VV100R.MBR

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Business Logic for Vare Vedlikehold

This document outlines the business rules that govern the maintenance of goods (varer) within the ASOFAK ERP system, based on an analysis of the RPG program VV100R. The primary focus is on the logic for creating, updating, and deleting goods records.

The core logic for maintaining goods is contained within the xc2bld subroutine in VV100R. This subroutine interacts with various files and subfiles to manage goods data, including checks for existing records and validation of input data.

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Order Status and Header Rules

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

1. Check for Existing Orders

•**Logic:** The program checks if a good is associated with any existing orders before allowing deletion.

•**File:** vvsopf (Goods Order File)

•**Field:** b_ordr

•**Condition:** "The process will not allow deletion of a record if b_ordr is set to *ON*."

2. Check for Stock Availability

•**Logic:** If the good has stock, the user must confirm the deletion.

•**File:** vvsopf (Goods Order File)

•**Field:** b_lagr

•**Condition:** "The process will prompt for confirmation if b_lagr is set to *ON*."

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Configuration and Authorization Rules

1. Validation of Group Fields

•**Logic:** The program validates the group fields before processing.

•**Files:**

•vvarl6 (Overgroup)

•vvarl7 (Main Group)

•**Fields:**

•b2ogrp (Overgroup)

•b2hgrp (Main Group)

•**Condition:** "The process will raise an error if b2ogrp is 0 and b2hgrp is not, or vice versa."

2. EAN Number Validation

•**Logic:** The program checks if the EAN number is provided and validates it against existing records.

•**File:** vvarlr (Goods Record)

•**Field:** w_eann

•**Condition:** "The process will not proceed if w_eann is blank."

Financial and Transactional Rules

1. Price Code and Type Display

•**Logic:** The program displays the price code and type for goods.

•**File:** vvarlr (Goods Record)

•**Fields:**

•vvkpri (Price Code)

•vvtyp (Goods Type)

•**Condition:** "The display is updated with the price code and type when a good is processed."

2. Handling Expired Goods

•**Logic:** The program marks goods as expired if their expiration date has passed.

•**File:** vvarlr (Goods Record)

•**Condition:** "The process will append '** UTGÅTT **' to the goods description if the expiration date is less than or equal to the current date."

Special Conditions (Program-Specific)

1. Deletion Confirmation (VV100R)

•**Logic:** The program checks if a good can be deleted and prompts for confirmation if necessary.

•**File:** vvarlr (Goods Record)

•**Field:** d1vare

•**Condition:** "The deletion process is contingent upon checks against orders and stock availability."

2. Maintenance of Language Texts (VV100R)

•**Logic:** The program allows for the maintenance of language texts associated with goods.

•**File:** anotl1 (Notes File)

•**Fields:** anotl1_syst, anotl1_noid

•**Condition:** "The process will update language texts if the good exists in the notes file."

Subprogram Calls Affecting Logic

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

1. VV101R (Goods Creation/Modification Program)

•**Trigger:** Called during the creation and modification of goods.

•**Logic:** This program handles the actual creation and updating of goods records.

•**Impact:** "This call acts as a **major logical gateway** for creating and modifying goods."

2. VV490R (Deletion Check Program)

•**Trigger:** Called to check if a good can be deleted.

•**Logic:** This program checks for existing orders and stock before allowing deletion.

•**Impact:** "This is a **critical validation step** in the deletion process."

3. VL720R (Expiration Date Check Program)

•**Trigger:** Called to check the expiration date of goods.

•**Logic:** This program retrieves and validates the expiration date for goods.

•**Impact:** "This represents the **validation of goods status** in the inventory."

This documentation provides a comprehensive overview of the business logic implemented in the VV100R program, detailing the rules and conditions that govern the maintenance of goods within the system.