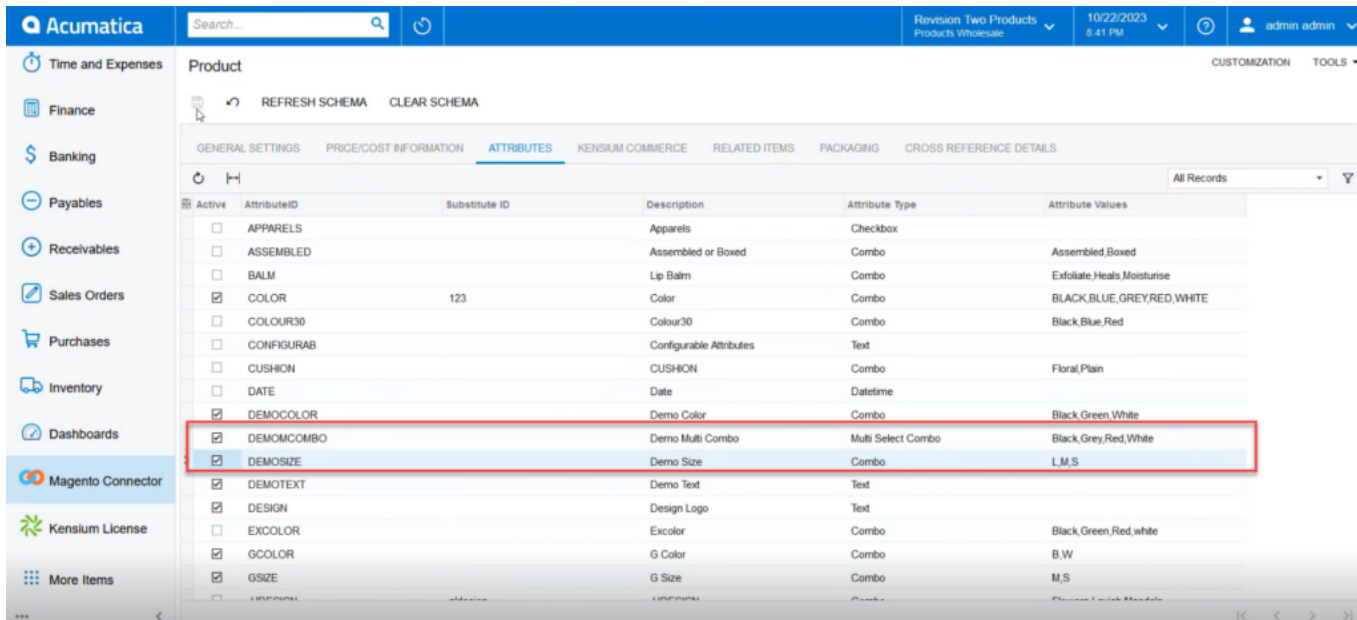


Attributes in Product Schema



The attributes that you have created are displayed in [Product Schema] of Acumatica.

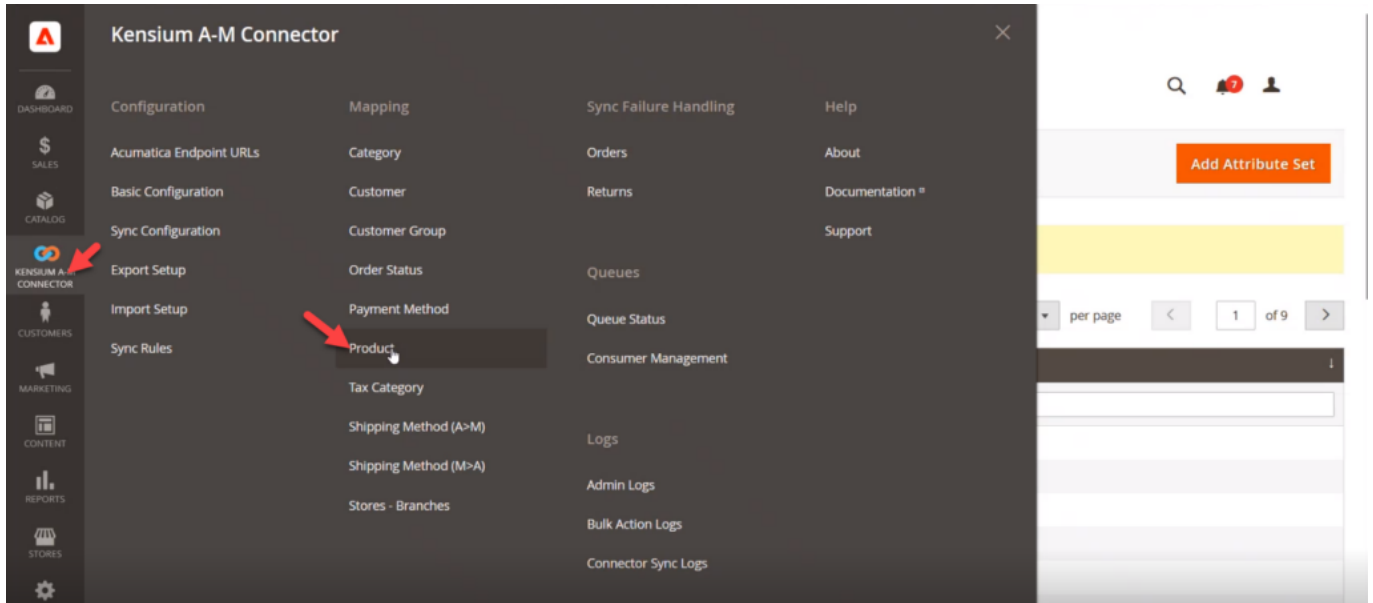


Active	AttributeID	Substitute ID	Description	Attribute Type	Attribute Values
<input type="checkbox"/>	APPARELS		Apparels	Checkbox	
<input type="checkbox"/>	ASSEMBLED		Assembled or Boxed	Combo	Assembled,Boxed
<input type="checkbox"/>	BALM		Lip Balm	Combo	Exfoliate,Heals,Moisturise
<input checked="" type="checkbox"/>	COLOR	123	Color	Combo	BLACK,BLUE,GREY,RED,WHITE
<input type="checkbox"/>	COLOUR30		Colour30	Combo	Black,Blue,Red
<input type="checkbox"/>	CONFIGURAB		Configurable Attributes	Text	
<input type="checkbox"/>	CUSHION		CUSHION	Combo	Floral,Plain
<input type="checkbox"/>	DATE		Date	Datetime	
<input checked="" type="checkbox"/>	DEMOCOLOR		Demo Color	Combo	Black,Green,White
<input checked="" type="checkbox"/>	DEMOMCOMBO		Demo Multi Combo	Multi Select Combo	Black,Grey,Red,White
<input checked="" type="checkbox"/>	DEMOSIZE		Demo Size	Combo	L,M,S
<input checked="" type="checkbox"/>	DEMOTEXT		Demo Text	Text	
<input checked="" type="checkbox"/>	DESIGN		Design Logo	Text	
<input type="checkbox"/>	EXCOLOR		Excolor	Combo	Black,Green,Red,white
<input checked="" type="checkbox"/>	GCOLOR		G Color	Combo	B,W
<input checked="" type="checkbox"/>	GSIZE		G Size	Combo	M,S

The created attributes are displayed in [Product Schema]

