BO312R.MBR

Path: NXCLOUD/rpgsrc/BO312R.MBR **Generated**: 2026-01-08 12:16:27 **Processing Time**: 12756ms

Business Logic for Kasseoppgjør

This document outlines the business rules that govern the Kasseoppgjør (Cash Settlement) process, based on an analysis of the RPG program BO312R. The primary focus is on the handling of cash register settings and maintenance.

The core logic for managing cash register settings is contained within the init subroutine in BO312R. The program processes records related to cash registers, allowing users to create, update, delete, and display cash register settings through a subfile interface.

Order Status and Header Rules

Kasseoppgjør: BOT2I1, BO312D

1. Record Handling

- **Logic:** The program reads records from the cash register settings file (BOT2I1) and processes them based on user inputs and function keys.
- **File:** BOT2I1 (Cash Register Settings)
- **Field:** B2KASS
- **Condition:** The program will not process a record if the cash register field (B2KASS) is blank.

2. Subfile Display

- **Logic:** The subfile is populated with records from the cash register settings based on the current firm.
- **File:** BO312D (Subfile Control)
- **Field:** B1SFL
- **Condition:** The subfile will be cleared and repopulated when the user navigates through the records.

Configuration and Authorization Rules

1. User Authorization

- **Logic:** The program checks user permissions based on the user ID stored in the local data area.
- **Files:**
- BOT2I1 (Cash Register Settings)
- BOT2IR (Cash Register Settings Read)
- **Fields:**
- L_USER (User ID from Local Data Area)
- B2FIRM (Firm Identifier)
- **Condition:** The program will only allow updates if the user has the appropriate permissions associated with the firm.

2. Field Protection

- **Logic:** Certain fields are protected from editing based on the current operation mode.
- **File:** BO312D (Subfile Control)

•**Field:** C1KASS
•**Condition:** Fields are protected when displaying records to prevent unauthorized changes.

Financial and Transactional Rules

1. Record Creation
•**Logic:** When creating a new cash register entry, the program checks if the entry already exists to prevent duplicates.
•**File:** BOT2IR (Cash Register Settings Read)
•**Fields:**
•C1KASS (Cash Register ID)
•B2KASS (Cash Register ID)
•**Condition:** If a record with the same cash register ID already exists, a message is displayed, and the creation process is halted.
2. Record Deletion
•**Logic:** The program allows users to delete cash register entries, ensuring that the correct record is targeted.
•**File:** BOT2IU (Cash Register Settings Update)
•**Condition:** The deletion is confirmed through a prompt, and the record is removed from the database.

Special Conditions (Program-Specific)

1. Subfile Management (BO312R)
•**Logic:** The program manages subfile operations, including creation, clearing, and updating of records displayed to the user.
•**File:** BO312D (Subfile Control)
•**Field:** B1SFL
•**Condition:** The subfile is refreshed when navigating between records or after any update operation. Note: The subfile management is crucial for user interaction.
2. Error Handling (BO312R)
•**Logic:** The program includes error handling for user inputs and system operations, displaying appropriate messages when errors occur.
•**File:** BO312D (Subfile Control)
•**Fields:** C1MSG (Message Display)
•**Condition:** Error messages are triggered based on validation checks for user inputs, ensuring data integrity.

Subprogram Calls Affecting Logic

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

1. XC1BLD (New Row Handling)
•**Trigger:** Called when a new cash register entry is being created or modified.
•**Logic:** This subroutine handles the display and validation of new entries.

•**Impact:** Ensures that the user is prompted for necessary information and validates input before processing.

2. XK1WIN (Copying Window)

•**Trigger:** Called when the user selects to copy an existing cash register entry.

•**Logic:** This subroutine manages the copying of details from one entry to another.

•**Impact:** Facilitates the duplication of records while ensuring that the user confirms the action.

3. XD1WIN (Deletion Window)

•**Trigger:** Called when the user selects to delete a cash register entry.

•**Logic:** This subroutine displays a confirmation window before deletion.

•**Impact:** Acts as a safeguard against accidental deletions, ensuring user confirmation before proceeding.