SORT BY TRENDING

Automatically sort products displayed on front office by trending grades based on sales, ratings, download or specific priority

A product of ETS-Soft

CONTENTS

I.   INTRODUCTION

Sort By Trending is a PrestaShop sort products module that automatically sorts products displayed on the front office by trending grades based on sales, ratings, download, or specific priority

*"***Sort By Trending***" is compatible with PrestaShop 1.6.x and PrestaShop 1.7.x

II.   INSTALLATION

- Navigate to "**Modules / Modules Manager**" > click on "**Upload a module / Select file**".
- Select the module file "**ph_sortbytrending.zip**" from your computer then click on "**Open**" to install.
- Click on "**Configure**" button of the module you just installed to open the module's configuration page.

III.   CONFIGURATION

1. Configuration page

From your installed module list (located at **"Modules/Module Manager"**), find **"Sort By Trending"** then click on "**Configure**" button to open its configuration page.

You will see the options below which is used to sort products displayed by trending grades based on sales, ratings, download or specific priority on the PrestaShop front office:

2. Working principle

Products will be counted with trending points to display on your online store homepage. The item with high trending points will be prioritized to be displayed first.

The trending scoring mechanism is based on 4 factors: **sale factor, rating factor, download factor, and priority factor**. **Sort By Trending** module allows you to decide the importance of each factor in trending score calculating expressed through weights.

Below is an example to help you understand how trending grades will be calculated:

Example 1: There are 2 products with the following data:

Product name	Sold quantity	Product rating	Downloaded times	Priority point
Mountain Fox – Vector graphics	150	4.0	20	1
Hummingbird printed sweater	100	4.5	25	1

We sort the factors' weight by their importance: sales factor is 4, then rating factor is 3, download factor is 1 and priority factor is 1.
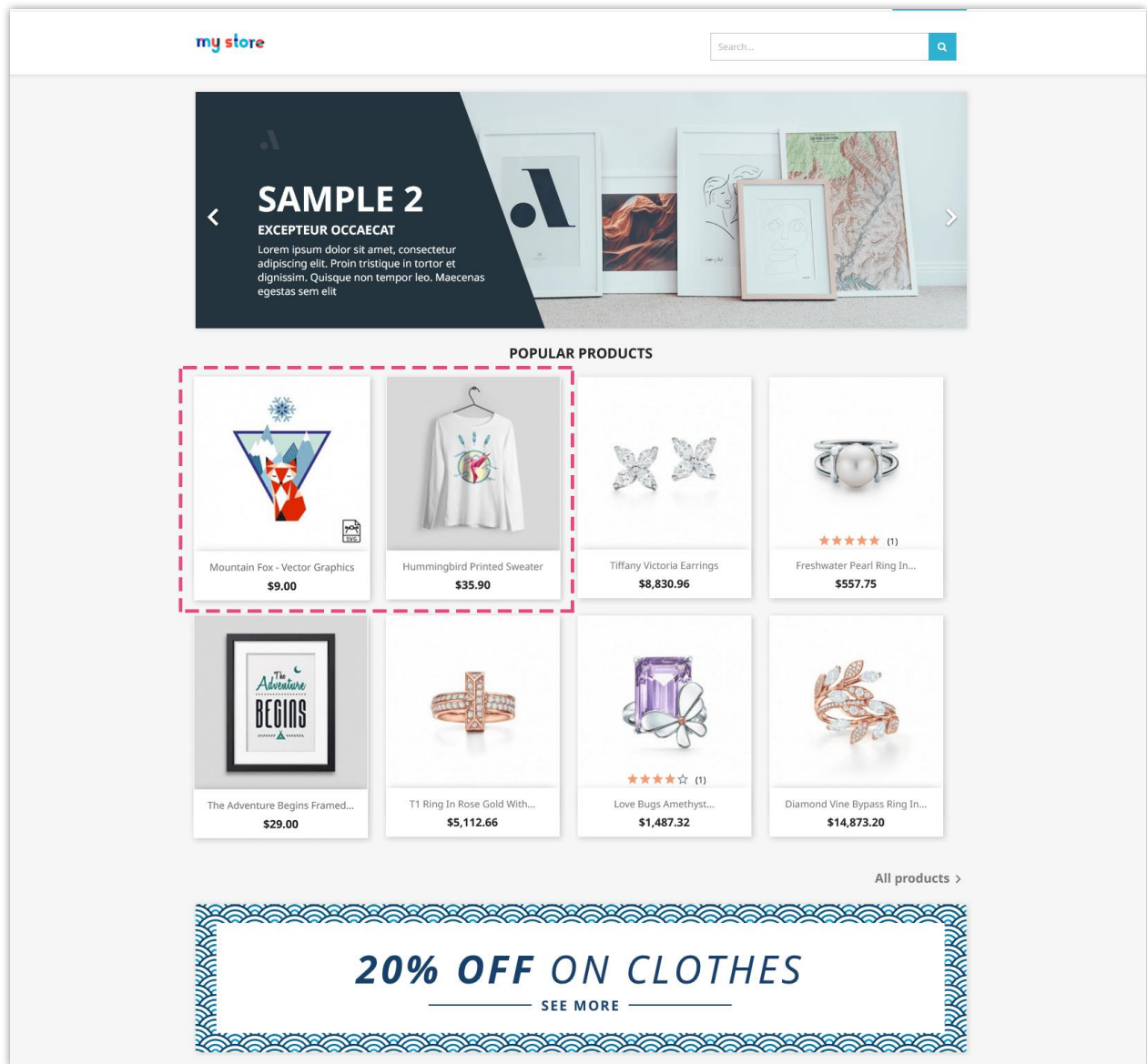

