: none"> ● Type <ul style="list-style-type: none"> ○ EAN ○ ISBN ○ JAN ○ MPN ○ UPC ● Identifier
F-CLG/05.8	<p>The system will allow authorised users to apply the following settings to a product variant per site:</p> <ul style="list-style-type: none"> ● Affiliate commission ● Age verification ● Display ● Maximum order quantity ● Maximum set quantity ● Minimum order quantity ● Minimum set quantity ● Pack size ● Price specified is gross ● Sell ● Subscription intervals

F-CLG/06.0	<p>Product Sets</p> <p><i>Creates a virtual product based on many products</i></p>
F-CLG/06.1	<p>The system will allow authorised users to add one or many products with the following information (see Appendix #10)</p> <ul style="list-style-type: none"> • Link Type <ul style="list-style-type: none"> ○ Parent ○ Child • Product • SKU • Quantity
F-CLG/06.2	<p>The system will create a product set based on the product variant plus the products in the product set</p>

F-CLG/07.0	<p>Relations</p> <p><i>Creates a relationship between product variants for features such as ‘You may also like...’</i></p>
F-CLG/07.1	<p>The system will allow authorised users to add one or many child products to a product variant (see Appendix #11)</p>
F-CLG/07.2	<p>The system will allow authorised users to set the location of the relationship to either</p> <ul style="list-style-type: none"> • Product Details • Shopping Cart
F-CLG/07.3	<p>The system will allow authorised users to assign a group to a relationship</p>
F-CLG/07.4	<p>The system will allow authorised users to assign a site to the relationship</p>
F-CLG/07.5	<p>The system will allow authorised users to remove relationships</p>

F-CLG/08.0	Images/Assets
F-CLG/08.1	<p>The system will allow authorised users to add images to a product with the following information (see Appendix #12)</p> <ul style="list-style-type: none"> ● Sequence ● Associated product variant ● Associated variant type
F-CLG/08.2	The system will allow authorised users to remove an image
F-CLG/08.3	The system will allow authorised users to download a QR code for the product

F-CLG/09.0	Cross Sales
F-CLG/09.1	<p>The system will allow authorised users to assign related products with the following information:</p> <ul style="list-style-type: none"> ● Parent product ● Location <ul style="list-style-type: none"> ○ Product Details ○ Shopping Cart ● Group <ul style="list-style-type: none"> ○ Default ○ You may also like ● Site

F-CLG/09.2	<p>The system will allow authorised users to assign related meta values with the following information (See Appendix #13)</p> <ul style="list-style-type: none"> ● Meta Value ID ● Location <ul style="list-style-type: none"> ○ Product Details ○ Shopping Cart ● Product Group ● Site
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4. Confirmation of sign-off

Name:	
Position:	

I confirm I have received this functional specification and give my authorisation to proceed with the development.

Signed: _____

Date: _____

Appendix #1 - Product List

Ext ID / SKU	Name / Variant	Added	Actions
<input type="checkbox"/> 700139	Vintage Silk Sweet Pea Collection	03/05/2014	Edit
<input type="checkbox"/> 200221	Pink Tulp and Wallflower Collection	03/05/2014	Edit
<input type="checkbox"/> 200226	Purple Tulp and Wallflower Collection	03/05/2014	Edit
<input type="checkbox"/> 260708	Tulp 'Annie Schilder'	03/05/2014	Edit
<input type="checkbox"/> 200240	White Honesty with Tulipa 'Spring Green' and 'Apricot Parrot'	23/05/2014	Edit
<input type="checkbox"/> 260053	Allium Nectaroscordum bulgaricum	03/05/2014	Edit
<input type="checkbox"/> 700100	Onyx Sweet Pea Collection	03/05/2014	Edit
<input type="checkbox"/> 260044	Hyacinth 'L'Innocence'	03/05/2014	Edit
<input type="checkbox"/> 700085	Mother of Pearl Sweet Pea Collection	03/05/2014	Edit
<input type="checkbox"/> 200095	Dicentra eximia	03/05/2014	Edit
<input type="checkbox"/> 260636	Narcissus 'Chiva'	03/05/2014	Edit
<input type="checkbox"/> 260462	Highly Scented Narcissal Collection	03/05/2014	Edit
<input type="checkbox"/> 260465	Tulipa humilis 'Alba Caerulea Oculata'	03/05/2014	Edit
<input type="checkbox"/> 260466	Tulipa humilis 'Odalisque'	03/05/2014	Edit
<input type="checkbox"/> 260458	Narcissus 'Segovia'	03/05/2014	Edit
<input type="checkbox"/> 260459	Narcissus 'W.P. Milner'	03/05/2014	Edit
<input type="checkbox"/> 260641	Narcissal for Pots Collection	03/05/2014	Edit
<input type="checkbox"/> 260345	Super Perennial Tulp Collection	03/05/2014	Edit

Appendix #2 - Product Variants in Product List

<input type="checkbox"/> 200221	Pink Tulp and Wallflower Collection	03/05/2014	Edit
<input type="checkbox"/> 200221-20	10 bulbs, 5 plants		
<input type="checkbox"/> 200221	10 bulbs, 5 plants		

Appendix #3 - Product Detail

General Information | Variants / Stock / Prices | Images / Assets | Cross Sales

Genetic Data

Internal Identifier: 1064

External Identifier:

Price type:

Display type:

Language Data

Name: [Update Link](#)

Link Identifier: http://yourstore.com/category/vintage_silk_sweet_pea_collection.htm

Subtitle:

Description

Grow and pick these three - the most powerfully scented varieties of sweet pea.

