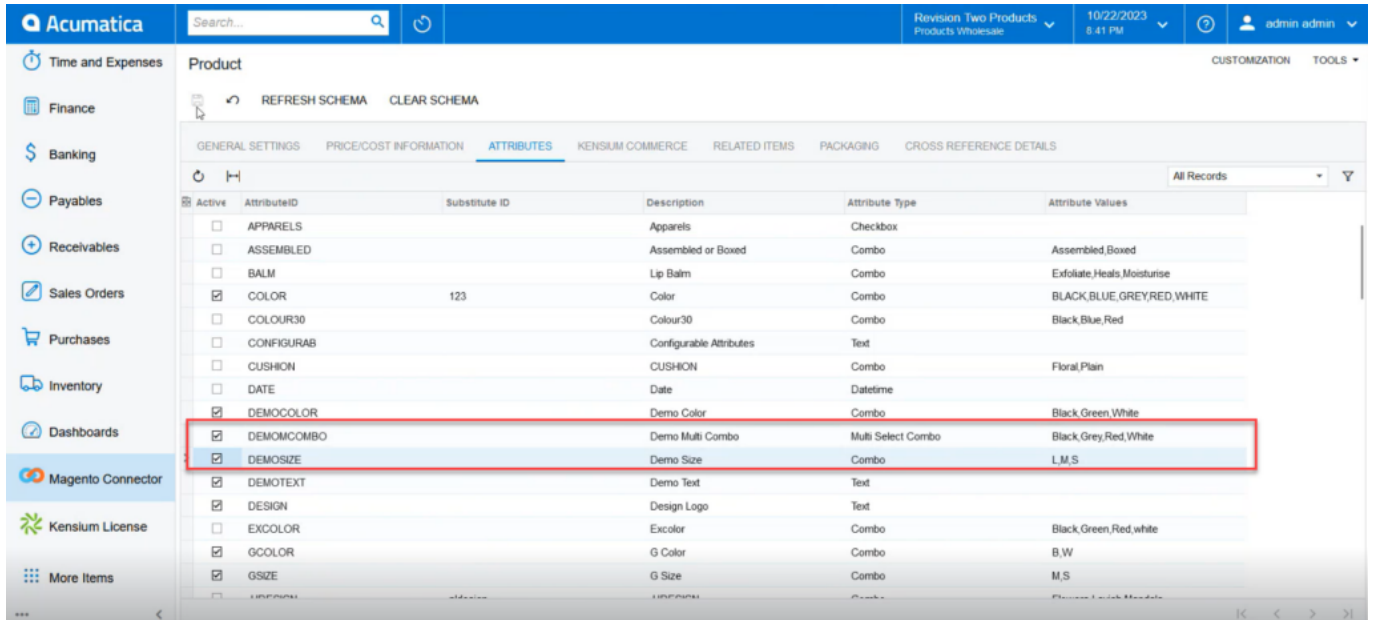


# Attributes in Product Schema

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



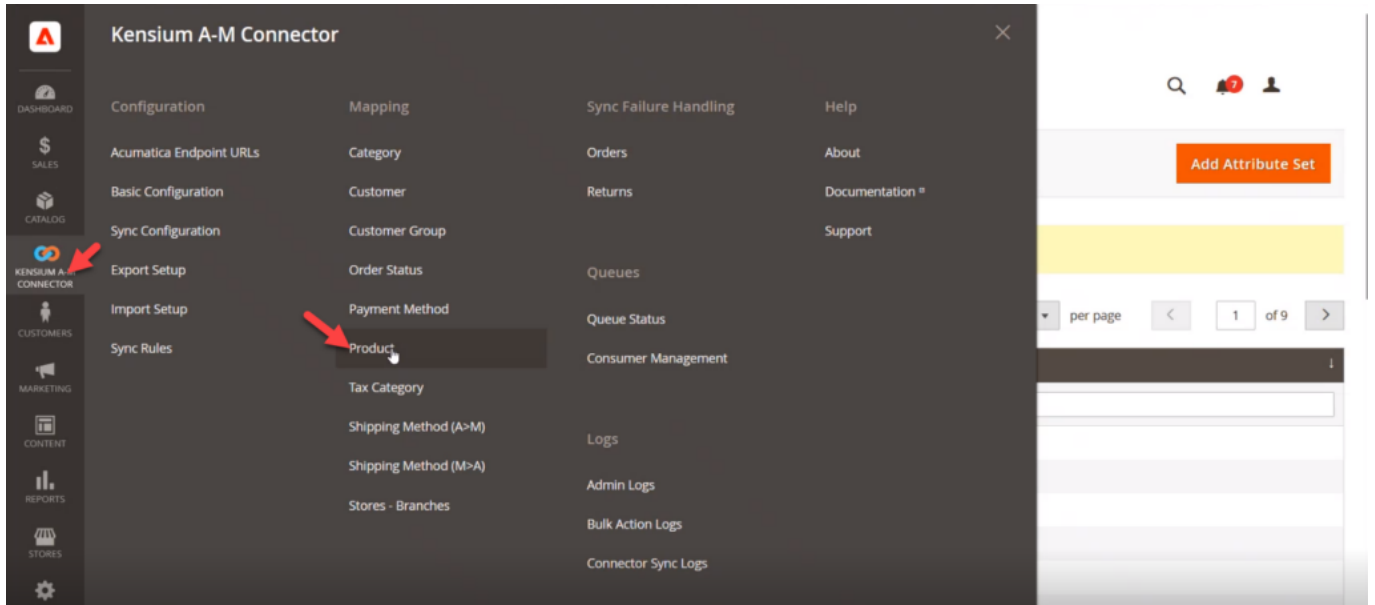
The screenshot shows the Acumatica interface for the Product Schema Attributes page. The table lists various attributes with their IDs, descriptions, types, and values. A red box highlights three newly created attributes: DEMOCOLOR, DEMOMCOMBO, and DEMOSIZE.

| 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]

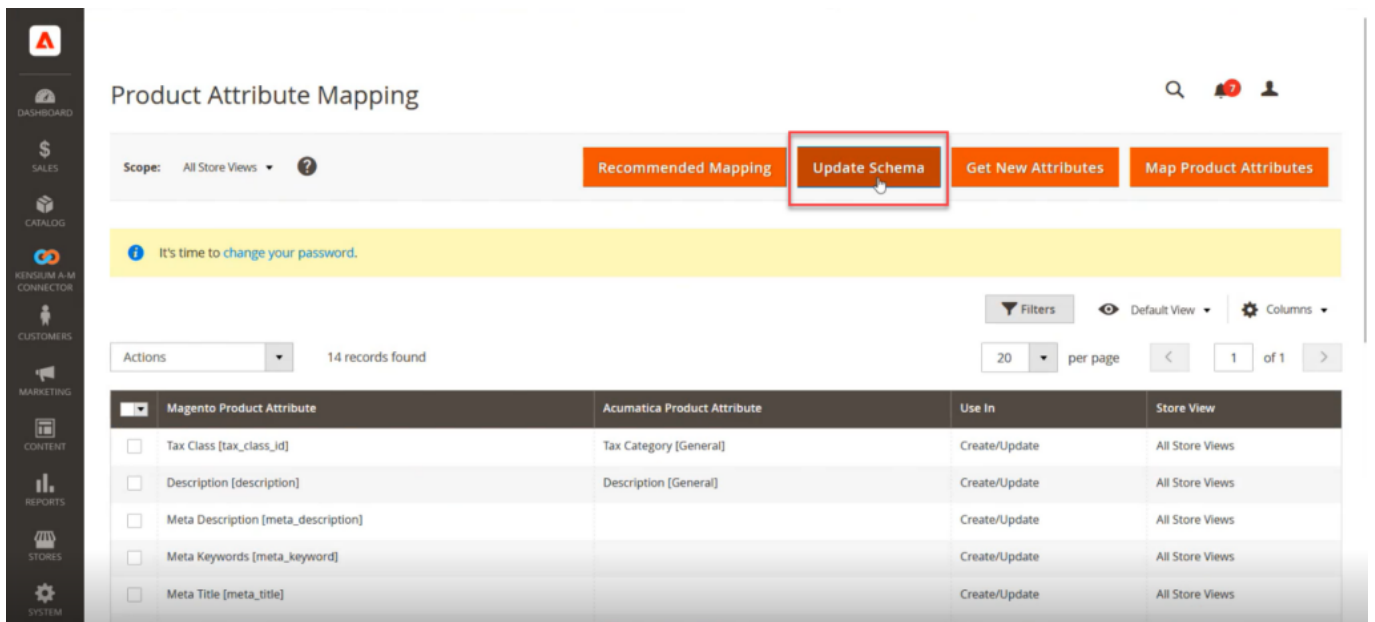
You can also create Date and Text boxes.