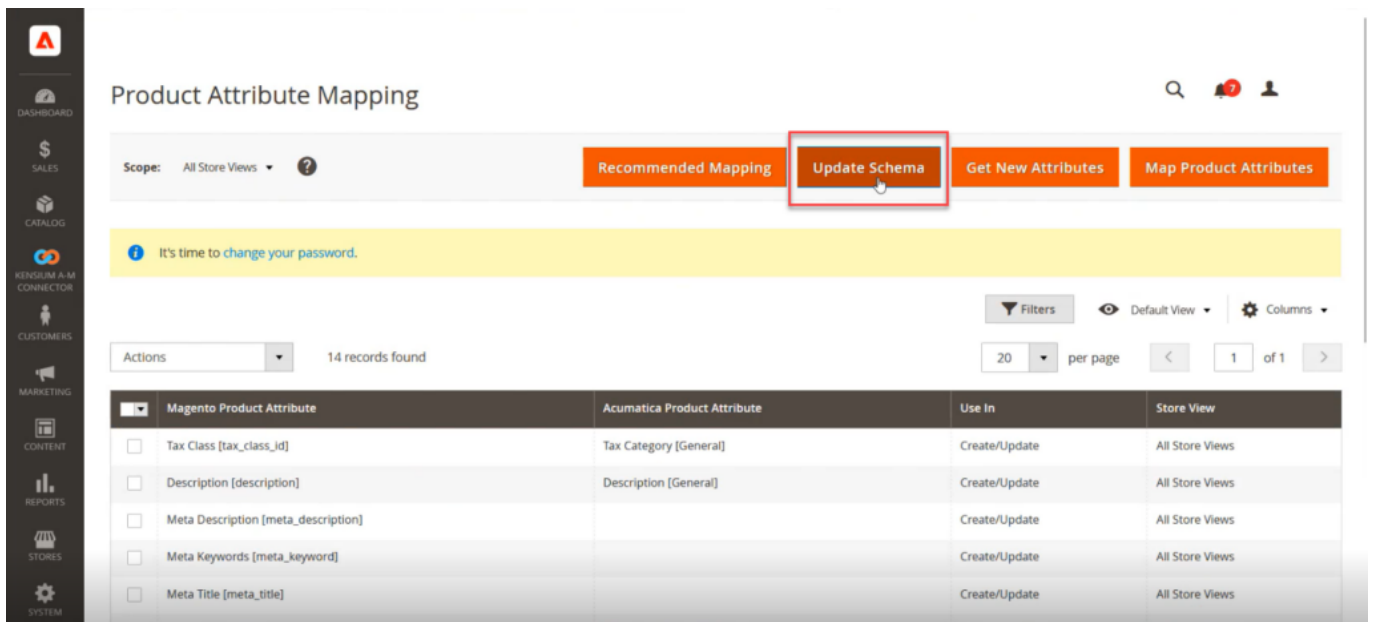
You can also create Date and Text boxes.

You need to Map the newly created attributes with Magento. To map the attributes, go to the Mapping section of Magento and click on Product Mapping.



Map the attributes in Magento

To fetch the attributes from Acumatica you need to click on **[Update Schema]**.



Updating the Schema

From the Get New Attributes you will be able to filter the new attributes which you have created and synced.

Acumatica Attributes
✕

Filters
Default View
Columns

Active filters: Attribute Code: demo
Clear all

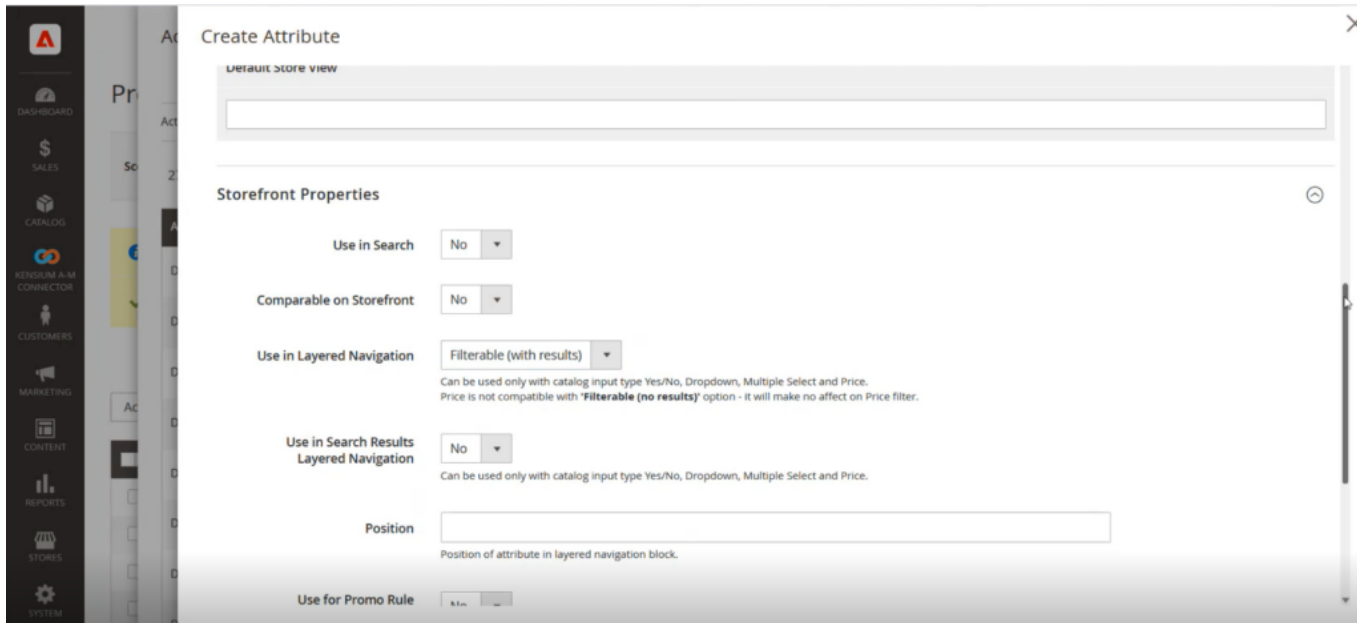
27 records found

100 per page
 <
1 of 1
 >

Attribute Code	Attribute Label	Data Type	Action
DEMOCOLOR	Demo Color	Combo	Create
DEMOCOMBO	Demo Combo	Combo	Create
DEMOSIZE	Demo Size	Combo	Create
DEMOTEST1	Demo Test1	Text	Create
DEMOTEST2	Demo Test2	Combo	Create
DEMOTEST3	Demo Test3	Multi Select Combo	Create
DEMOTEST4	Demo Test4	Datetime	Create
DEMO2CMB	DEMO2CMB	Combo	Create

Get New Attributes

Follow the below screenshot to proceed to create the attributes in Magento from Acumatica.