This exclusive collection includes:

- [Lathyrus 'Cupani'](#)
- [Lathyrus 'Hi-Scent'](#)
- [Lathyrus 'Starlight'](#)

Over the last 15 years we've trialled almost 100 different varieties of sweet peas, looking for delicious scent as our number one requirement. These are the very best varieties, pinched out for strong, long-flowering and highly productive plants. No garden is complete without sweet peas. Grow them over arches, trepees and trellis and plant them with your runner beans to draw lots of insect pollinators into your veg patch. We sow our highly-scented, old-fashioned sweet pea seeds in the winter, as well as in the spring, so that you will have excellent productive plants throughout the summer. Our sweet pea plants come with full planting instructions.

Mini Description:









Meta Title:

Keywords:

Search Keywords:

Appendix #4 - Visual Merchandise Product Category List

Category: Women's > Shirts And Shorts Save Layout Clear Revert Smaller Thumbnails

 <p>Fish Olivia Women's Short Sleeve S</p>	 <p>esspass Recover Ladies Stretch T-Sh</p>	 <p>are 2b Bloombreak II Women's T-Shi</p>	 <p>leid Fish Tina Women's Cargo Shor</p>
 <p>raghoppers NosLife Women's Crop</p>	 <p>regatta Womens X-ert Stretch Short</p>	 <p>Dare 2b Padlove Women's T-Shirt</p>	 <p>Dare 2b Affection Women's T-Shirt</p>

Appendix #5 - Visual Merchandise Reordering Product Category List



Appendix #6 - Product Variant List

General Information												
ID	SKU	Default	size / Size	List	Weight (g)	Date Added	Stock	Prices	Status	Other		
2296	040050	<input type="checkbox"/>	20 seeds (20_seeds)	<input type="checkbox"/>	0	20/06/2014	936		Live			
2310	040050-1	<input type="checkbox"/>	20 seeds (20_seeds)	<input type="checkbox"/>	0	24/06/2014	1000		Discontinued			
1871	190362-12	<input type="checkbox"/>	12 spring-sown plants (12_spring-sown_plants)	<input type="checkbox"/>	0	03/05/2014	0		Pending			
1873	190362-24	<input type="checkbox"/>	24 spring-sown plants (24_spring-sown_plants)	<input type="checkbox"/>	0	03/05/2014	0		Live			
1872	510711-12	<input type="checkbox"/>	12 winter-sown plants (12_winter-sown_plants)	<input type="checkbox"/>	0	03/05/2014	0		Live			
1874	510711-24	<input type="checkbox"/>	24 winter-sown plants (24_winter-sown_plants)	<input type="checkbox"/>	0	03/05/2014	0		Live			

Appendix #7 - Stock Levels

Modify Product Stock

Stockroom	Stock Level	Picked	Returning	Min Stock Level	Allocated	Aisle	Bin Location	Shelf	Restock Date	Restock Interval	Restock warning
Default	936	0	0	0	0 of 0					0	0

 Stock History

Appendix #8 - Stock History

Stock History

Date: 13/08/2014 0 Filters Show

Date	Stockroom	Change	After Change	Source	User	Mode
13/08/2014 00:01	Default	-2	936		system	delta

Appendix #9 - Miscellaneous Settings

Modify Miscellaneous Settings

General Settings Sets Relations

Tax Type (20.00%) General Goods Country of supply
Product Type physical Region of supply
Point value

Site Mapping

Site	Enabled	Start Date	End Date
trekwear	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text"/>

Identifiers

Type	Identifier
ean	5051165596582
feefo	14SM021

Delete Add New

OK

Modify Miscellaneous Settings

General Settings Sets Relations

Site: All
User Type: Default

Change

- Affiliate commission
- Age Verification
- Display
- Maximum Order Quantity
- Maximum Set Quantity
- Minimum Order Quantity
- Minimum Set Quantity
- Pack Size
- Price specified is gross
- Sell
- Subscription Intervals

OK

Appendix #10 - Product Sets

Modify Miscellaneous Settings

General Settings Sets Relations

Set Components

Link Type	Product	SKU	Quantity	Group
Child	Everyday brew Tea Temples x50	4001	6	Group 1

Adding components makes this a virtual product

Add Component





OK


Appendix #11 - Product Relations


Modify Miscellaneous Settings

General Settings Sets **Relations**

Child to Child Relations


Child Product	Location	Group	Site
PHD Nutrition Methoxy-7 Test 90ct 	Product Details	Default	All Sites 
USN 19-Anabol Testo 90ct 	Product Details	Default	All Sites 



 Add Child Product Relation


 OK



Appendix #12 - Product Images/Assets

General Information Variants / Stock / Prices **Images / Assets** Cross Sales



Sequence:   Remove



Sequence:   Remove

Appendix #13 - Product Cross Selling

General Information Variants / Stock / Prices Images / Assets Cross Sales

Related Products

Parent Product	Location	Group	Site
Universal Nutrition GH Max	Shopping Cart	Default	All Sites
Maximuscle Creatamax Extreme	Product Details	Default	All Sites

[Add Parent Product](#)

Related Meta

Meta Value ID	Location	Group	Site
	Product Details	Default	All Sites
	Product Details	Default	All Sites
	Product Details	Default	All Sites
	Product Details	Default	All Sites

[Add Meta Value](#)