BO312R.MBR

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Business Logic for Kasseoppgjør (Cash Settlement)

This document outlines the business rules that govern the Kasseoppgjør process, which involves settings and maintenance for cash settlement operations, based on an analysis of the RPG program BO312R. The primary focus is on how records are processed within the subfile structure and the handling of various user interactions.

The core logic for Kasseoppgjør is contained within the init subroutine in BO312R. This program manages the display and manipulation of cash register settings, allowing for the creation, updating, and deletion of records.

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Order Status and Header Rules

Kasseoppgjør: bot2i1, bot2ir, bot2iu

1. Record Initialization

•**Logic:** Initializes the program by setting up keys for accessing cash register records and loading initial data into the subfile.

•**File:** bot2i1 (Cash register records)

•**Field:** bot2i1_kass

•**Condition:** The program will not proceed if the cash register key is blank.

2. Subfile Display

•**Logic:** Displays the contents of the subfile based on the current position and user input.

•**File:** b1sfl (Subfile for cash register settings)

•**Field:** w_srrn

•**Condition:** The display will not update if there are no records to show (w_srrn is 0).

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Configuration and Authorization Rules

1. User Authorization Check

•**Logic:** Validates user permissions before allowing changes to cash register settings.

•**Files:**

•bot2ir (Cash register settings)

•bot2iu (Cash register updates)

•**Fields:**

•l_user (Current user)

•w_firm (Current firm)

•**Condition:** The user must have appropriate permissions to modify records.

2. Record Existence Check

•**Logic:** Checks if a record already exists before allowing the creation of a new cash register entry.

•**File:** bot2ir (Cash register settings)

•**Field:** bot2ir_kass

•**Condition:** The process will prompt an error if the cash register key already exists.

Financial and Transactional Rules

1. Record Update Logic

•**Logic:** Updates existing cash register records with new values if they are found.

•**File:** bot2iu (Cash register updates)

•**Fields:**

•b2bsty (Cash register type)

•b2gsty (Cash register group)

•**Condition:** The update will only occur if the record is found in the database.

2. Record Deletion Logic

•**Logic:** Deletes a cash register record if the user confirms the action.

•**File:** bot2iu (Cash register updates)

•**Condition:** The deletion will proceed only after user confirmation through the deletion window.

Special Conditions (Program-Specific)

1. Error Handling (BO312R)

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

•**File:** c1msg (Message display)

•**Field:** b_anul

•**Condition:** The error message will be shown if the user attempts to create a duplicate record.
 Note: This check is crucial for maintaining data integrity.

2. Subfile Management (BO312R)

•**Logic:** Manages the loading and clearing of the subfile based on user actions.

•**File:** b1sfl (Subfile for cash register settings)

•**Fields:** w_srrn (Relative record number), w_spge (Page size)

•**Condition:** The subfile will be cleared and reloaded whenever the user navigates back or
 performs a refresh action.

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 during the initialization and after user actions that modify the subfile.

•**Logic:** This subroutine handles the display logic for the subfile, ensuring that the correct records
 are shown based on the current state.

•**Impact:** This call acts as a **major logical gateway**, determining what records are visible to the
 user.

2. clr_subfile (Clear Subfile)

•**Trigger:** Called when the subfile needs to be emptied before loading new data.

•**Logic:** Clears the current contents of the subfile and resets the counters.

•**Impact:** This is a **destructive filtering step**, ensuring that only relevant records are displayed.

3. crt_subfile (Create Subfile)

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

•**Logic:** Reads records from the bot2i1 file and populates the subfile for display.

•**Impact:** This represents the handoff to the next major business function, allowing users to interact with the cash register settings effectively.