Create Attribute

Default Store View

Storefront Properties

Use in Search: No

Comparable on Storefront: No

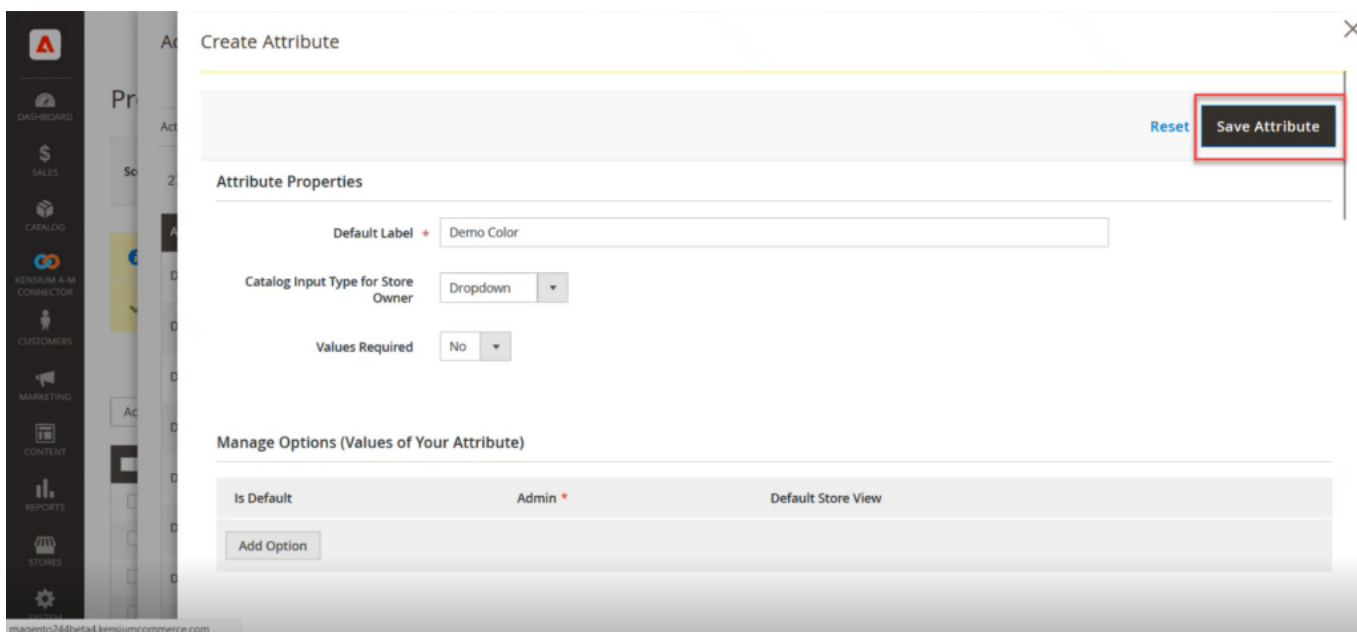
Use in Layered Navigation: Filterable (with results)
Can be used only with catalog input type Yes/No, Dropdown, Multiple Select and Price. Price is not compatible with 'Filterable (no results)' option - it will make no affect on Price filter.

Use in Search Results Layered Navigation: No
Can be used only with catalog input type Yes/No, Dropdown, Multiple Select and Price.

Position:
Position of attribute in layered navigation block.

Use for Promo Rule: ☐

Configuring the new attributes within Magento.



Create Attribute

Reset Save Attribute

Attribute Properties

Default Label: Demo Color

Catalog Input Type for Store Owner: Dropdown

Values Required: No

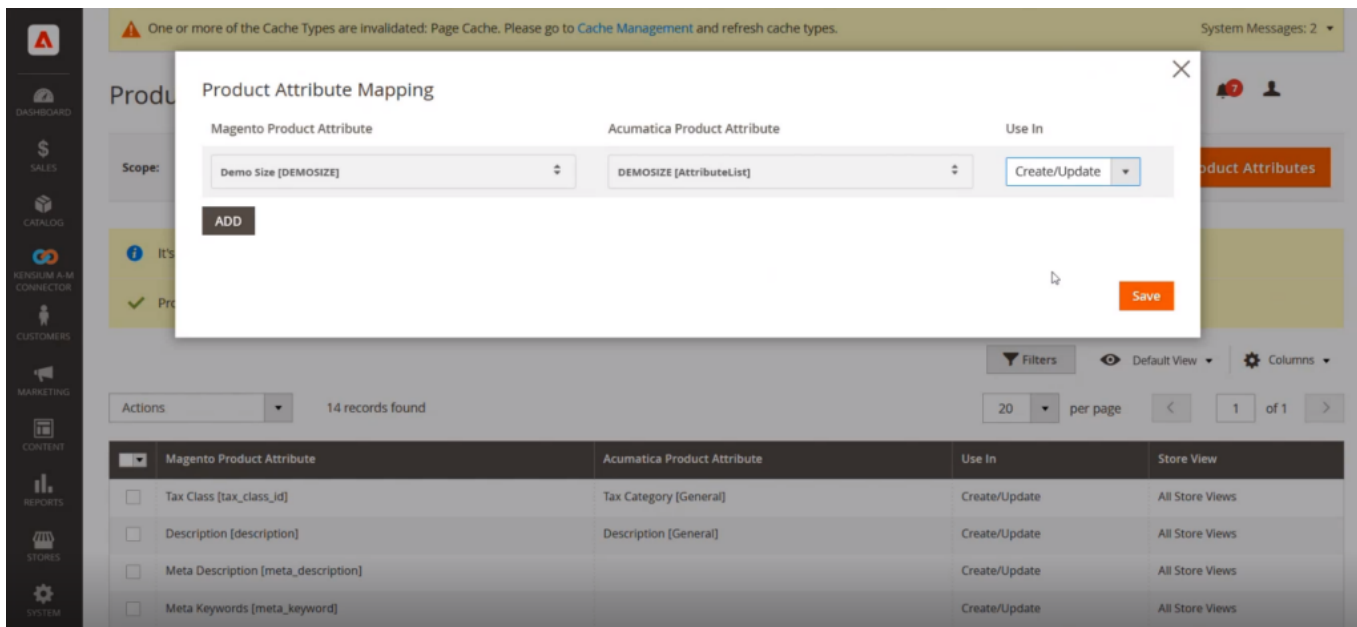
Manage Options (Values of Your Attribute)

Is Default	Admin	Default Store View

Add Option

Save the attributes within Magento.

Similarly, the 4 attributes which you have created in Acumatica will be shown in Magento and you need to configure those 4 attributes. So, after configuring the attributes you need to map those 4 product attributes with Magento product Attributes and Acumatica Product Attributes.



One or more of the Cache Types are invalidated: Page Cache. Please go to [Cache Management](#) and refresh cache types. System Messages: 2

Product Attribute Mapping

Magento Product Attribute | Acumatica Product Attribute | Use In

Scope: Demo Size [DEMOSIZE] | DEMOSIZE [AttributeList] | Create/Update

ADD

Save

Filters | Default View | Columns

Actions | 14 records found | 20 per page | 1 of 1

Magento Product Attribute	Acumatica Product Attribute	Use In	Store View
<input type="checkbox"/> Tax Class [tax_class_id]	Tax Category [General]	Create/Update	All Store Views
<input type="checkbox"/> Description [description]	Description [General]	Create/Update	All Store Views
<input type="checkbox"/> Meta Description [meta_description]		Create/Update	All Store Views
<input type="checkbox"/> Meta Keywords [meta_keyword]		Create/Update	All Store Views

Map the Product Attributes

One or more of the Cache Types are invalidated: Page Cache. Please go to [Cache Management](#) and refresh cache types. System Messages: 2