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.



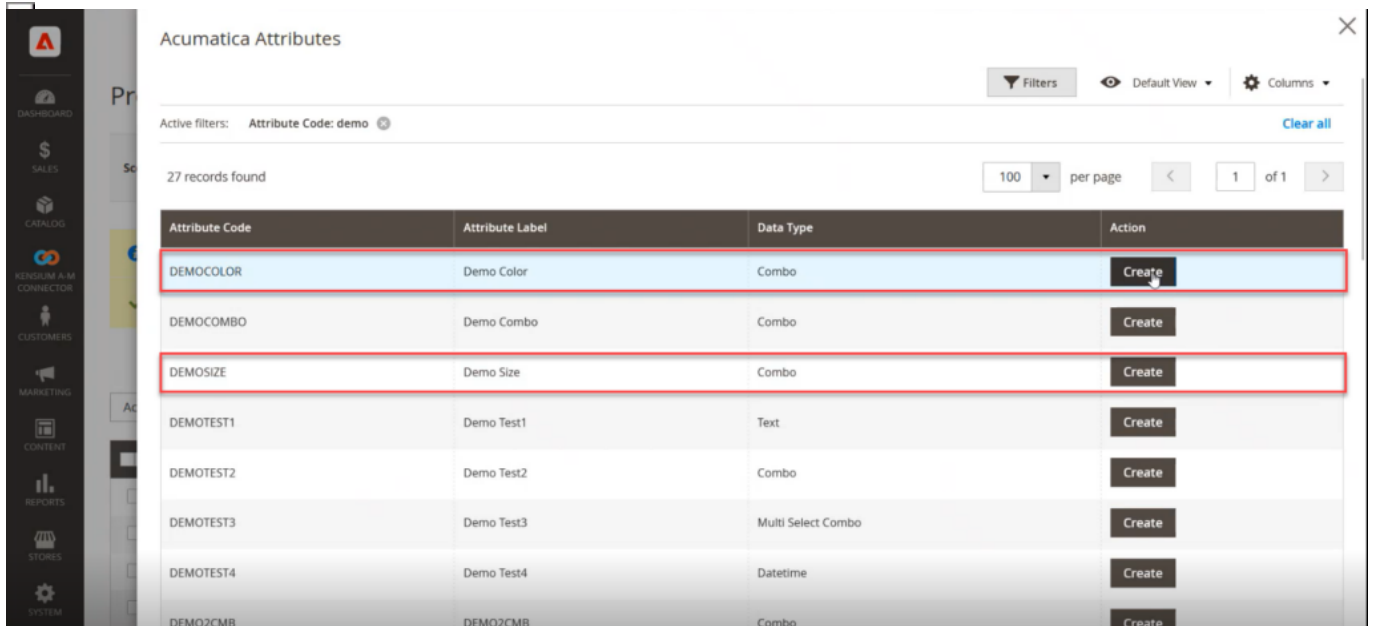
Map the attributes in Magento

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.

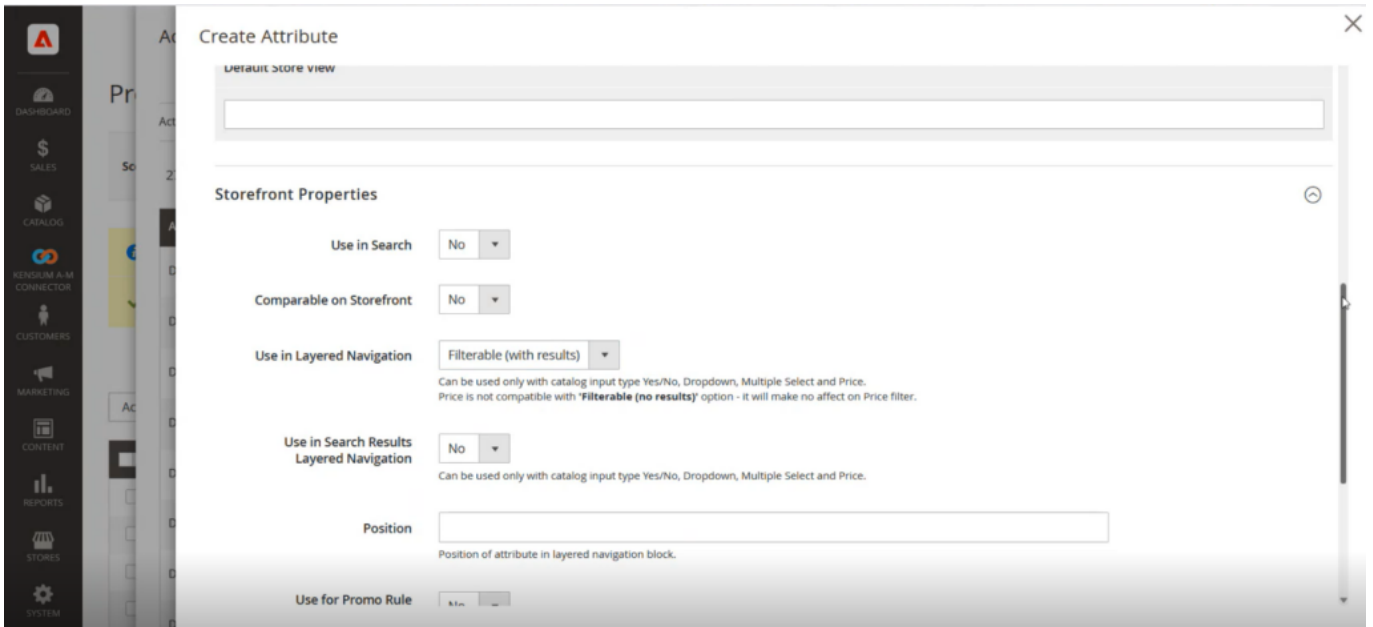


The screenshot shows the 'Acumatica Attributes' interface. It features a sidebar on the left with navigation icons for Dashboard, Sales, Catalog, Kensium A-M Connector, Customers, Marketing, Content, Reports, Stores, and System. The main content area displays a table of attributes with the following columns: Attribute Code, Attribute Label, Data Type, and Action. The table contains 27 records, with the first three rows highlighted in light blue and red boxes. The 'Action' column for each row contains a 'Create' button. The interface also includes a search bar, filters, and pagination controls.

