BO312R.MBR

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Business Logic for Kasseoppgjør Maintenance

This document outlines the business rules that govern the Kasseoppgjør (Cash Settlement) maintenance process, based on an analysis of the RPG program BO312R. The primary focus is on how the program manages subfile operations, user interactions, and data validations.

The core logic for Kasseoppgjør maintenance is contained within the *inzsr subroutine in BO312R . The program processes user input to manage cash register settings, including creating, updating, and deleting records in a subfile.

Order Status and Header Rules

Kasseoppgjør: bot2i1, bot2ir, bot2iu

1. Record Creation

•**Logic:** A new cash register record is created if the user inputs a valid key and the record does not already exist.

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

•**Field:** bot2i1_kass

•**Condition:** The process will not create a record if bot2i1_kass is blank or if a record with the same key already exists.

2. Record Deletion

•**Logic:** A cash register record can be deleted if the user confirms the action.

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

•**Field:** bot2iu_kass

•**Condition:** The process will delete the record if the user selects the delete option and the record is found.

Configuration and Authorization Rules

1. User Authorization

•**Logic:** The program checks if the user has the necessary permissions to perform actions on cash register records.

•**Files:**

•bot2ir (Cash Register Read File)

•bot2iu (Cash Register Update File)

•**Fields:**

•bot2ir_kass (from bot2ir)

•bot2iu_kass (from bot2iu)

•**Condition:** The process will not allow updates or deletions if the user does not have the correct permissions.

2. Input Validation

•**Logic:** The program validates user inputs to ensure that required fields are filled correctly before processing.

•**File:** bot2ir (Cash Register Read File)
•**Field:** c1kass
•**Condition:** The process will prompt an error if c1kass is blank or invalid.

Financial and Transactional Rules

1. Record Update
•**Logic:** Updates to existing cash register records are processed based on user input.
•**File:** bot2iu (Cash Register Update File)
•**Fields:**
•b2bsty (Cash Register Type)
•b2gsty (Cash Register Style)
•**Condition:** The process will update the record if the user provides valid data and the record exists.

2. Subfile Management
•**Logic:** The program manages the display of records in a subfile, allowing users to navigate through records.
•**File:** bot2i1 (Cash Register Input File)
•**Condition:** The process will display records based on the current page and user navigation actions.

Special Conditions (Program-Specific)

1. Error Handling (BO312R)
•**Logic:** The program handles errors by displaying messages to the user when an invalid operation is attempted.
•**File:** bot2ir (Cash Register Read File)
•**Field:** c1kass
•**Condition:** If the user attempts to create a record that already exists, an error message is displayed.

2. Subfile Initialization (BO312R)
•**Logic:** The program initializes the subfile with the current cash register settings upon startup.
•**File:** bot2i1 (Cash Register Input File)
•**Fields:** bot2i1_kass, w_firm
•**Condition:** The subfile is populated with records that match the current firm context.

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 processing of user input to display the current state of the subfile.
•**Logic:** This subroutine manages the display of records in the subfile based on user navigation.
•**Impact:** This call acts as a **major logical gateway** for user interactions with the cash register records.

2. clr_subfile (Clear Subfile)

- **Trigger:** Called when the subfile needs to be cleared before repopulating it with new data.
- **Logic:** This subroutine resets the subfile's state and prepares it for new data entries.
- **Impact:** This is a **destructive filtering step** that ensures old data does not interfere with new entries.

3. crt_subfile (Create Subfile)

- **Trigger:** Called to populate the subfile with records from the cash register input file.
- **Logic:** This subroutine reads records from bot2i1 and fills the subfile for display.
- **Impact:** Represents the handoff to the next major business function, allowing users to view and interact with cash register records.