Product Attribute Mapping

Magento Product Attribute	Acumatica Product Attribute	Use In	
Demo Size [DEMOSIZE]	DEMOSIZE [AttributeList]	Create/Update	Delete
Demo Color [DEMOCOLOR]	DEMOCOLOR [AttributeList]	Create/Update	Delete
Oct Date [OCTDATE]	OCTDATE [AttributeList]	Create/Update	Delete
Oct text [OCTTEXT]	OCTTEXT [AttributeList]	Create/Update	Delete

ADD

Save

Attribute	Category	Use In	Store Views
Tax Class [tax_class_id]	Tax Category [General]	Create/Update	All Store Views
Description [description]	Description [General]	Create/Update	All Store Views
Meta Description [meta_description]		Create/Update	All Store Views
Meta Keywords [meta_keyword]		Create/Update	All Store Views

All 4 Product Attributes are mapped

Product Attribute Mapping

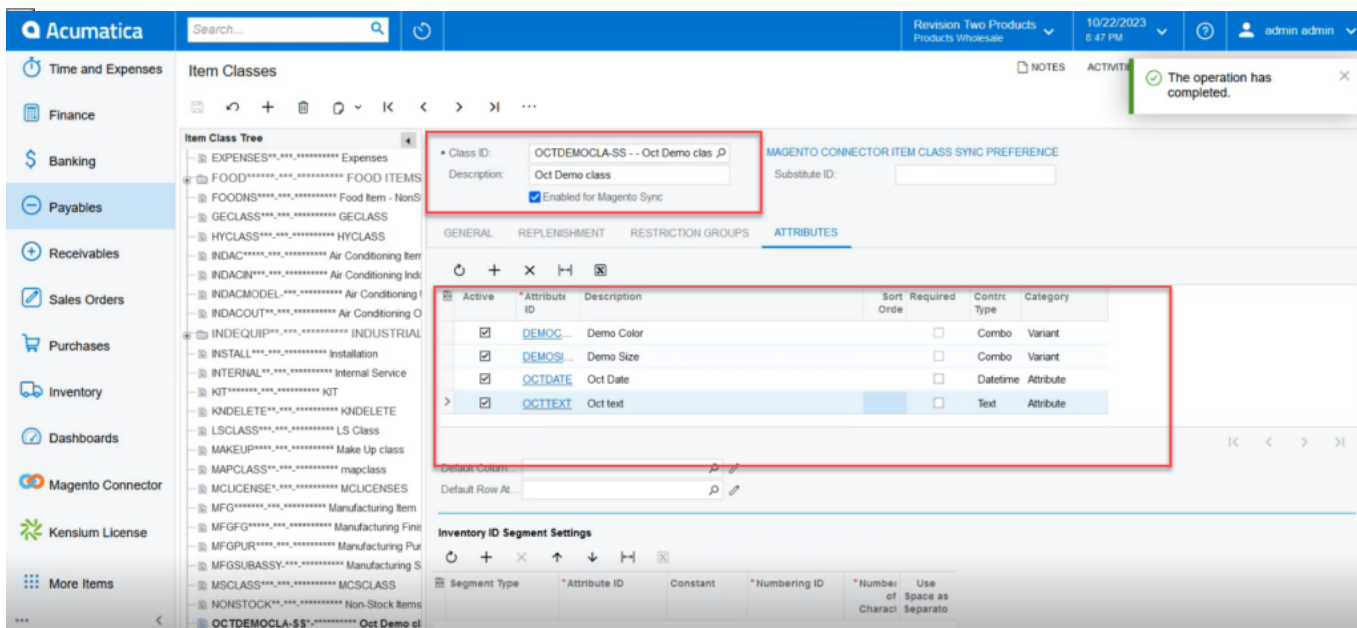
[Recommended Mapping](#) [Update Schema](#) [Get New Attributes](#) [Map Product Attributes](#)

<input type="checkbox"/>	SKU [sku]	Inventory ID [General]	Create/Update	All Store Views
<input type="checkbox"/>	Enable Product [status]		Create/Update	All Store Views
<input type="checkbox"/>	Visibility [visibility]	Visibility [Ecommerce]	Create/Update	All Store Views
<input type="checkbox"/>	Weight [weight]		Create/Update	All Store Views
<input type="checkbox"/>	King Color [KINGCOLOR]	KINGCOLOR [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	King Size [KINGSIZE]	KINGSIZE [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Demo Size [DEMOSIZE]	DEMOSIZE [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Demo Color [DEMOCOLOR]	DEMOCOLOR [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Oct Date [OCTDATE]	OCTDATE [AttributeList]	Create/Update	All Store Views
<input type="checkbox"/>	Oct text [OCTTEXT]	OCTTEXT [AttributeList]	Create/Update	All Store Views

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[Privacy Policy](#) | [Account Activity](#) | [Report an Issue](#)

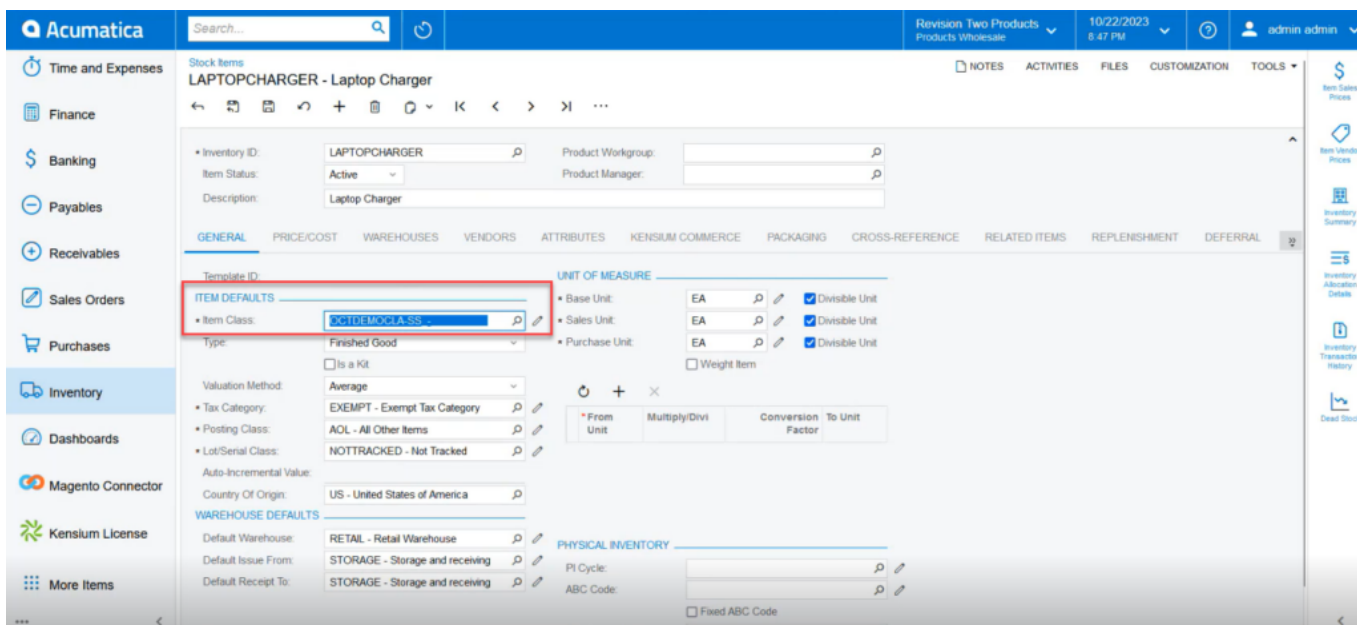
All 4 Product Attributes are displayed in the Product Attribute Mapping

Now in Acumatica create a simple stock item with this same Item Class which you have created before.



