



**Think Less.
Produce More.**

DIBUHO

Functional Design Document Product Master

**Prepared for
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**Project
Viscose**

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1 INTRODUCTION

1.1 PURPOSE

V-Pro powered by AGITECH Software Solution Company provides the necessary functionalities to create product code that will be used as reference in processing a product in the production management module.

2 WIREFRAME AND FUNCTIONALITY

2.1 FRONT END-DESIGN

Product Master

Main

Product Listing

New

Save

Edit

Delete

Transaction Header

Product Code : Barcode: Status :

Product Specification

Description:

Product type: Brand: Size:

Division : Color: Style:

Sales Info

Price code:

Retail Price:

Standard Price:

Primary Buyer:

Inventory Details

Weight:

Default Warehouse:

Season:

Product Attributes

	Item Code	Quantity	Item Description	Specs 1	Specs 2	Specs 3	UOM
*							

2.2 Field and Data Mapping

SR #	Field/Column Name	Is System Generated	Is Required	Field Description	Character Limit	Source	Functionality
1	Product code	Yes	-	A unique ID to identify the product	AlphaNumeric 20	Incremented series no.	-
2	Barcode	Yes	-	A machine-readable code patterned to Product code	AlphaNumeric 20	Retrieved from Product Code	-
3	Status	No	Yes	Dropdown to select status of Product	AlphaNumeric 20	Display (Active/Inactive)	-
4	Description	Yes	No	Field to determine the selected product	AlphaNumeric 50	Manually encoded.	-
5	Product Type	No	Yes	Dropdown to select a particular product type (e.g short, pants, etc.)	AlphaNumeric 50	Retrieved from Product Type Masterfile	-
6	Division	No	Yes	Dropdown to select the division of product (e.g Male, Female and etc.)	AlphaNumeric 30	Retrieved from Division Masterfile	-

SR #	Field/Column Name	Is System Generated	Is Required	Field Description	Character Limit	Source	Functionality
7	Brand	No	Yes	Dropdown to select the brand of the product	AlphaNumeric 30	Retrieved from Brand Masterfile	-
8	Color	No	Yes	Dropdown to select the body color of the product	AlphaNumeric 30	Retrieved from Color Masterfile	-
9	Size	No	Yes	Dropdown to select the Size of the product	AlphaNumeric 30	Retrieved from Size Masterfile	-
10	Style	No	Yes	Dropdown to select the Style of the product	AlphaNumeric 30	Retrieved from Style Masterfile	-
11	Price Code	No	No	Dropdown to select the price code for the product. It will be used to monitor the retail price and stand price of the item	AlphaNumeric 30	Retrieved from Price Masterfile	Once the price code has been selected, system will display the Retail Price and Standard Price.
12	Retail Price	Yes	No	Auto-populated based from the selected Price code.	AlphaNumeric 30	Retrieved from Price Masterfile	-
13	Standard Price	Yes	No	Auto-populated based from the selected Price code.	AlphaNumeric 30	Retrieved from Price Masterfile	-

SR #	Field/Column Name	Is System Generated	Is Required	Field Description	Character Limit	Source	Functionality
14	Primary Buyer	Yes	No	Dropdown to select the client for a particular product, if any	AlphaNumeric 50	Retrieved from Price Masterfile	-
15	Weight	No	No	Field to input the weight of the product	Int	Manually Inputted	-
16	Default Warehouse	No	No	Dropdown to select the default warehouse of the product	AlphaNumeric 50	Retrieved from Project Masterfile	-
17	Season	No	No	Dropdown to select the peak season of the product	AlphaNumeric 50	Retrieved from Season Masterfile	-

2.3 Once the required fields has been populated, user shall click the product attribute to populate the required item to build the product.

The screenshot shows the 'Product Master' application window. It has a title bar with standard window controls. Below the title bar is a tabbed interface with 'Main' and 'Product Listing' tabs. The 'Main' tab is active, showing a form with several sections:

- Transaction Header:** Contains fields for 'Product Code', 'Barcode', and a 'Status' dropdown.
- Product Specification:** Contains a 'Description' text field, and dropdowns for 'Product type', 'Brand', 'Size', 'Division', 'Color', and 'Style'.
- Sales Info:** Contains dropdowns for 'Price code', 'Retail Price', 'Standard Price', and 'Primary Buyer'.
- Inventory Details:** Contains fields for 'Weight', 'Default Warehouse', and 'Season'.

At the bottom right of the form area, there is a button labeled 'Product Attributes' which is highlighted with a red rectangular box. Below the form is a table with the following columns: Product Code, Status, Specs 2, Specs 3, Color, Division, and Size. The first row of the table is marked with an asterisk (*) in the first column.

After clicking the said button, system will display the Item look-up table to select the Items needed in the production process.

User may search the item via Item code, Category 1-3. System will display the look-up after clicking the “Search” button. This form has the same functionality in Material Request Module (MRM).

Add “Remaining Qty” field to identify the quantity of materials available in the inventory.