Base on the product's data and those weights were set above, **Sort By Trending** module will calculate the trending score as bellow:
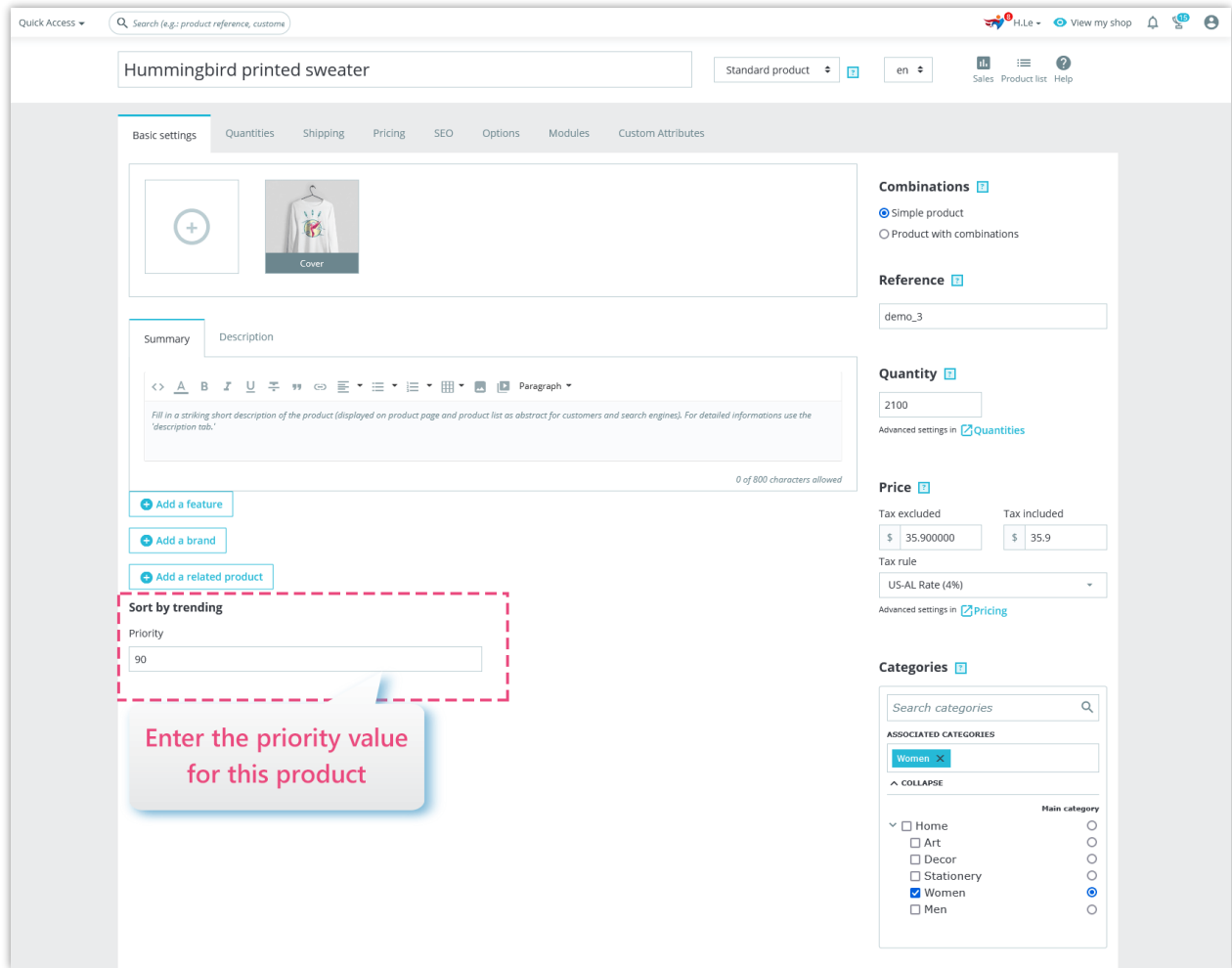
- **Mountain Fox – Vector graphics:** 110*4 + 4*3 + 20*1 + 1 = 473 (points)
- **Hummingbird printed sweater:** 100*4 + 4.5*3 + 25*1 + 1 = 439.5 (points)