| 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

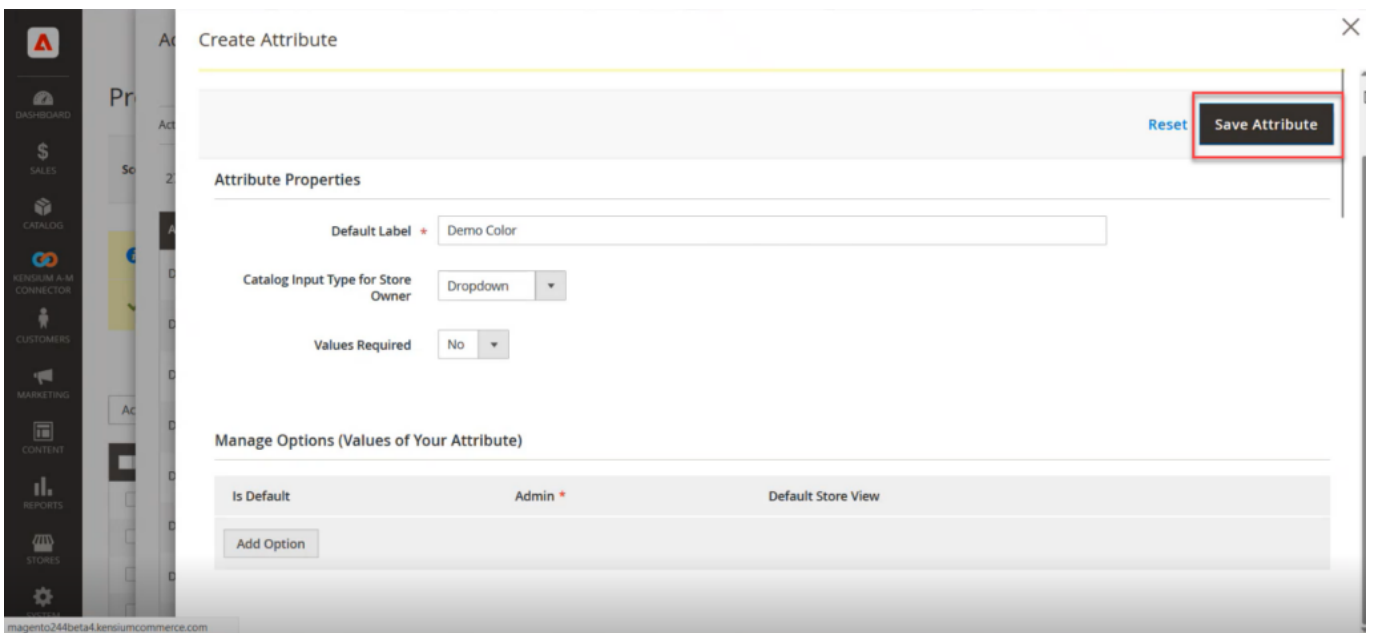
Follow the below screenshot to proceed to create the attributes in Magento from Acumatica.



The screenshot shows the 'Create Attribute' form in the Magento admin interface. The 'Storefront Properties' section is visible, containing several configuration options:

- Use in Search:** No
- Comparable on Storefront:** No
- Use in Layered Navigation:** Filterable (with results). A note below states: "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. A note below states: "Can be used only with catalog input type Yes/No, Dropdown, Multiple Select and Price."
- Position:** An empty text input field with a note: "Position of attribute in layered navigation block."
- Use for Promo Rule:** No

Configuring the new attributes within Magento.



The screenshot shows the 'Create Attribute' form in the Magento admin interface, focusing on the 'Attribute Properties' and 'Manage Options' sections. A red box highlights the 'Save Attribute' button in the top right corner.

**Attribute Properties**

- Default Label:** Demo Color
- Catalog Input Type for Store Owner:** Dropdown
- Values Required:** No

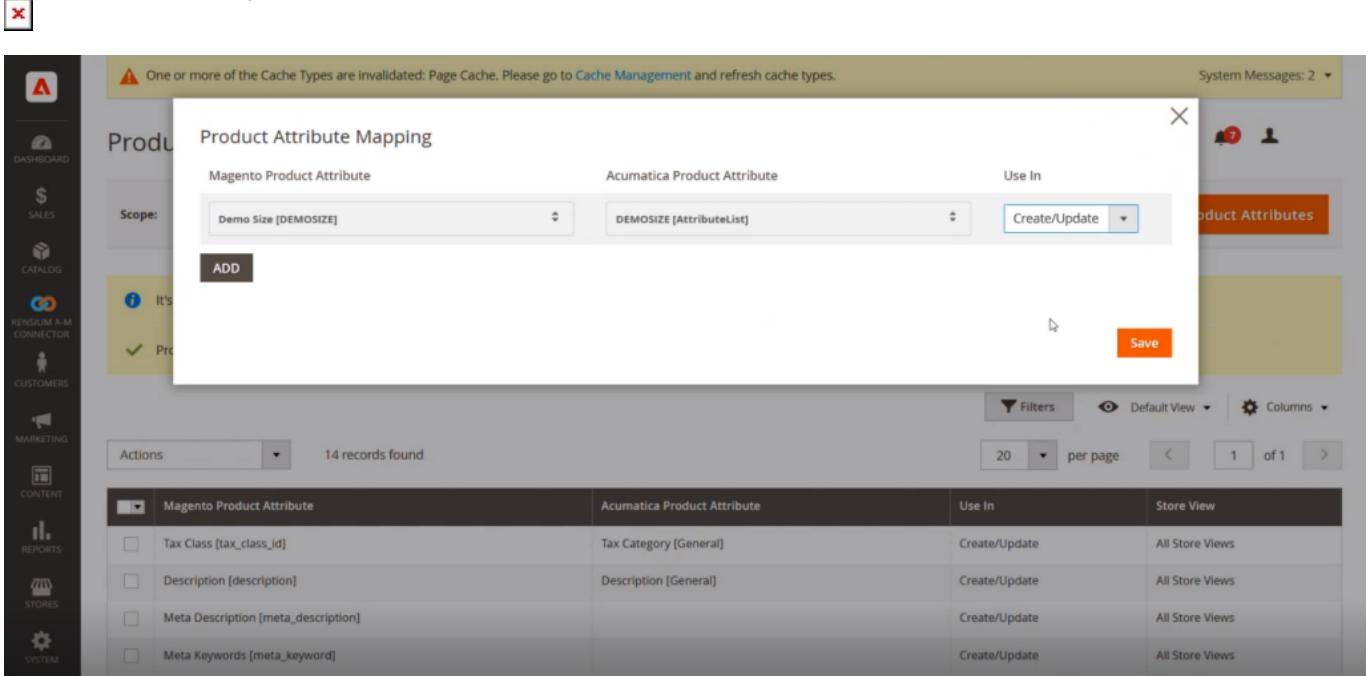
**Manage Options (Values of Your Attribute)**

| Is Default | Admin | Default Store View |
|------------|-------|--------------------|
|            | 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.