The screenshot shows the Acumatica Item Class configuration interface. The left sidebar lists various modules like Time and Expenses, Finance, Banking, Payables, Receivables, Sales Orders, Purchases, Inventory, Dashboards, Magento Connector, and Kensium License. The main area displays the 'Item Class Tree' on the left and the 'Item Class Details' on the right. The 'Item Class Details' section includes fields for Class ID (OCTDEMOCLA-SS), Description (Oct Demo class), and a checkbox for 'Enabled for Magento Sync'. Below this, there are tabs for GENERAL, REPLENISHMENT, RESTRICTION GROUPS, and ATTRIBUTES. The ATTRIBUTES tab is active, showing a table of attributes with columns: Active, Attribute ID, Description, Sort, Required, Order, Contr. Type, and Category. The attributes listed are DEMOC (Demo Color), DEMOS (Demo Size), OCTDATE (Oct Date), and OCTTEXT (Oct text). Below the attributes table, there is a section for 'Inventory ID Segment Settings' with a table for Segment Type, Attribute ID, Constant, Numbering ID, and Number of Space as Character Separator.

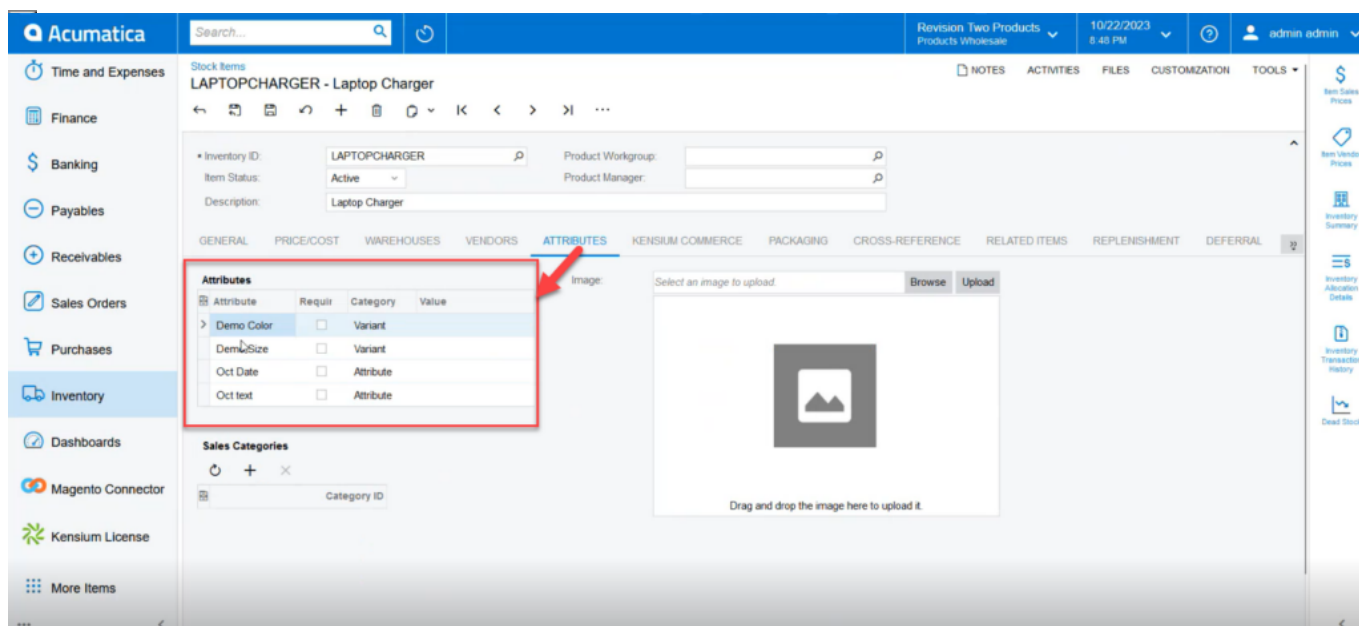
You need to create a product with the same Item Class which will be shown in the Class ID.



The screenshot shows the Acumatica Stock Item configuration interface for 'LAPTOPCHARGER - Laptop Charger'. The left sidebar is the same as the previous screenshot. The main area displays the 'Stock Item Details' section. The 'Inventory ID' is LAPTOPCHARGER, and the 'Item Status' is Active. The 'Description' is Laptop Charger. Below this, there are tabs for GENERAL, PRICE/COST, WAREHOUSES, VENDORS, ATTRIBUTES, KENSUM COMMERCE, PACKAGING, CROSS-REFERENCE, RELATED ITEMS, REPLENISHMENT, and DEFERRAL. The GENERAL tab is active, showing fields for Template ID, Item Defaults, and Unit of Measure. The 'Item Defaults' section includes fields for Item Class (OCTDEMOCLA-SS), Type (Finished Good), Valuation Method (Average), Tax Category (EXEMPT - Exempt Tax Category), Posting Class (AOL - All Other Items), Lot/Serial Class (NOTTRACKED - Not Tracked), Auto-Incremental Value, and Country of Origin (US - United States of America). The 'Unit of Measure' section includes fields for Base Unit (EA), Sales Unit (EA), and Purchase Unit (EA), all of which are marked as 'Divisible Unit'. Below this, there is a section for 'Warehouse Defaults' with fields for Default Warehouse (RETAIL - Retail Warehouse), Default Issue From (STORAGE - Storage and receiving), and Default Receipt To (STORAGE - Storage and receiving). The 'Physical Inventory' section includes fields for PI Cycle and ABC Code.

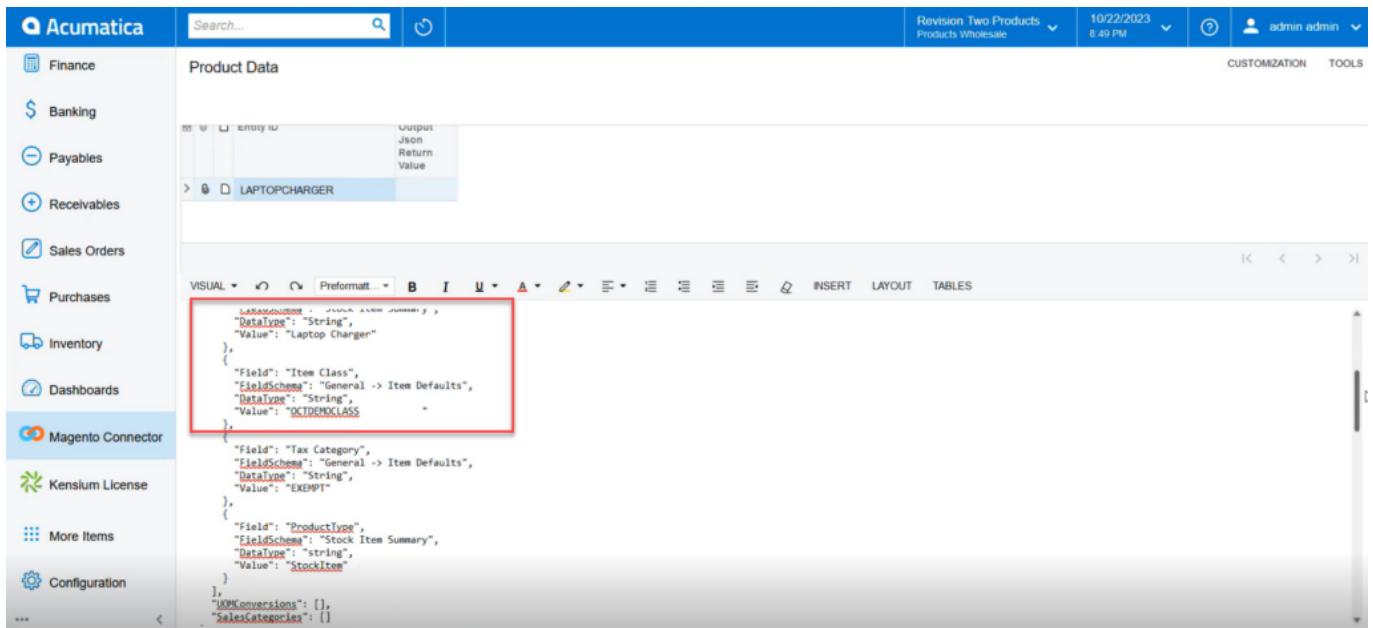
The mapped attributes will be shown here against the product. You may have multiple attributes;

