

BO312R.MBR

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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 through a subfile interface.

The core logic for managing cash register settings is contained within the initiering av program subroutine in BO312R. The program interacts with multiple files to read, update, and display cash register settings, utilizing subfile processing for efficient user interaction.

Order Status and Header Rules

Kasseoppgjør: BOT2I1, BO312D

1. Subfile Initialization

- **Logic:** Initializes the subfile for displaying cash register settings by reading from the BOT2I1 and BO312D files.
- **File:** BOT2I1 (Cash Register Settings)
- **Field:** bot2i1_kass
- **Condition:** The subfile is populated when the program starts and when the user navigates through the settings.

2. Record Positioning

- **Logic:** Positions the records in the subfile based on user input or default settings.
- **File:** BOT2I1 (Cash Register Settings)
- **Field:** b3kass
- **Condition:** The positioning occurs if b3kass is not blank, ensuring the correct record is displayed.

Configuration and Authorization Rules

1. Subfile Refresh

- **Logic:** Refreshes the subfile contents when the user requests a new view or after updates.
- **Files:**
 - BOT2I1 (Cash Register Settings)
 - BO312D (Workstation Display)
- **Fields:**
 - bot2i1_kass (from BOT2I1)
 - b3kass (from BO312D)
- **Condition:** The refresh is triggered by function keys or specific user actions.

2. Error Handling

- **Logic:** Displays error messages when invalid input is detected during cash register updates.
- **File:** BO312D (Workstation Display)
- **Field:** c1kass
- **Condition:** An error is indicated if c1kass is blank or does not meet validation criteria.

Financial and Transactional Rules

1. Record Update

•**Logic:** Updates the cash register settings in the database when the user confirms changes.

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

•**Fields:**

•bot2iu_kass (Cash Register Key)

•b2bsty, b2gsty, b2grup, b2fsok (Various settings)

•**Condition:** The update occurs if the record is found and the user has made valid changes.

2. Record Deletion

•**Logic:** Deletes a cash register setting when the user confirms deletion.

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

•**Condition:** The deletion is executed if the user selects the delete option and confirms the action.

Special Conditions (Program-Specific)

1. Subfile Control (BO312R)

•**Logic:** Manages the display and interaction of the subfile, including navigation and record updates.

•**File:** BO312D (Workstation Display)

•**Field:** b3cmd

•**Condition:** The control logic is executed based on user function key inputs.

2. Display Message Handling (BO312R)

•**Logic:** Displays messages to the user when attempting to create or update a record that already exists.

•**File:** BO312D (Workstation Display)

•**Fields:** c1kass, b2kass

•**Condition:** A message is shown if the record already exists in the database.

Subprogram Calls Affecting Logic

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

1. xc1bld (Display Input for New Record)

•**Trigger:** Called when the user initiates the creation of a new cash register setting.

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

•**Impact:** This call facilitates the entry of new records into the system.

2. xc2bld (Display Input for Update)

•**Trigger:** Called when the user selects a cash register setting to modify.

•**Logic:** Displays the current details of the selected cash register for editing.

•**Impact:** This is crucial for ensuring that users can update existing records accurately.

3. xd1win (Delete Confirmation Window)

•**Trigger:** Invoked when the user opts to delete a cash register setting.

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

•Impact: This step prevents accidental deletions by requiring user confirmation.

This documentation provides a comprehensive overview of the business logic governing the Kasseoppgjør process within the BO312R RPG program, detailing the rules and conditions that dictate how cash register settings are managed.