VV100R.MBR

Path: NXCLOUD/rpgsrc/VV100R.MBR **Generated**: 2026-01-08 12:59:22 **Processing Time**: 13642ms

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Business Logic for Vare Vedlikehold

This document outlines the business rules that govern the maintenance of items (Vare) in the ERP system, based on an analysis of the RPG program VV100R. The primary focus is on the logic surrounding item creation, modification, and deletion, as well as the handling of various user interactions and validations.

The core logic for item maintenance is contained within the xc2bld subroutine in VV100R. This subroutine handles the interaction with the user interface, processes input for item details, and manages the associated database records.

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Order Status and Header Rules

Vare Vedlikehold: vvsopf, vvarlr, vvarl1, vvarl2, vvarl3, vvarl4, vvarl6, vvarl7, vvarl8, vvasl1, fstsl1, anotl1

1. Check for Existing Item

•**Logic:** The program checks if an item already exists in the database before allowing the creation of a new item.

•**File:** vvarlr (Item Lookup)

•**Field:** vvarlr_vare

•**Condition:** The process will not create a new item if the item number already exists.

2. Display Outdated Items

•**Logic:** Items that are outdated are marked with a specific label in the user interface.

•**File:** vvsopf (Item Master)

•**Field:** vvtek1

•**Condition:** If the item's expiration date is less than or equal to the current date, it will display "** UTGÅTT **".

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Configuration and Authorization Rules

1. Authorization for Deletion

•**Logic:** Before an item can be deleted, the program checks if the item is associated with any orders or has stock.

•**Files:**

•vvarlr (Item Lookup)

•vvsopf (Item Master)

•**Fields:**

•b_ordr (Order Status)

•b_lagr (Stock Status)

•**Condition:** The item cannot be deleted if it is found in any orders or if it has stock.

2. Item Status Check

•**Logic:** The program verifies the status of an item before allowing modifications.

•**File:** fstsl1 (Status Register)

•**Field:** w_firm

•**Condition:** The item must have a valid status to proceed with any changes.

Financial and Transactional Rules

1. Update Item Information

•**Logic:** When an item is modified, the program updates the relevant fields in the database.

•**File:** vvarlr (Item Lookup)

•**Fields:**

•b1vare (Item Number)

•b1nobb (NOBB Number)

•**Condition:** The update occurs only if the item exists and is valid.

2. Handle Item Creation

•**Logic:** The program allows the creation of a new item and initializes necessary fields.

•**File:** vvarlr (Item Lookup)

•**Condition:** The creation process is initiated when the user confirms the action through the interface.

Special Conditions (Program-Specific)

1. Scanning Functionality (VV100R)

•**Logic:** The program allows for scanning of item barcodes for quick lookup.

•**File:** vvarlr (Item Lookup)

•**Field:** w_eann (EAN Number)

•**Condition:** The scanning process is triggered when the user inputs a barcode.

2. Display NOBB Information (VV100R)

•**Logic:** The program retrieves and displays NOBB information for the selected item.

•**File:** vvarlr (Item Lookup)

•**Fields:** w_jvqvnr (Logistics Number)

•**Condition:** This information is displayed when the user requests it through the interface.

Subprogram Calls Affecting Logic

Beyond direct file checks, several external subprograms are called that play a significant role in the workflow.

1. VV101R (Item Creation/Modification Program)

•**Trigger:** Called when creating or modifying an item.

•**Logic:** This program handles the actual database operations for item creation and updates.

•**Impact:** This call acts as a **major logical gateway** for item management.

2. VV490R (Deletion Check Program)

•**Trigger:** Called before an item is deleted to check if it can be removed.

•**Logic:** This program checks for any existing orders or stock associated with the item.

•**Impact:** This ensures that items cannot be deleted if they are in use, maintaining data integrity.

3. VL720R (Expiration Date Check Program)

•**Trigger:** Called to retrieve the expiration date of an item.

•**Logic:** This program checks the expiration status of the item and updates the display accordingly.

•**Impact:** This represents the handoff to the next major business function, ensuring that outdated items are flagged appropriately.