however, the condition is it has to be mapped then only it will be displayed.



Mapped attributes are displayed here.

To check the data processing, you need to the Product Data, and you can search by the product that you have created. This process will ensure that the data is being synchronized from Acumatica to Magento.



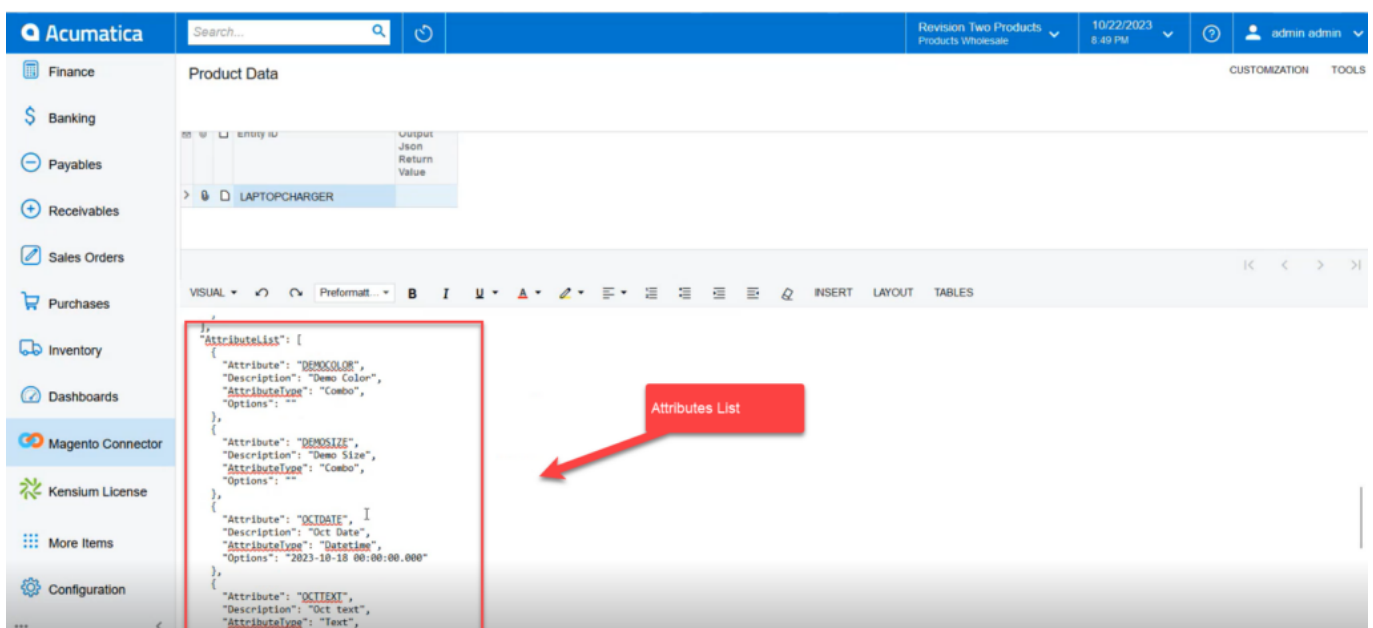
The screenshot shows the Acumatica Product Data editor interface. The left sidebar contains navigation links for Finance, Banking, Payables, Receivables, Sales Orders, Purchases, Inventory, Dashboards, Magento Connector, Kensium License, More Items, and Configuration. The main area displays the 'Product Data' for 'LAPTOPCHARGER'. A red box highlights the following JSON snippet:

```

{
  "Field": "Item Class",
  "FieldSchema": "General -> Item Defaults",
  "DataType": "String",
  "Value": "Laptop Charger"
}

```

Data Type in the JSON



The screenshot shows the Acumatica Product Data editor interface. The left sidebar contains navigation links for Finance, Banking, Payables, Receivables, Sales Orders, Purchases, Inventory, Dashboards, Magento Connector, Kensium License, More Items, and Configuration. The main area displays the 'Product Data' for 'LAPTOPCHARGER'. A red box highlights the following JSON snippet:

```

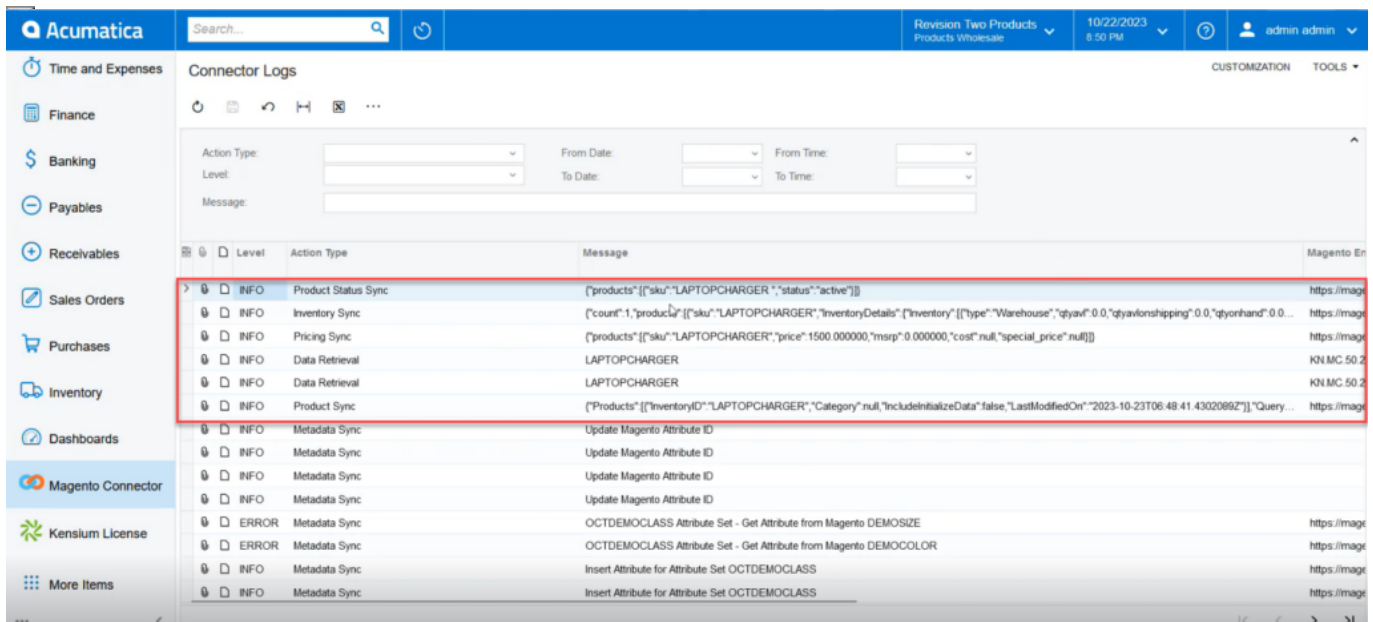
{
  "AttributeList": [
    {
      "Attribute": "DEMOCOLOR",
      "Description": "Demo Color",
      "AttributeType": "Combo",
      "Options": ""
    },
    {
      "Attribute": "DEMOSIZE",
      "Description": "Demo Size",
      "AttributeType": "Combo",
      "Options": ""
    },
    {
      "Attribute": "OCTDATE",
      "Description": "Oct Date",
      "AttributeType": "Datetime",
      "Options": "2023-10-18 00:00:00.000"
    },
    {
      "Attribute": "OCTTEXT",
      "Description": "Oct text",
      "AttributeType": "Text",
      "Options": ""
    }
  ]
}

