Unit Measure Group

Module Guide: Unit Measure Group

Module Location

Settings > Inventory > Unit Measure Group

Module Purpose

The **Unit Measure Group** module functions to group various units of measure available in the system. The goal is to create standard categories for different types of measurements, such as "Length," "Weight," or "Volume," so that relevant units (e.g., meter, centimeter, inch) can be grouped under the same category. This aids in standardizing and managing data across the system.

1. Main View (Unit Measure Group List)

The main page displays all registered unit measure groups and provides search functionality.

View Explanation

- **Search Filter**:
  - **UnitTypeGroupCode/Name**: Allows for a quick search based on the group code or name. You can select the search criteria and enter keywords.
  - **Search**: A button to start the search.

    - **Show all**: A button to reset the filter and display all data again.

- **List Table**: Displays the search results or all existing data with the following columns:
    - **No.**: The entry's serial number.
    - **UnitTypeGroupCode**: A unique code representing the unit measure group.
    - **UnitTypeGroupName**: A descriptive name of the group.
    - **... No data ...**: This message appears if no data is found or if no data has been created yet.
- **Action Buttons**:
    - **New Group**: Opens the form to create a new unit measure group.

2. Add Unit Measure Group Page

This form is used to add a new unit measure group to the master data.

View Explanation

- **UnitTypeGroupCode**: A field to enter the unique code for the new unit measure group.
- **UnitTypeGroupName**: A field to enter the name or description of the group.

- **Buttons**:
  - **Save**: To save the new unit measure group data to the database.

3. Steps to Add a New Unit Measure Group

1. From the main page, click the **New Group** button.
2. On the **Add** page, fill in the **UnitTypeGroupCode** and **UnitTypeGroupName** fields.
3. Ensure the entered data is correct.
4. Click the **Save** button to store the data.

4. Integrated Workflow & Business Process

- **Standardization of Units of Measure**: This module forms the basis for the **Unit of Measure** module, where each unit created (e.g., Kg, Gram) will be associated with the relevant group (e.g., "Weight").
- **Product Management**: Simplifies the management of products that have various types of units, such as products that can be sold per piece (Group: Quantity) and also by weight (Group: Weight).
- **Purchase & Sales Transactions**: Ensures consistency in the use of units of measure across all transactions, from purchase orders to sales deliveries.

- **Unit Conversion**: Forms the basis if the system will implement conversion features between units within the same group (e.g., from kilogram to gram).

5. Tips & Important Notes

- Use clear and universal naming and coding conventions (e.g., `WEIGHT` for Weight, `LENGTH` for Length) to be easily understood by all users.

- Before creating a new group, first, discuss with the relevant team to agree on what categories are needed for the business to avoid overlaps or confusion.

- This module is one of the main pillars of inventory management. Proper management will have a positive impact on the accuracy of stock data and operational efficiency.

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