The screenshot shows the 'Item Lookup' form with the following sections:

- Main | Lookup** (Tabs)
- Search Parameters:**
 - Item Code:
 - Category 1:
 - Category 2:
 - Category 3:
 -
- Item Information:**
 - Item Code: ---
 - Category 1: ---
 - Category 2: ---
 - Category 3: ---
 - Specs. 1: ----
 - Specs. 2: ----
 - Specs. 3: ----
 - Stock: ----
 - Description 1: ----
 - Description 2: ----
 - UOM: ----
 - Currency Code: ----
 - Cost Code: ----
 - Default Price: ----
- Transaction:**
 - Quantity:
 - Remaining Qty:
 - UOM:
 -
- Table:**

Remove	Quantity	UOM	Item Code	Category1	Category2	Category3	Specs1	Specs2	Specs3	Currency
--------	----------	-----	-----------	-----------	-----------	-----------	--------	--------	--------	----------
-

Upon click of “Search” button, system will display the grid for item look-up.

The screenshot shows the 'Item Lookup' form with the following sections:

- Main | Lookup** (Tabs)
- Search Parameters:**
 - Item Code:
 - Category 1:
 - Category 2:
 - Category 3:
 -
- Item Information:**
 - Item Code: ---
 - Category 1: ---
 - Category 2: ---
 - Category 3: ---
 - Specs. 1: ----
 - Specs. 2: ----
 - Specs. 3: ----
 - Stock: ----
 - Description 1: ----
 - Description 2: ----
 - UOM: ----
 - Currency Code: ----
 - Cost Code: ----
 - Default Price: ----
- Transaction:**
 - Quantity:
 - Remaining Qty:
 - UOM:
 -
- Table:**

ITEMCODE	Category1	Category2	Category3	ITEMDESCRIPTION1	ITEMDESCRIPTION2	ITEMSPEC1	ITEMSPEC2	ITEMSPEC3
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	RED	Ladder	A-Type	8 ft.	
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	RED	Ladder	A-Type	8 ft.	
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	RED	Ladder	A-Type	10 ft.	
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	Red Orange	Ladder	Telescopic	-	
IECE-PRT-00001	OE - Office Equip...	CE - COMPUTE...	PRT - PRINTER...	DART-XL	White	Blue Printer Mac...	m/6074	sn/200936
IECE-PRT-00002	OE - Office Equip...	CE - COMPUTE...	PRT - PRINTER...	BROTHER	4in1 Black	PRINTER	m/MFC-J2720	-
IECE-PRT-00003	OE - Office Equip...	CE - COMPUTE...	PRT - PRINTER...	BROTHER	Black&White	XEROX / FAX M...	m/MFC-8460-N	-
IECE-PRT-00004	OE - Office Equip...	CE - COMPUTE...	PRT - PRINTER...	EPSON	-	DOT MATRIX P...	m/LQ-300+11	-
IECE-PRT-00005	OE - Office Equip...	CE - COMPUTE...	PRT - PRINTER...	EPSON	-	DOT MATRIX P...	m/LX-300	-
IEOA-TPE-00001	OE - Office Equip...	OA - OFFICE AP...	ACB - AIR CURT...	BROTHER	-	ELECTRIC TYPE...	m/GX-8250	sn/BK9426728
IECE-PRT-00006	OE - Office Equip...	CE - COMPUTE...	PRT - PRINTER...	EPSON	WHITE	PRINTER	M/ME32 SERIES	-
IECE-PLT-00001	OE - Office Equip...	CE - COMPUTE...	PLT - PLOTTER	HP DESIGNJET	White	PLOTTER	m/Design Jet Mo...	-
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	-	Ladder	A-Type	8 ft.	
E-HW-WDM-00...	TE - Tools and E...	HW - Hardware	WDM - Welding ...	YAMATO	YELLOW	Welding Machine	m/300	-
E-HW-WDM-00...	TE - Tools and E...	HW - Hardware	WDM - Welding ...	YAMATO	YELLOW	Welding Machine	m/300	-
E-HW-WDM-00...	TE - Tools and E...	HW - Hardware	WDM - Welding ...	YAMATO	YELLOW	Welding Machine	m/300	-
E-HW-WDM-00...	TE - Tools and E...	HW - Hardware	WDM - Welding ...	-	VIOLET	AC Welding Mac...	m/DN-25	-
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	Red-Orange	Telescopic Ladder	-	-	-
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	RIGID	GREEN	Ladder	m/94602 A-Type	8 ft.
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	Sure Step	Yellow	Ladder	m/FSL9	10 ft.
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	Sure Step	Yellow	Ladder	m/FSL9 A-Type	10 ft.
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	Sure Step	Yellow	Ladder	m/FSL9 A-Type	10 ft.
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	Sure Step	Yellow	Ladder	m/FSL9	10 ft.
E-HW-BGM-00...	TE - Tools and E...	HW - Hardware	BGM - Building M...	MILLER	BLUE	DC-Inverter Arc ...	m/XMT-304 CC/...	sn/KG203504
E-HW-WDM-00...	TE - Tools and E...	HW - Hardware	WDM - Welding ...	Hashen	Blue	Tig Welding Mac...	m/200	-
IECE-LCD-00001	OE - Office Equip...	CE - COMPUTE...	LCD - LCD MONI...	LENOVO	21" / Black	Desktop Monitor	m/V5130950E2	sn/vs80669895
E-HW-WDM-00...	TE - Tools and E...	HW - Hardware	WDM - Welding ...	MINWELD	BLUE	Arc Inverter Weld...	m/ARC Power200	sn/12062815
E-HW-WDM-00...	TE - Tools and E...	HW - Hardware	WDM - Welding ...	RILON	franklin baker	Inverter Tig Weld...	m/TIG200A	200 AMPS
IECE-LCD-00002	OE - Office Equip...	CE - COMPUTE...	LCD - LCD MONI...	SAMSUNG	Black (19 inches)	Desktop Monitor	m/e19a100n	sn/zu44rmcc201
IECE-PCU-00001	OE - Office Equip...	CE - COMPUTE...	PCU - PCU.COM...	E-Machines	Black	Central Processin...	m/EL1333	sn/1222H00WSU
-