Product Attribute Mapping

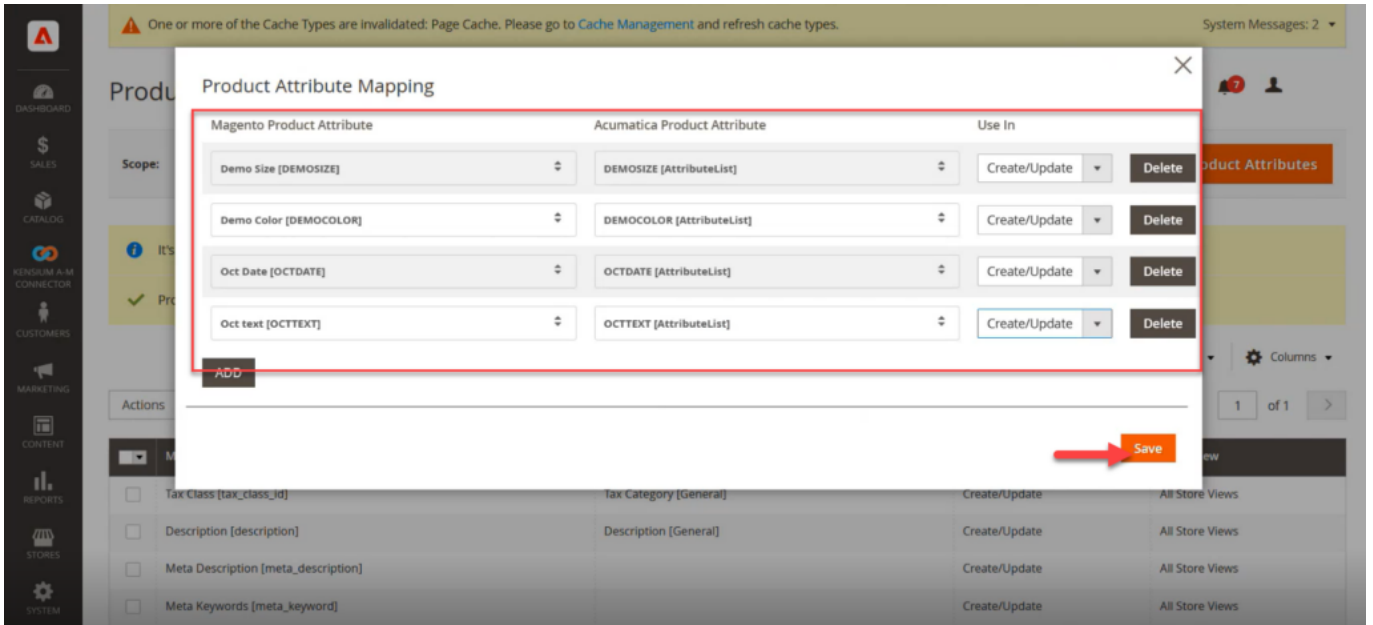
Magento Product Attribute: Demo Size [DEMOSIZE] | Acumatica Product Attribute: DEMOSIZE [AttributeList] | Use In: Create/Update

