BO312R.MBR

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Business Logic for Kasseoppgjør (Cash Settlement)

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 manages cash register settings and maintenance through subfile processing.

The core logic for cash settlement is contained within the *inzsr subroutine in BO312R. The program initializes parameters, manages user input, and processes records related to cash register settings.

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Order Status and Header Rules

Kasseoppgjør: BOT2I1, BO312D

1. Record Initialization

•**Logic:** Initializes the program by setting up keys for cash register records and settings.

•**File:** BOT2I1 (Cash Register Records)

•**Field:** BOT2I1_KASS

•**Condition:** The program initializes the cash register key when the program starts.

2. Display Subfile

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

•**File:** BO312D (Display File)

•**Field:** B3CMD

•**Condition:** The subfile will be displayed only if there are records to show.

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Configuration and Authorization Rules

1. Subfile Management

•**Logic:** Handles the creation and updating of the subfile based on user actions.

•**Files:**

•BOT2I1 (Cash Register Records)

•BOT2IR (Cash Register Settings)

•**Fields:**

•BOT2I1_KASS (from BOT2I1)

•BOT2IR_KASS (from BOT2IR)

•**Condition:** The subfile is populated with records only if the firm matches the current user's firm.

2. Record Deletion

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

•**File:** BOT2IU (Cash Register Update)

•**Field:** BOT2IU_KASS

•**Condition:** The record will be deleted if the user confirms the deletion action.

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Financial and Transactional Rules

1. Record Update

•**Logic:** Updates an existing cash register record with new values.

•**File:** BOT2IU (Cash Register Update)

•**Fields:**

•B2BSTY (Cash Register Type)

•B2GSTY (Cash Register Group)

•**Condition:** The record is updated if it exists; otherwise, a new record is created.

2. Record Copying

•**Logic:** Copies a cash register record to create a new entry.

•**File:** BOT2IU (Cash Register Update)

•**Condition:** The copying process is initiated when the user selects the copy option.

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Special Conditions (Program-Specific)

1. Error Handling (BO312R)

•**Logic:** Displays an error message if a duplicate cash register entry is attempted.

•**File:** BOT2IR (Cash Register Settings)

•**Field:** BOT2IR_KASS

•**Condition:** If a record with the same key exists, an error message is shown to the user. Note: This check is essential for maintaining data integrity.

2. User Input Validation (BO312R)

•**Logic:** Validates user input for creating or updating cash register records.

•**File:** BOT2IR (Cash Register Settings)

•**Fields:** C1KASS (Cash Register Key), C2BSTY (Cash Register Type)

•**Condition:** Validation checks ensure that required fields are not blank and that the input meets specific criteria.

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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 (Subroutine for New Record Handling)

•**Trigger:** Called when the user selects to create a new cash register record.

•**Logic:** Displays a screen for inputting new cash register details.

•**Impact:** This call facilitates the creation of new records and ensures that user input is validated.

2. xc2bld (Subroutine for Update/View Handling)

•**Trigger:** Called when the user selects to update or view an existing cash register record.

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

•**Impact:** This is a crucial step for maintaining accurate cash register records.

3. xd1win (Subroutine for Deletion Confirmation)

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

•**Logic:** Displays a confirmation window for deletion.

•**Impact:** This ensures that deletions are intentional, preventing accidental loss of data.