BO312R.MBR

Path: NXCLOUD/rpgsrc/BO312R.MBR **Generated**: 2026-01-08 12:06:08 **Processing Time**: 10599ms

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Business Logic for Kasseoppgjør

This document outlines the business rules that govern the cash settlement process, based on an analysis of the RPG program BO312R. The primary focus is on how the program handles settings and maintenance for cash registers.

The core logic for cash register management is contained within the subfile subroutine in BO312R. The program processes records related to cash registers, allowing for the creation, updating, and deletion of cash register settings.

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Order Status and Header Rules

Kasseoppgjør: bot2i1, bot2ir, bot2iu

1. Record Initialization

•**Logic:** Initializes the cash register records for processing.

•**File:** bot2i1 (Cash Register Input)

•**Field:** bot2i1_kass

•**Condition:** The program will not process records if bot2i1_kass is blank.

2. Subfile Display

•**Logic:** Displays the subfile containing cash register records.

•**File:** b1sfl (Subfile for Cash Registers)

•**Field:** b1kass

•**Condition:** The subfile will not display if there are no records to show.

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Configuration and Authorization Rules

1. User and Firm Initialization

•**Logic:** Initializes user and firm information for processing.

•**Files:**

•bot2ir (Cash Register Settings)

•bot2iu (Cash Register Update)

•**Fields:**

•l_user (User ID from Local Data Area)

•l_firm (Firm ID from Local Data Area)

•**Condition:** The program will set the firm ID based on the local data area when initializing.

2. Record Positioning

•**Logic:** Positions the database for the selected cash register.

•**File:** bot2i1 (Cash Register Input)

•**Field:** bot2i1_kass

•**Condition:** The program will not position if b3kass is blank.

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Financial and Transactional Rules

1. Record Creation and Update

•**Logic:** Creates or updates cash register records based on user input.

•**File:** bot2iu (Cash Register Update)

•**Fields:**

•b2bsty (Cash Register Type)

•b2gsty (Cash Register Group)

•**Condition:** The program will update the record if it finds an existing entry; otherwise, it will create a new one.

2. Record Deletion

•**Logic:** Deletes a cash register record based on user confirmation.

•**File:** bot2iu (Cash Register Update)

•**Condition:** The program will delete the record if the user confirms the deletion.

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Special Conditions (Program-Specific)

1. Subfile Management (BO312R)

•**Logic:** Manages the subfile for displaying cash register records.

•**File:** b1sfl (Subfile for Cash Registers)

•**Field:** b1kass

•**Condition:** The subfile will be cleared and repopulated based on the current records. Note: This logic is essential for maintaining an accurate display of records.

2. Error Handling (BO312R)

•**Logic:** Displays error messages for invalid operations.

•**File:** c1msg (Message Display)

•**Fields:** c1kass (Cash Register Key)

•**Condition:** The program will show an error if the user attempts to create a record that already exists.

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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 creating a new cash register entry.

•**Logic:** Validates input and initializes the new record.

•**Impact:** This call ensures that the new record is correctly set up before being written to the database.

2. xc2bld (Update/Display Handling)

•**Trigger:** Called when updating or displaying a cash register entry.

•**Logic:** Retrieves existing record data for editing.

•**Impact:** This is a critical step for ensuring that users can modify existing records accurately.

3. xd1win (Delete Window Handling)

•**Trigger:** Called when the user confirms a deletion.

•**Logic:** Displays a confirmation window for deletion.
•**Impact:** Represents the final step in the deletion process, ensuring that records are only removed after user confirmation.