```

A red arrow points from the label 'Attribute List' to the 'AttributeList' field in the JSON.

Attribute List in the JSON File

You can check whether the data is passing or not from the Acumatica Connector Logs.

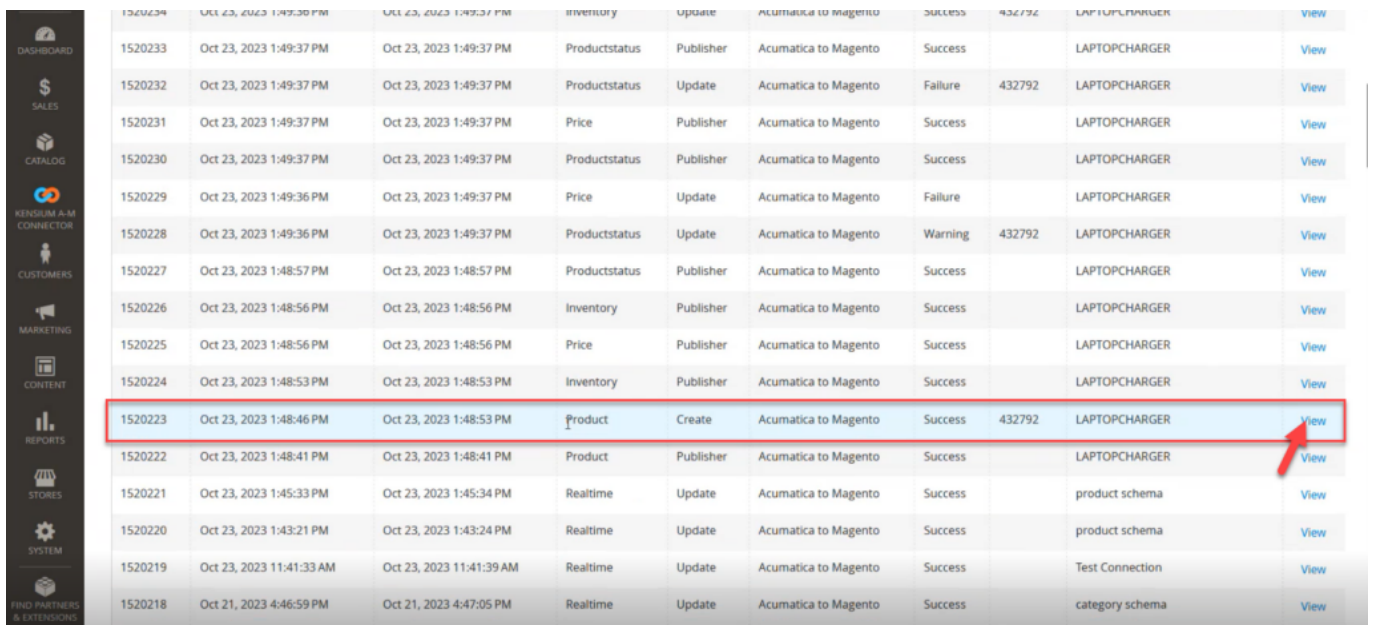


The screenshot shows the Acumatica Connector Logs interface. The top navigation bar includes the Acumatica logo, a search bar, and user information (admin admin). The left sidebar lists various modules: Time and Expenses, Finance, Banking, Payables, Receivables, Sales Orders, Purchases, Inventory, Dashboards, Magento Connector (highlighted), Kensium License, and More Items. The main area is titled 'Connector Logs' and contains a table of log entries. A red box highlights a specific log entry for 'Product Status Sync' with the message: `{"products":[{"sku":"LAPTOPCHARGER","status":"active"}]}`.

Level	Action Type	Message	Magento En
INFO	Product Status Sync	["products":[{"sku":"LAPTOPCHARGER","status":"active"}]]	https://image
INFO	Inventory Sync	["count":1,"product":{"sku":"LAPTOPCHARGER","inventoryDetails":{"inventory":{"type":"Warehouse","qtyavl":0.0,"qtyonhand":0.0...	https://image
INFO	Pricing Sync	["products":[{"sku":"LAPTOPCHARGER","price":1500.000000,"msrp":0.000000,"cost":null,"special_price":null}]]	https://image
INFO	Data Retrieval	LAPTOPCHARGER	KN.MC.50.2
INFO	Data Retrieval	LAPTOPCHARGER	KN.MC.50.2
INFO	Product Sync	["Products":[{"InventoryID":"LAPTOPCHARGER","Category":null,"IncludeInitializeData":false,"LastModifiedOn":"2023-10-23T06:48:41.430208Z"}]]	https://image
INFO	Metadata Sync	Update Magento Attribute ID	
INFO	Metadata Sync	Update Magento Attribute ID	
INFO	Metadata Sync	Update Magento Attribute ID	
INFO	Metadata Sync	Update Magento Attribute ID	
ERROR	Metadata Sync	OCTDEMOCLASS Attribute Set - Get Attribute from Magento DEMOSIZE	https://image
ERROR	Metadata Sync	OCTDEMOCLASS Attribute Set - Get Attribute from Magento DEMOCOLOR	https://image
INFO	Metadata Sync	Insert Attribute for Attribute Set OCTDEMOCLASS	https://image
INFO	Metadata Sync	Insert Attribute for Attribute Set OCTDEMOCLASS	https://image

Acumatica Connector Log Details


On the Magento connector log, we can check the same.

