Catalogue Management (F-CLG)

Function	Catalogue Management
Date	September 2017
Author	Gareth Gorman
Version	Version 1.0
Status	Working

Version	Date	Summary of changes	Author
1.0	July 2017	Created	Gareth Gorman
2.0	September 2017	Amended ● Introduction	Gareth Gorman

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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	The system will allow authorised users to search for products by: ● SKU ● Name
F-CLG/01.2	The system will allow authorised users to filter search results by: ● 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	The system will allow authorised users to view list of products with the following information (see Appendix #1) ● SKU ● Name ● Date Added

F-CLG/01.4	The system will allow authorised users to view product variants within the product list (see Appendix #2)
F-CLG/01.5	The system will allow authorised users to assign one or many products to the one or many categories in the category hierarchy
F-CLG/01.6	The system will allow authorised users to assign one or many products to one or many meta values

F-CLG/01.7	The system will allow authorised users to view/edit the following information of a product: ([see Appendix #3](#))
	- Generic data - External Identifier - Price type - Normal - User - Display Type - Standrad - Gift Card - Language Data - Product Name - Link Identifier - Subtitle - Description - Mini Description - Meta Title - Keywords - Search Keywords - Product attribute data
F-CLG/01.8	The system will authorised users to create new products with the following information
	- Generic data - External Identifier - Price type - Normal - User - Display Type - Standrad - Gift Card - Language Data - Product Name - Link Identifier - Subtitle - Description - Mini Description - Meta Title - Keywords - Search Keywords - Product attribute data
F-CLG/01.9	The system will allow authorised users to export the results in the product list to a csv file
F-CLG/01.10	The system will allow authorised users to export all products to a csv file
F-CLG/01.11	The system will allow authorised to import a csv file of product data

F-CLG/02.0	**Visual Merchandise** Allows products within product categories to be ordered using the visual tool
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	**Product Variant**
F-CLG/03.1	The system will allow authorised users to view a list of product variants with the following information (see Appendix #6) ● ID ● SKU ● Default (Yes/No) ● Size ● Weight ● Date Added ● Stock ● Status
F-CLG/03.1	The system will all authorised users to add/edit the following information for product Variants ● SKU ● Default Yes/No ● Size ● Dimension Variant(s) ● Weight

	● Date Added ● Status 　　○ Pending 　　○ Preview 　　○ Live Discontinued
F-CLG/03.1	The system will allow authorised users to add one or many prices to a product variant from the price lists with the following information ● 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	The system will allow authorised users to view the following stock level information of a products variants (see Appendix #7) ● 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	The system will allow authorised users to edit the following stock level information of a products variants: ● Stock level ● Min Stock Level ● Aisle ● Bin Location ● Shelf ● Restock Date ● Restock Interval ● Restock Warning
F-CLG/04.3	The system will allow authorised users to view the Stock History with the following information (see Appendix #8) ● Date ● Stockroom ● Change ● After Change ● Source ● User ● Mode

F-CLG/05.1	**Miscellaneous Settings (see Appendix #9)**
F-CLG/05.2	The system will allow authorised users to assign one of the following Tax Types to a product variant ● 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	The system will allow authorised users to assign a one of the following product types to a product variant: ● 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

	variant with the following information:
	
	 ● Type
	    ○ EAN
	    ○ ISBN
	    ○ JAN
	    ○ MPN
	    ○ UPC
	
	 ● Identifier

F-CLG/05.8	The system will allow authorised users to apply the following settings to a product variant per site: ● 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	**Product Sets** *Creates a virtual product based on many products*

F-CLG/06.1	The system will allow authorised users to add one or many products with the following information (see Appendix #10)
	
	● Link Type
	    ○ Parent
	    ○ Child
	● Product
	● SKU
	● Quantity

F-CLG/06.2	The system will create a product set based on the product variant plus the products in the product set

F-CLG/07.0	**Relations** *Creates a relationship between product variants for features such as 'You may also like...'*
F-CLG/07.1	The system will allow authorised users to add one or many child products to a product variant (see Appendix #11)
F-CLG/07.2	The system will allow authorised users to set the location of the relationship to either ● Product Details ● Shopping Cart
F-CLG/07.3	The system will allow authorised users to assign a group to a relationship
F-CLG/07.4	The system will allow authorised users to assign a site to the relationship
F-CLG/07.5	The system will allow authorised users to remove relationships

F-CLG/08.0	Images/Assets
F-CLG/08.1	The system will allow authorised users to add images to a product with the following information ([see Appendix #12](#)) ● 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	The system will allow authorised users to assign related products with the following information:
	
	 ● Parent product
	 ● Location
	      ○ Product Details
	      ○ Shopping Cart
	 ● Group
	      ○ Default
	      ○ You may also like
	 ● Site

F-CLG/09.2	The system will allow authorised users to assign related meta values with the following information (See Appendix #13)

	● Meta Value ID
	● Location
	    ○ Product Details
	    ○ Shopping Cart
	● Product Group
	● Site

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

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

Fish Olivia Women's Short Sleeve SI | espass Recover Ladies Stretch T-Sh | are 2b Bloombreak II Women's T-Shi | eird Fish Tina Women's Cargo Shor

raghoppers NosiLife Women's Crop | Regatta Womens X-ert Stretch Shorts | Dare 2b Padlove Women's T-Shirt | Dare 2b Affection Women's T-Shirt

o Interchange Women's Convertible | Dare 2b Pounded Women's Shorts | non Stroll Logo Women's T-Shirt In | Stroll Logo Women's T-Shirt In Pops

Appendix #6 - Product Variant List

General Information	Variants / Stock / Prices	Images / Assets	Cross Sales								
ID	SKU		Default	size / Size	List	Weight (g)	Date Added	Stock	Prices	Status	Other
2296	040050		☐	20 seeds (20_seeds)		0	20/06/2014	936		Live	
2310	040050-1		☐	20 seeds (20_seeds)		0	24/06/2014	1000		Discontinued	
1871	190362-12		☐	12 spring-sown plants (12_spring-sown_plants)		0	03/05/2014	0		Pending	
1873	190362-24		☐	24 spring-sown plants (24_spring-sown_plants)		0	03/05/2014	0		Live	
1872	510711-12		☐	12 winter-sown plants (12_winter-sown_plants)		0	03/05/2014	0		Live	
1874	510711-24		☐	24 winter-sown plants (24_winter-sown_plants)		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   Cancel   Save Changes

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	☑		

Identifiers

Type	Identifier
ean	5051165596582
feefo	14SM021

⊖ Delete | ⊕ Add New

✔ OK

Modify Miscellaneous Settings

General | **Settings** | **Sets** | **Relations**

🔍

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

Site: **All**
User Type: **Default**

Change ▾

✔ 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

Appendix #12 - Product Images/Assets

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	UNIGHM	[🖊 ▾]	Shopping Cart ▾	Default ▾	All Sites ▾	🔴
Maximuscle Creatamax Extreme	MMCEXT	[🖊 ▾]	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