ADD

Save

| 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



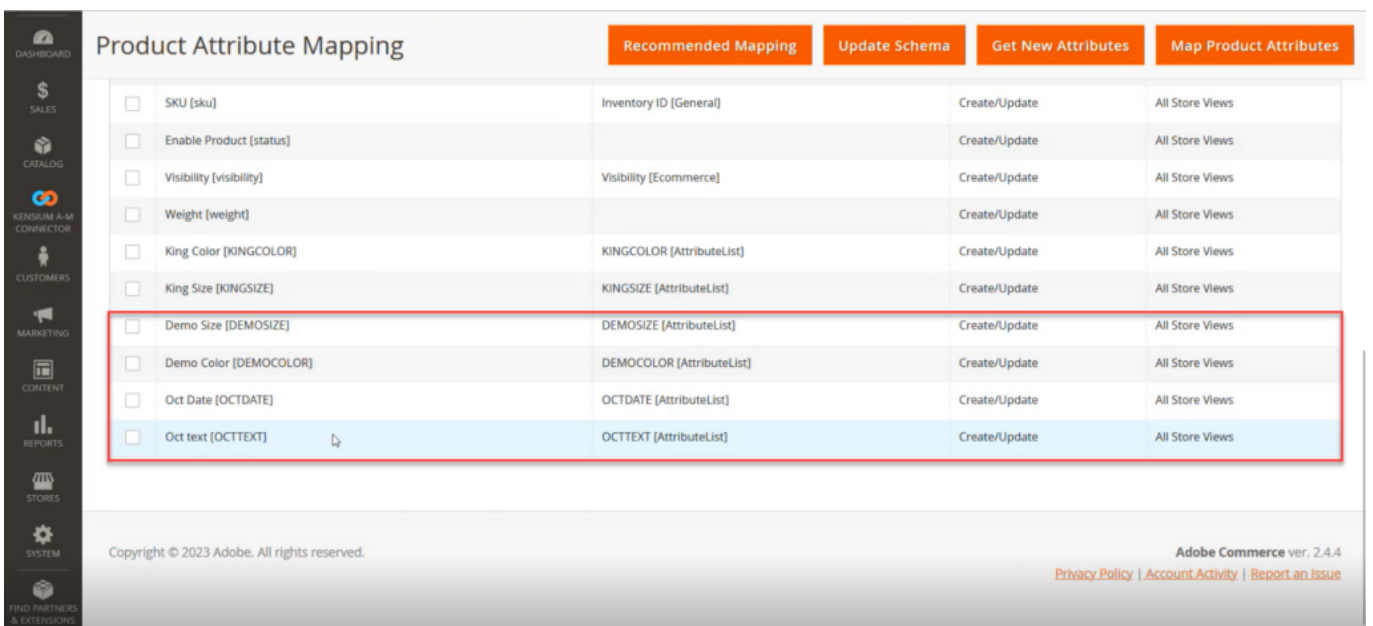
Product Attribute Mapping

| 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

All 4 Product Attributes are mapped



Product Attribute Mapping

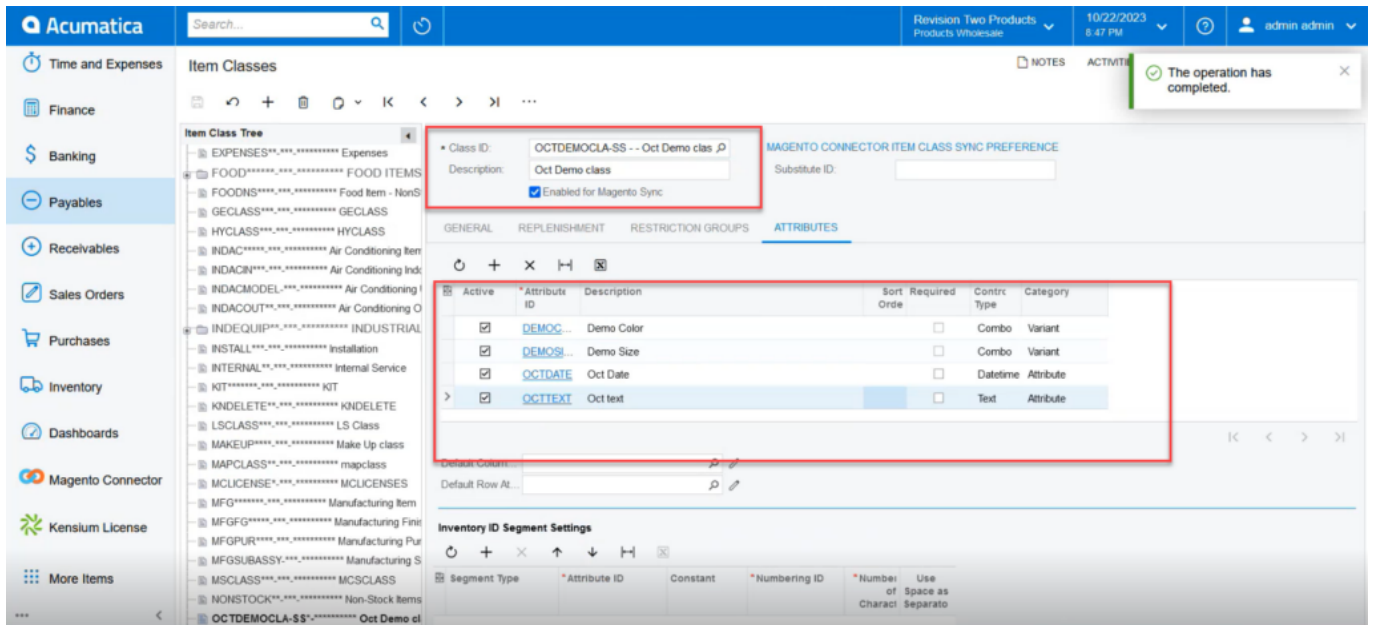
Recommended Mapping Update Schema Get New Attributes Map Product Attributes

|                          |                         |                           |               |                 |
|--------------------------|-------------------------|---------------------------|---------------|-----------------|
| <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

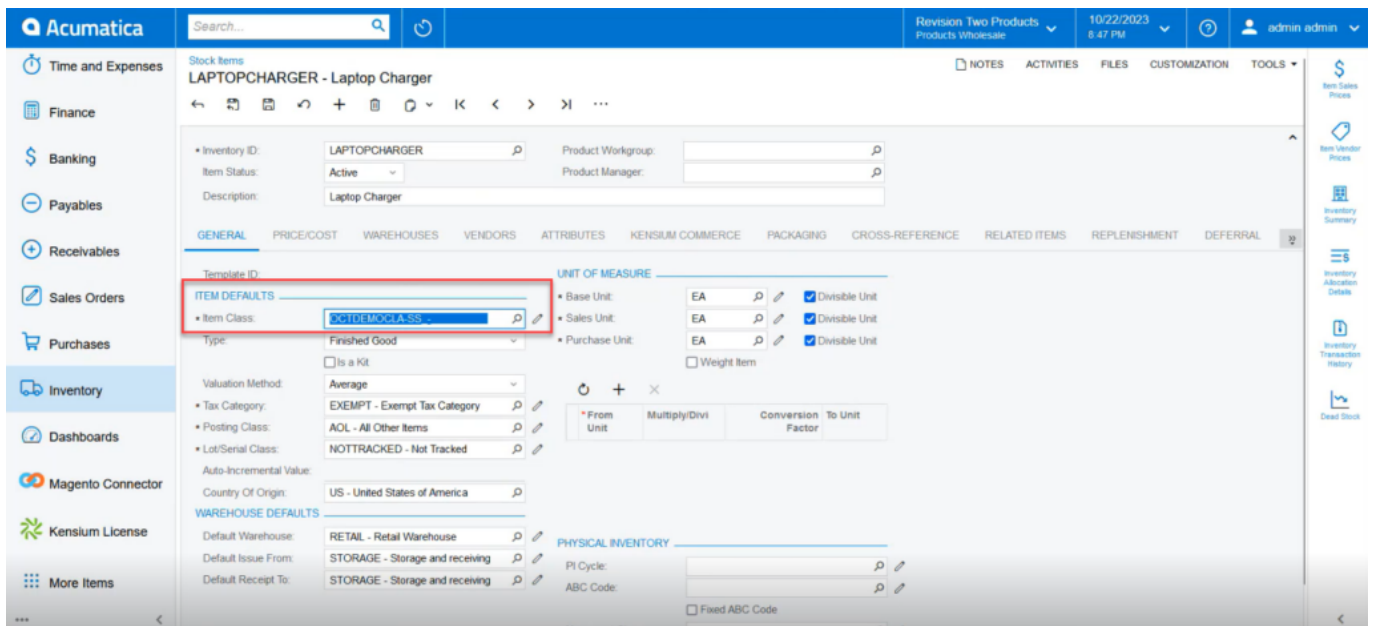
Now in Acumatica create a simple stock item with this same Item Class which you have created before.



The screenshot shows the 'Item Classes' configuration page in Acumatica. The 'Attributes' tab is selected, displaying a table of attributes for the 'OCTDEMOCLA-SS' class. A red box highlights the 'Attributes' table.

| Active                              | Attribute ID | Description | Sort Order | Required                 | Contr. Type | Category  |
|-------------------------------------|--------------|-------------|------------|--------------------------|-------------|-----------|
| <input checked="" type="checkbox"/> | DEMOC...     | Demo Color  |            | <input type="checkbox"/> | Combo       | Variant   |
| <input checked="" type="checkbox"/> | DEMOSI...    | Demo Size   |            | <input type="checkbox"/> | Combo       | Variant   |
| <input checked="" type="checkbox"/> | OCTDATE      | Oct Date    |            | <input type="checkbox"/> | Datetime    | Attribute |
| <input checked="" type="checkbox"/> | OCTTEXT      | Oct text    |            | <input type="checkbox"/> | Text        | Attribute |

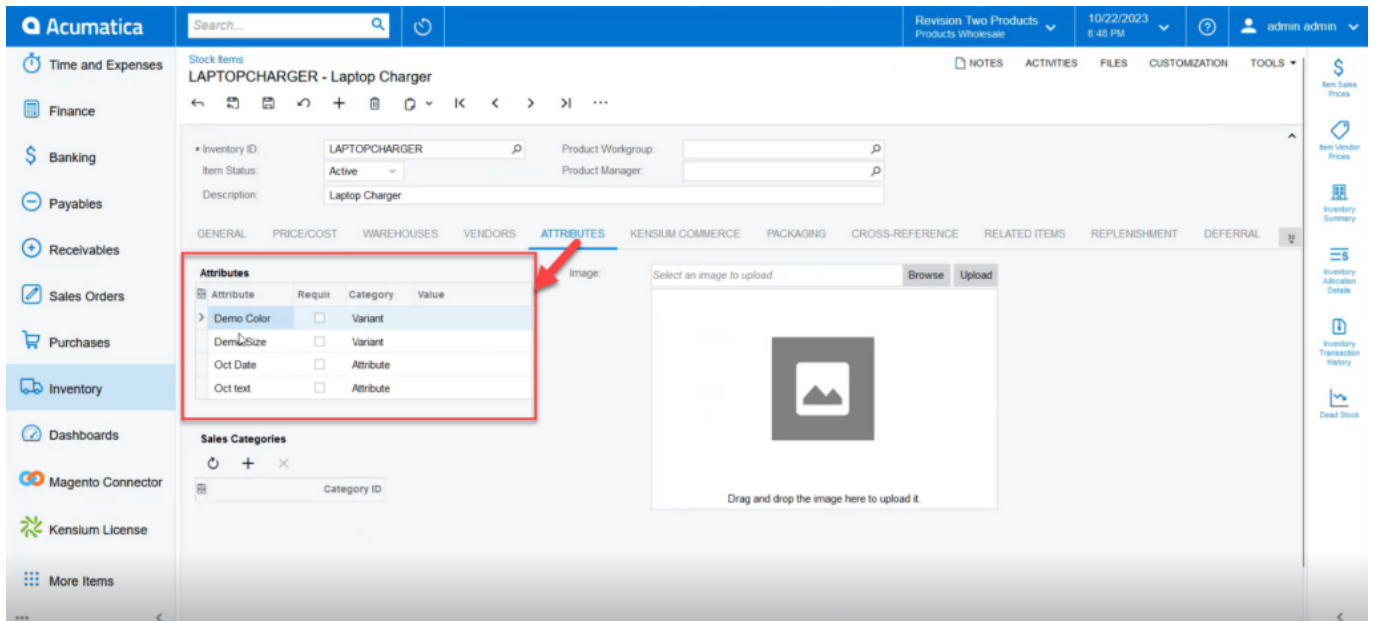
You need to create a product with the same Item Class which will be shown in the Class ID.



