Item Dimension

Module Guide: Item Dimension (Item/Service Dimension)

Module Location

Settings > Inventory > Item Dimension

Module Purpose

The **Item Dimension** module is the final module in the inventory setup series, which serves to **assign or link** the dimension combinations (variants) that have already been created to each master item/service. The purpose is to officially register which variants are available for an item. After a dimension is assigned here, the system can uniquely identify, track stock, and conduct transactions for each variant (SKU).

1. Main View (Item/Service Dimension List)

The main page displays a list of all items/services in the system and provides a summary of the dimensions attached to each one.

View Explanation

- **Search Filter**:
    - **Item/Service Code**: Searches for a specific item by its code.

- **Category**: Filters items by category (e.g., RAW MATERIAL).

- **List Table**:
  - **No.**: Serial number.
  - **Item/Service Code**: The unique code of the item.
  - **Item/Service Name**: The full name of the item.
  - **Detail**: A summary column that displays the dimension attributes attached to the item, in the format `- DIMENSION : [Color], [Size], [Configuration]`.

2. Item/Service Dimension Detail Page

This page can be accessed by clicking on an item from the main list. This page serves as the center for managing all variants belonging to a specific item.

View Explanation

- **Item Information**: Displays details of the item being managed, such as Category Type, Code, Name, and Cost Method.
- **Add Action**:
  - **[+ Add Dimension]**: A link to add a new dimension combination (variant) to the currently active item.
- **Attached Dimension List**:

- This table displays all variants already attached to the item, with detailed columns for **Dimension Name**, **Color**, **Size**, and **Configuration**.

- **Buttons**:
  - **Done**: To return to the main list page.

3. Steps to Manage Item Dimensions

1. From the main page, use the filter to search for and find the item you want to manage.
2. Click on the item's row to go to the **Item/Service Dimension Detail** page.
3. To add a new variant, click the **[+ Add Dimension]** link. This will open a page (not shown, but can be assumed) where you can select one of the **Dimensions** created in the previous module.
4. After saving, the new dimension will appear in the list on the detail page.
5. To delete a variant, check the box next to the unwanted dimension and click the **Delete** button (not shown, but its functionality is common).
6. Click **Done** when you have finished managing the dimensions for that item.

4. Integrated Workflow & Business Process

- **SKU (Stock Keeping Unit) Formation**: The process in this module effectively creates a unique SKU. The SKU is the result of the **Item Code + Dimension**. Example: `CC-20x20` + `VIOLET-1.5M-DEFAULT`.

- **Activation of Variants for Transactions**: Only after an item has a dimension assigned here does the variant become "active" and selectable in other modules like **Sales Order**, **Purchase Order**, and **Stock Opname**.

- **Master Data Control**: This module acts as a control gate to ensure that only approved variants can be transacted, preventing the sale or purchase of variant combinations that do not exist or are not produced.

- **Basis for Inventory Reports**: All stock and goods movement reports will be based on the unique SKU formed from the combination of the item and its dimension.

5. Tips & Important Notes

- This is the **final configuration step** for a product before it can be fully used in the operational cycle.

- Ensure all attribute master data (Color, Size, Configuration, Dimension) is complete before performing settings in this module.

- The role of this module is to **connect, not create**. You do not create new items or dimensions here; you only pair them.

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