From the result above, **Mountain Fox – Vector graphics** with higher trending score will be displayed before **Hummingbird printed sweater** on homepage.

Example 2: After calculating the trending score, **Hummingbird printed sweater** with a lower score is showing after **Mountain Fox – Vector graphics**. However, you want **Hummingbird printed sweater** to be displayed before **Mountain Fox – Vector graphics** on the homepage,
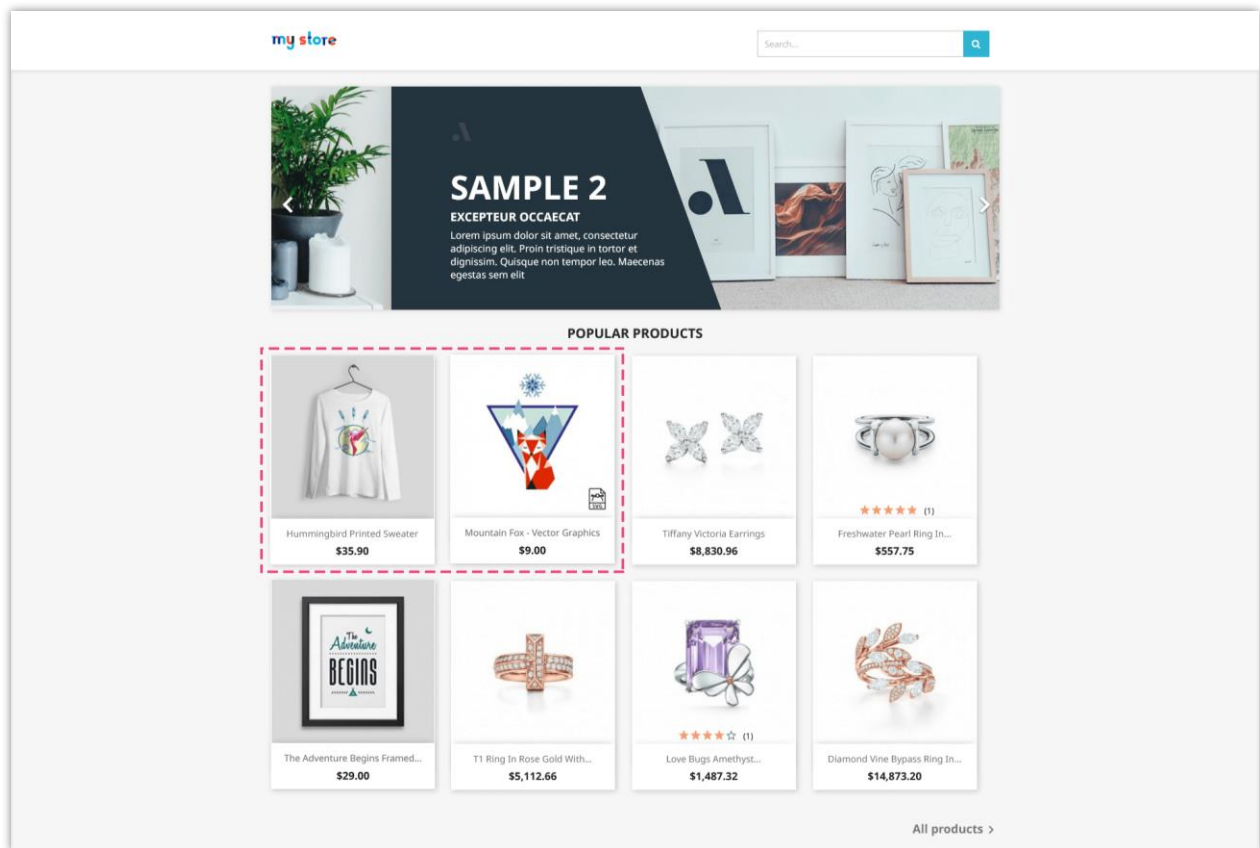
you can go to the product editing page to enter the priority value you want then click on the "**Save**" button.

Look at data after adding priority for **Hummingbird printed sweater**:

Product name	Sold quantity	Product rating	Downloaded times	Priority point
Mountain Fox – Vector graphics	150	4.0	20	1
Hummingbird printed sweater	100	4.5	25	**90**

After adding 90 to the priority, **Mountain Fox – Vector graphics** still got 473 points, **Hummingbird printed sweater** got 528.5 points. Now **Hummingbird printed sweater**'s trending score is higher than **Mountain Fox – Vector graphics**'s, so **Hummingbird printed sweater** will be displayed before **Mountain Fox – Vector graphics** on the homepage. Let's go to the front office to see the change.

Note:

*Rating score only can be calculated if your website is installed with PrestaShop **Product comments** module, or you have installed other modules that allow customers to rate products.*

3. Other settings

- **Trending period:** The period of time that sales, ratings or downloads are considered to calculate sort order.

For example, you set the trending period to 30 days. **Sort By Trending** modules will get data of criteria such as sales, rating, download within 30 days from the date you save the settings and earlier.

- **Cronjob feature**: **Sort By Trending** module provides Cronjob feature that recalculates trending grades automatically.

You only need to copy the Cronjob command and set it up on your server (we suggest that you should set Cronjob frequency to at least once per day).

Sort product display order: In addition, the module also allows you to change the order of product display on the Homepage by dragging and dropping products on the listing page.

- Go to product listing page
- Click on the **"Reorder"** button at **"Position"** column
- Drag and drop to arrange the order of product display
- Finally, click on the **"Save and refresh"** button to save the new order of product display.

IV.   THANK YOU

Thank you again for downloading our product and going through this documentation. We hope this document is helpful and efficient in the installation and usage of **Sort By Trending** module. If you do have any questions for which the answer is not available in this document, please feel free to contact us.