After selection of material, system should display the actual quantity available in warehouse in remaining quantity field. User will input the

quantity and click "add to list" button. System have facility to remove or add another material.

Button

Go Back to Button – once selected, system will return to Product Master main form.

Proceed – once selected, system will return to Product Master main form and populate the following fields:

SR#	Field/Column Name	Retrieved from
18	Item Code	Item Masterfile
19	Quantity	
20	Category 1	
21	Category 2	
22	Category 3	
23	Item Description1	
24	Item Description2	
25	ItemSpec1	
26	ItemSpec2	
27	UOM	
28	Cost Code	

The selected Item in the Item Look-up shall be automatically inserted in the Product attributes grid.

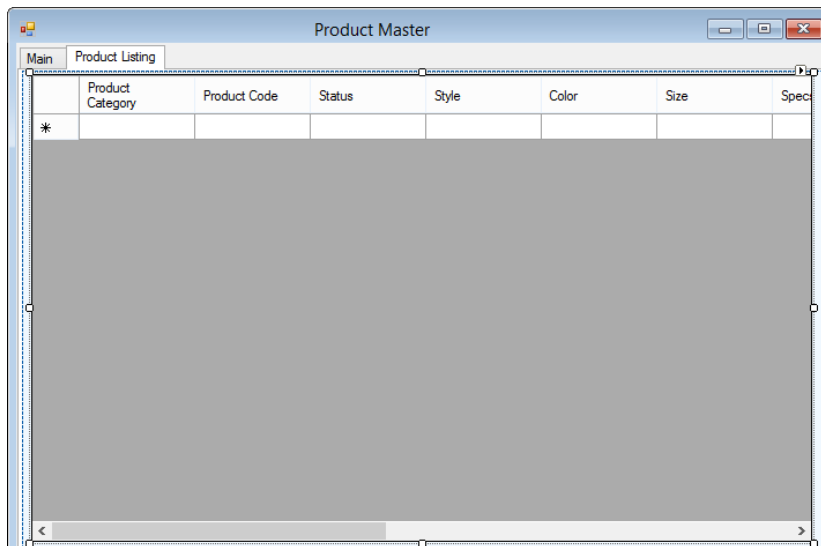
The screenshot displays the 'Product Master' application window. It features a 'Main' tab with a 'Product Listing' sub-tab. At the top, there are buttons for 'New', 'Save', 'Edit', and 'Delete'. Below these are sections for 'Transaction Header' (Product Code, Barcode, Status), 'Product Specification' (Description, Product type, Brand, Size, Division, Color, Style), 'Sales Info' (Price code, Retail Price, Standard Price, Primary Buyer), and 'Inventory Details' (Weight, Default Warehouse, Season). A 'Product Attributes' button is located at the bottom right. At the bottom of the window is a data grid with columns: Item Code, Quantity, Item Description, Specs 1, Specs 2, Specs 3, and UOM. The first row of the grid is highlighted in blue.

Button

New – The main form will be activated and enable fields set for manual population.

Save – The created product code will be transferred to product listing form.

SR#	Field/Column Name
18	Product Code
19	Product Category
20	Style
21	Color
22	UOM
23	Created by
24	Date Created
25	Size



The screenshot shows a software window titled "Product Master". It has two tabs: "Main" and "Product Listing". The "Product Listing" tab is active, displaying a table with the following columns: Product Category, Product Code, Status, Style, Color, Size, and Spec. The first row of the table contains an asterisk (*) in the Product Category column. The rest of the table area is greyed out, indicating it is not editable. A horizontal scrollbar is visible at the bottom of the table.

Edit – Enable fields that are needed to update.

Delete – Deletion of created sales groups/opportunity.