BO312R.MBR

Path: NXCLOUD/rpgsrc/BO312R.MBR **Generated**: 2026-01-08 12:22:49 **Processing Time**: 11063ms

–

Business Logic for Kasseoppgjør (Cash Settlement)

This document outlines the business rules that govern the Kasseoppgjør process, based on an analysis of the RPG program BO312R. The primary focus is on how cash settlement settings are maintained and displayed within the system.

The core logic for handling cash settlement is contained within the *inzsr subroutine in BO312R. This subroutine initializes the program, sets up keys for database access, and populates the subfile with relevant records.

–

Order Status and Header Rules

Kasseoppgjør: bot2i1, bot2ir, bot2iu

1. Record Initialization

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

•**File:** bot2i1 (Cash Records)

•**Field:** bot2i1_kass

•**Condition:** The program will not proceed if the cash record key is not set.

2. Subfile Display

•**Logic:** Displays the contents of the subfile based on the current record number and other parameters.

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

•**Field:** w_srrn

•**Condition:** The subfile will be cleared and repopulated if the record number is not zero.

–

Configuration and Authorization Rules

1. User Initialization

•**Logic:** Retrieves user and firm information from the local data area for processing.

•**Files:**

•bot2ir (Cash Settings)

•bot2iu (Cash Update Records)

•**Fields:**

•l_user (User ID)

•l_firm (Firm ID)

•**Condition:** The process will only initialize if the user and firm information is available.

2. Function Key Handling

•**Logic:** Processes function keys for various operations such as create, update, delete, and view.

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

•**Field:** b1valg

•**Condition:** The program will execute specific subroutines based on the function key pressed.

Financial and Transactional Rules

1. Record Update

•**Logic:** Updates existing cash records or creates new ones based on user input.

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

•**Fields:**

•b2bsty (Cash Type)

•b2gsty (Cash Group)

•**Condition:** An update will occur if the record is found; otherwise, a new record will be created.

2. Record Deletion

•**Logic:** Deletes a specified cash record from the database.

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

•**Condition:** The record will be deleted if the delete confirmation is received.

Special Conditions (Program-Specific)

1. Duplicate Record Check (BO312R)

•**Logic:** Checks for existing records before creating a new one to avoid duplicates.

•**File:** bot2ir (Cash Settings)

•**Field:** bot2ir_kass

•**Condition:** If a record with the same key exists, an informational message is displayed.

2. Error Handling (BO312R)

•**Logic:** Displays error messages based on validation failures during data entry.

•**File:** c1msg (Message Display)

•**Fields:** c1kass (Cash Key)

•**Condition:** Errors will trigger specific messages to guide the user.

Subprogram Calls Affecting Logic

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

1. dsp_subfile (Display Subfile)

•**Trigger:** Called to display the contents of the subfile after processing records.

•**Logic:** This subroutine handles the display logic for the subfile based on the current record state.

•**Impact:** This call acts as a **major logical gateway** for user interaction with cash records.

2. clr_subfile (Clear Subfile)

•**Trigger:** Invoked when the subfile needs to be emptied before repopulation.

•**Logic:** Clears the subfile and resets the counters for displaying records.

•**Impact:** This is a **destructive filtering step** that ensures only relevant records are shown.

3. crt_subfile (Create Subfile)

•**Trigger:** Called to fill the subfile with records from the database.

•**Logic:** Reads records from the cash records file and populates the subfile.

•**Impact:** This represents the handoff to the next major business function, ensuring users see the latest data.