The screenshot shows the 'Stock Items' configuration page in Acumatica for the item 'LAPTOPCHARGER - Laptop Charger'. The 'ITEM DEFAULTS' section is highlighted with a red box, showing the 'Item Class' set to 'OCTDEMOCLA-SS'.

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

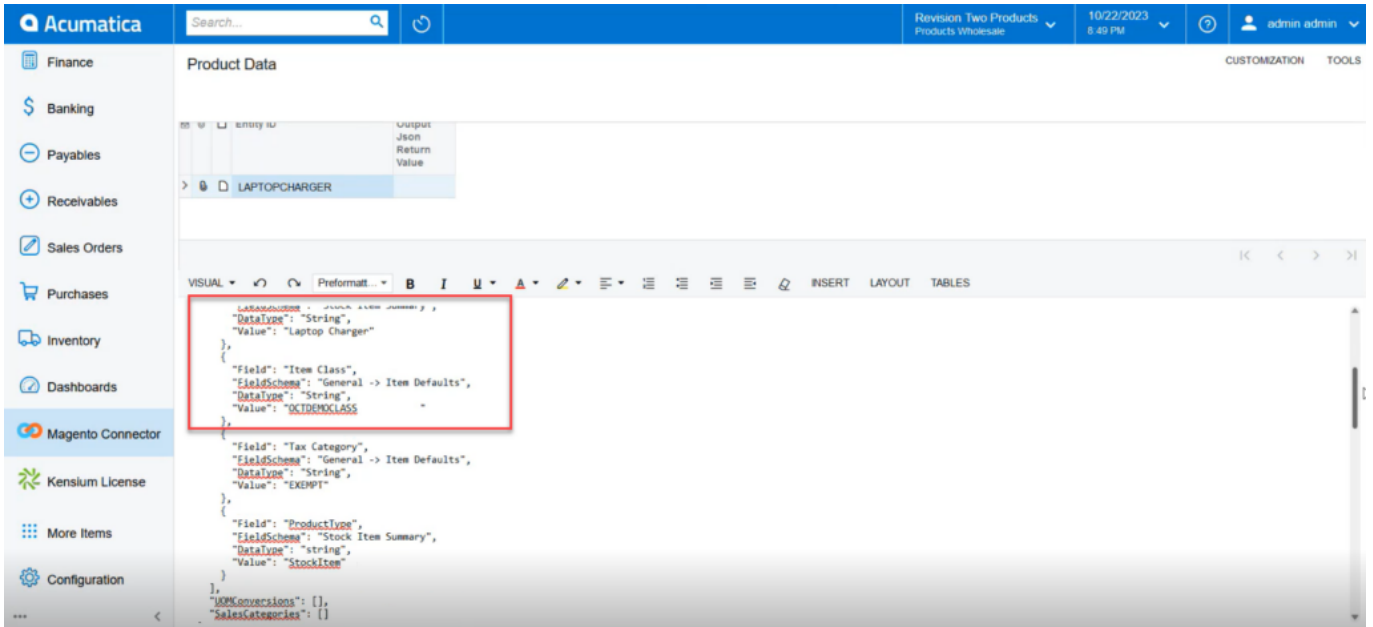
however, the condition is it has to be mapped then only it will be displayed.



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 interface with the 'Product Data' section for 'LAPTOPCHARGER'. A JSON editor is open, displaying a JSON object. A red box highlights the following JSON snippet:

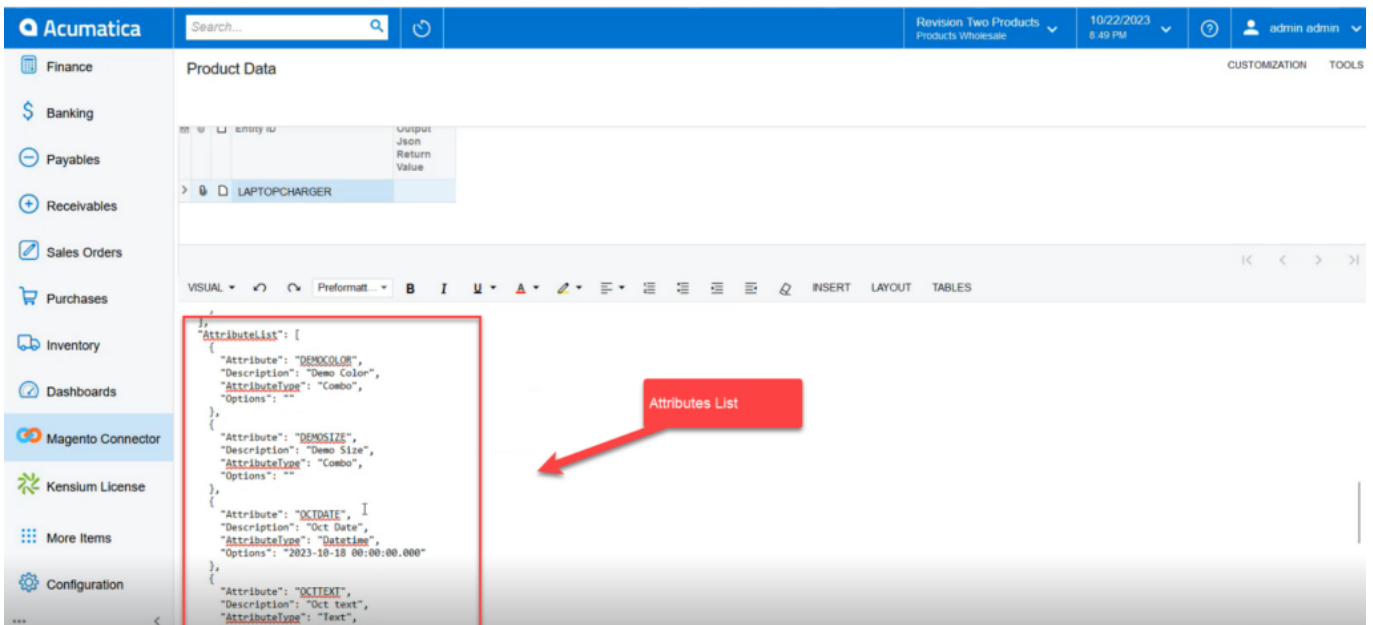
```

{
  "DataType": "String",
  "Value": "Laptop Charger"
}

```

The editor also shows other fields like 'Item Class' with value 'OCTROCKCLASS', 'Tax Category' with value 'EXEMPT', and 'ProductType' with value 'StockItem'.