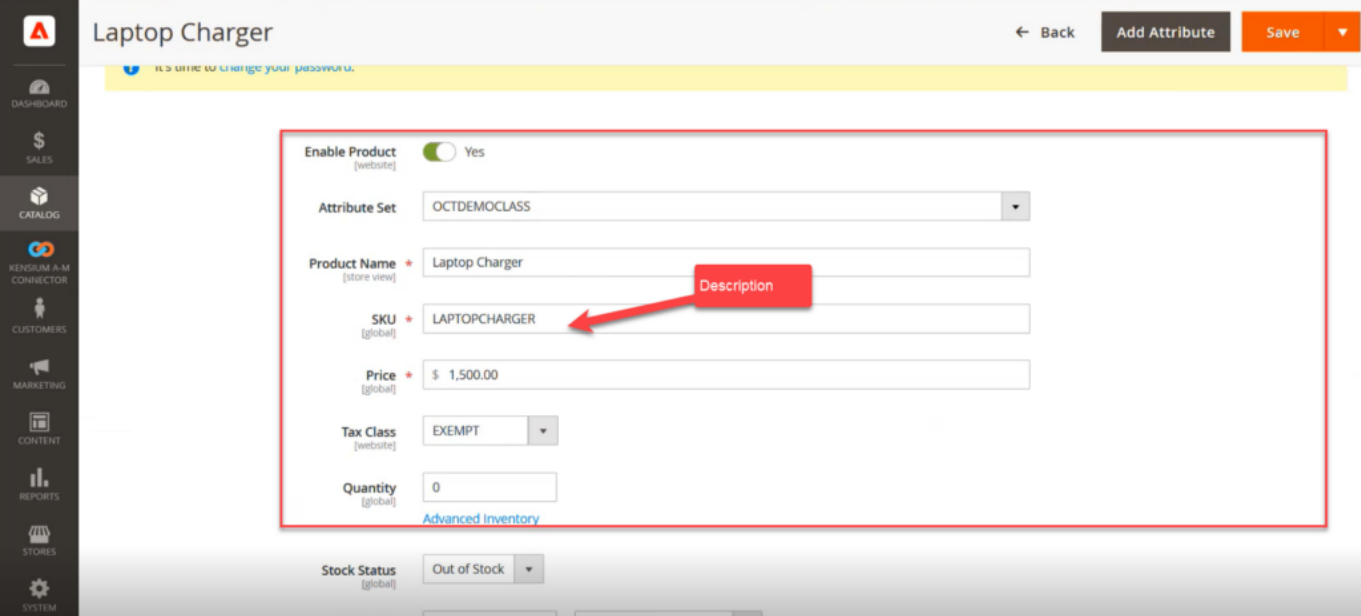


The screenshot shows the Magento Connector Log Details interface. The left sidebar lists various modules: DASHBOARD, SALES, CATALOG, KENSUM A.M. CONNECTOR (highlighted), CUSTOMERS, MARKETING, CONTENT, REPORTS, STORES, SYSTEM, and FIND PARTNERS & EXTENSIONS. The main area is a table of log entries. A red box highlights a specific log entry for 'Product Create' with the message: `{"sku":"LAPTOPCHARGER","status":"active"}`.

ID	Timestamp	Product	Action	Direction	Status	SKU	View
1520233	Oct 23, 2023 1:49:37 PM	Productstatus	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER	View
1520232	Oct 23, 2023 1:49:37 PM	Productstatus	Update	Acumatica to Magento	Failure	LAPTOPCHARGER	View
1520231	Oct 23, 2023 1:49:37 PM	Price	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER	View
1520230	Oct 23, 2023 1:49:37 PM	Productstatus	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER	View
1520229	Oct 23, 2023 1:49:36 PM	Price	Update	Acumatica to Magento	Failure	LAPTOPCHARGER	View
1520228	Oct 23, 2023 1:49:36 PM	Productstatus	Update	Acumatica to Magento	Warning	LAPTOPCHARGER	View
1520227	Oct 23, 2023 1:48:57 PM	Productstatus	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER	View
1520226	Oct 23, 2023 1:48:56 PM	Inventory	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER	View
1520225	Oct 23, 2023 1:48:56 PM	Price	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER	View
1520224	Oct 23, 2023 1:48:53 PM	Inventory	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER	View
1520223	Oct 23, 2023 1:48:46 PM	Product	Create	Acumatica to Magento	Success	LAPTOPCHARGER	View
1520222	Oct 23, 2023 1:48:41 PM	Product	Publisher	Acumatica to Magento	Success	LAPTOPCHARGER	View
1520221	Oct 23, 2023 1:45:34 PM	Realtime	Update	Acumatica to Magento	Success	product schema	View
1520220	Oct 23, 2023 1:43:24 PM	Realtime	Update	Acumatica to Magento	Success	product schema	View
1520219	Oct 23, 2023 11:41:39 AM	Realtime	Update	Acumatica to Magento	Success	Test Connection	View
1520218	Oct 21, 2023 4:46:59 PM	Realtime	Update	Acumatica to Magento	Success	category schema	View

Product Synchronization is a success in the connector log

 Upon clicking on the [View] link you will be redirected to the following screen from where you can view all the product-related details.



The screenshot shows the Magento product details page for a product named "Laptop Charger". The page has a sidebar on the left with navigation links: DASHBOARD, SALES, CATALOG, KENDU A-M CONNECTOR, CUSTOMERS, MARKETING, CONTENT, REPORTS, STORES, and SYSTEM. The main content area is titled "Laptop Charger" and includes a "Back" link, "Add Attribute" button, and "Save" button. A yellow banner at the top says "It's time to change your password." The product details form is highlighted with a red border and contains the following fields:

- Enable Product** (website): ☒ Yes
- Attribute Set**: OCTDEMOCLASS
- Product Name** (store view): Laptop Charger
- SKU** (global): LAPTOPCHARGER
- Price** (global): \$ 1,500.00
- Tax Class** (website): EXEMPT
- Quantity** (global): 0
- Stock Status** (global): Out of Stock

A red arrow points from the "Description" label to the "SKU" field.

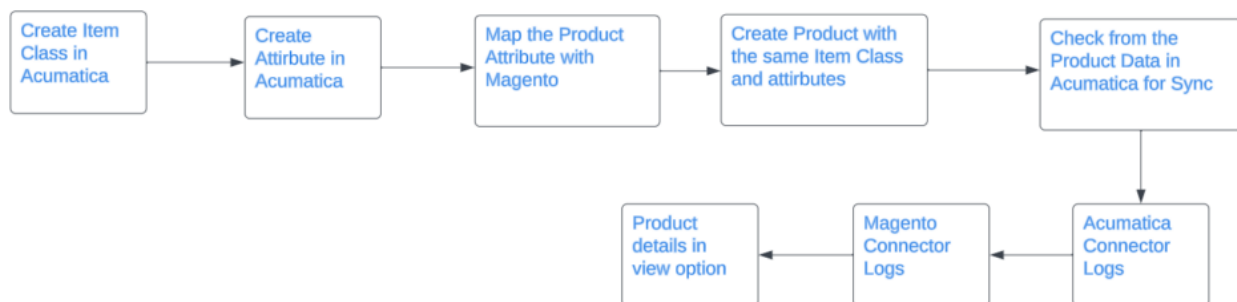
Product details in Magento

While creating the Product no color or size was selected. So, in Magento, these two product attributes will be displayed as blank. However, the drop-down will show the option that was created in the first place.

Details under Acumatica

The above illustration is related to Simple Stock Items. You can follow the same procedure for the Non-Stock Items. **The only difference between Stock and Non-Stock is that Non-Stock will not have the Quantity.**

Item Class Sync with Attributes in Magento and Acumatica for Stock & Non- Stock Item



Flow of Events for Item Class Sync with Attributes