Data Type in the JSON



The screenshot shows the Acumatica interface with the 'Product Data' section for 'LAPTOPCHARGER'. A JSON editor is open, displaying a JSON object. A red box highlights the 'AttributeList' array, and a red arrow points to it with the label 'Attributes List'.

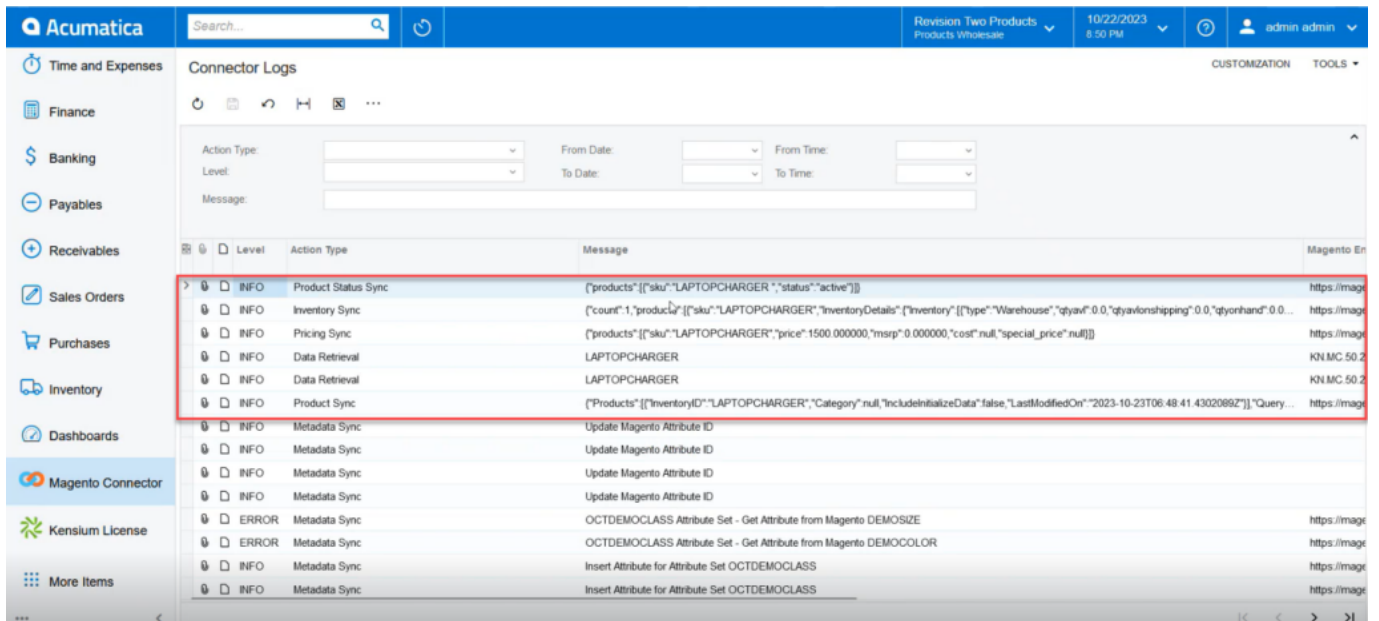
```

"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": ""
  }
]

```

Attribute List in the JSON File

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

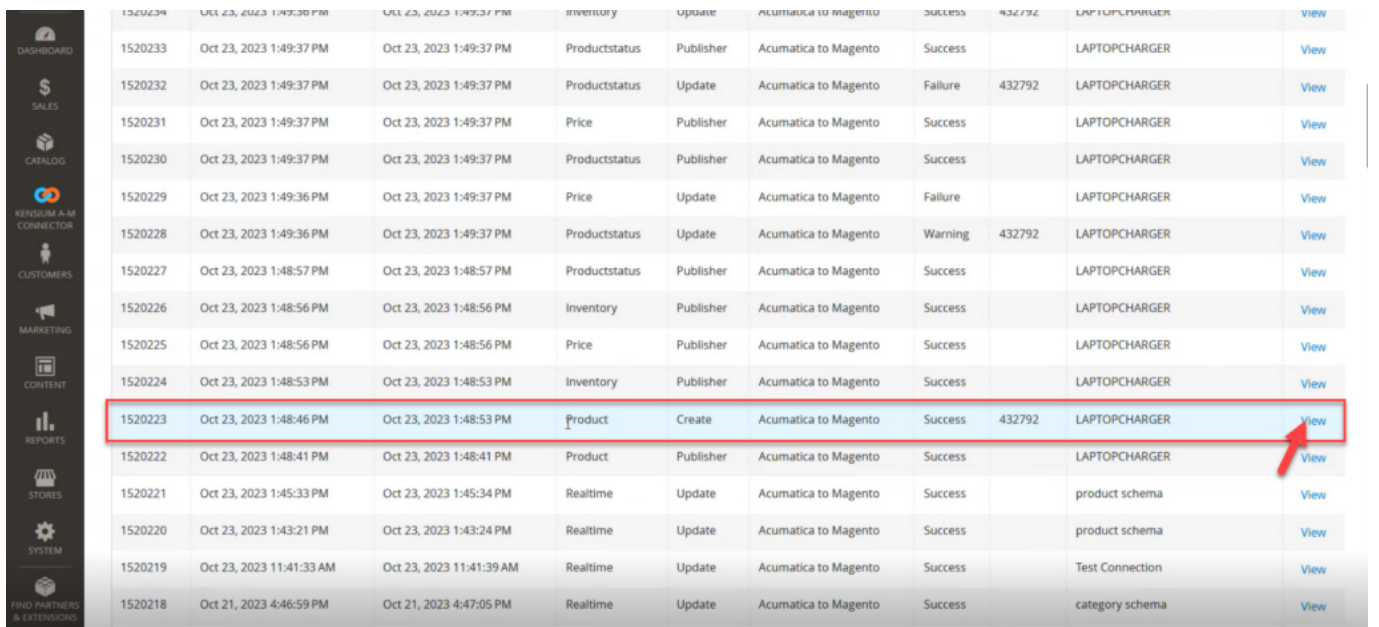


The screenshot shows the Acumatica Connector Logs interface. The top navigation bar includes 'Acumatica', a search bar, and user information 'admin admin'. The left sidebar lists various business categories like 'Time and Expenses', 'Finance', 'Banking', etc. The main area is titled 'Connector Logs' and contains a table of log entries. A red box highlights a specific log entry:

| Level | Action Type         | Message                                                   | Magento En    |
|-------|---------------------|-----------------------------------------------------------|---------------|
| INFO  | Product Status Sync | [{"products":[{"sku":"LAPTOPCHARGER","status":"active"}]} | https://image |

### Acumatica Connector Log Details

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

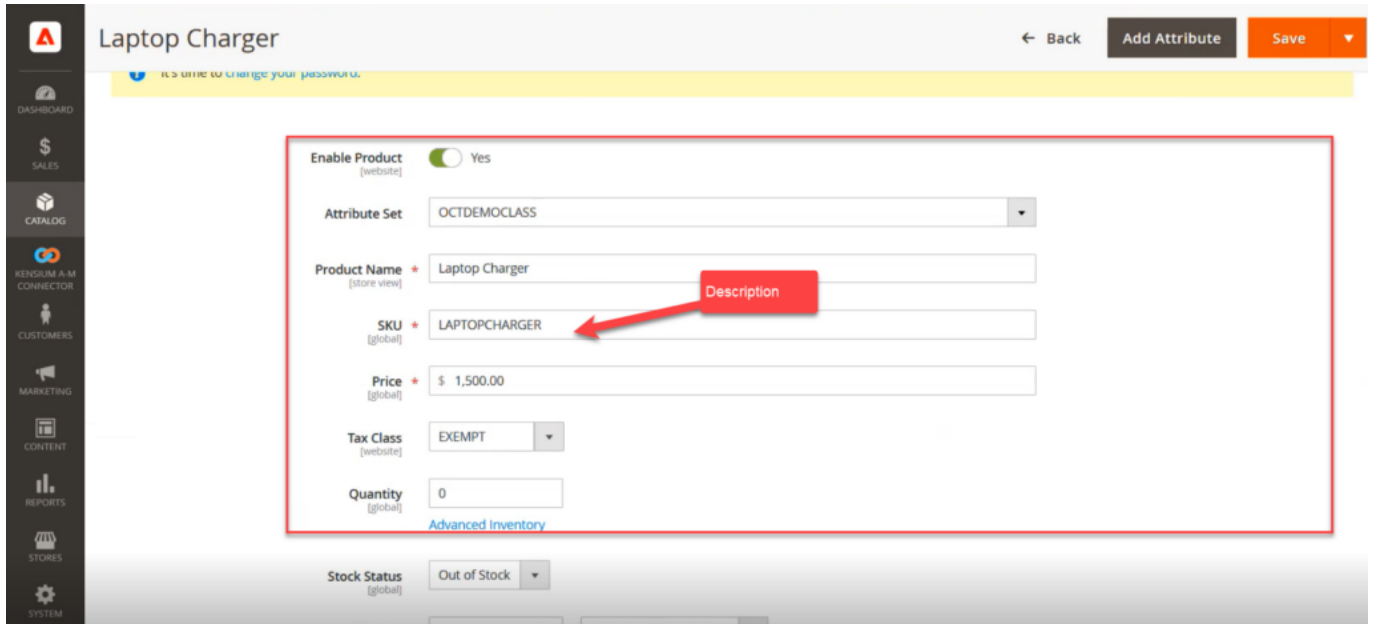


The screenshot shows the Magento connector log interface. The left sidebar contains navigation options like 'DASHBOARD', 'SALES', 'CATALOG', etc. The main area displays a table of log entries. A red box highlights a specific log entry, with a red arrow pointing to the 'View' link:

| ID      | Date         | Time       | Entity  | Action | Direction            | Status  | Quantity | SKU           | View                 |
|---------|--------------|------------|---------|--------|----------------------|---------|----------|---------------|----------------------|
| 1520223 | Oct 23, 2023 | 1:48:46 PM | Product | Create | Acumatica to Magento | Success | 432792   | LAPTOPCHARGER | <a href="#">View</a> |

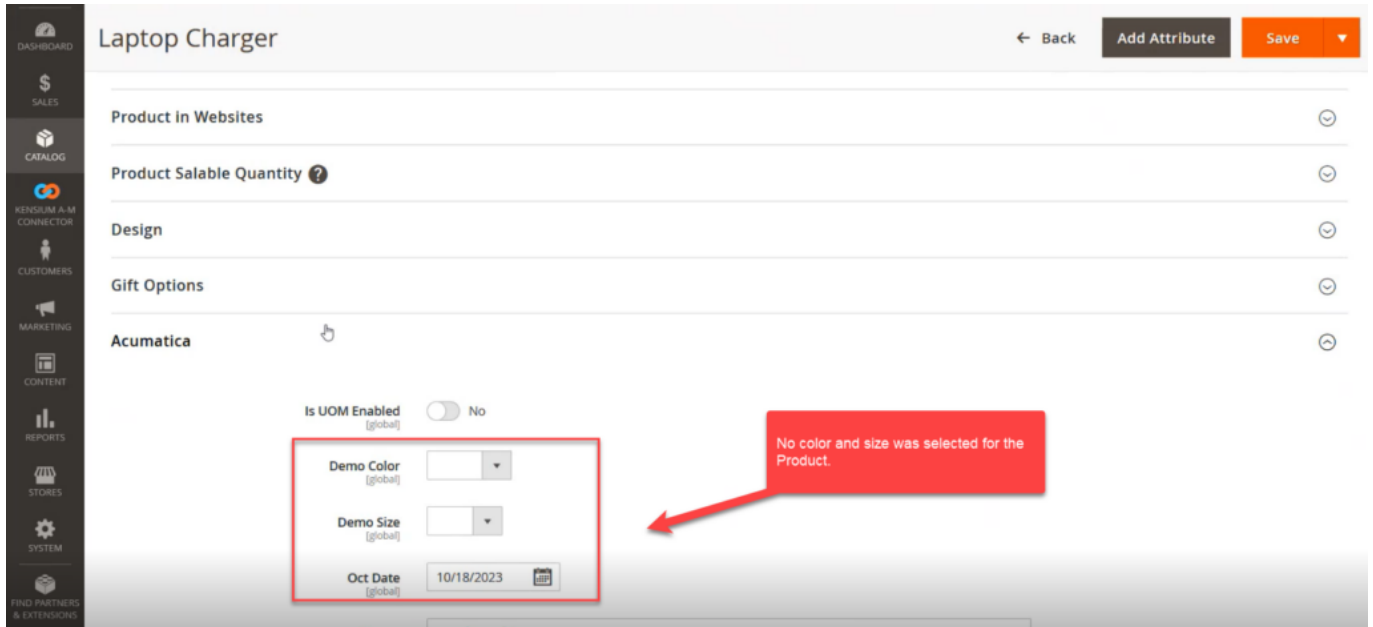
Product Synchronization is a success in the connector log

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



### Product details in Magento

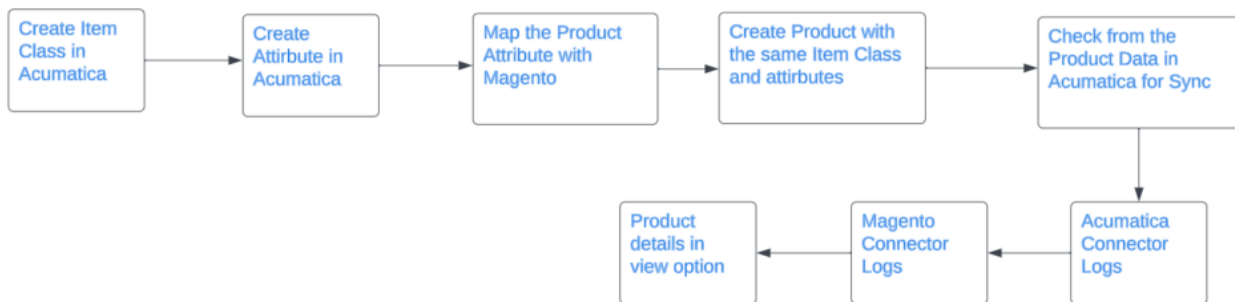
While creating the Product no color or size was selected. So, in Magento, these two product attributes will be displayed as blank. However, the drop-down will show the option that was created in the first place.



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





KENSIUM

Adobe Connector

## Flow of Events for Item Class Sync with Attributes

