GL104R.MBR

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Business Logic for GL104R - Maintenance of Payment Proposals

This document outlines the business rules that govern the maintenance of payment proposals in the ASOKON system, based on an analysis of the RPG program GL104R. The primary focus is on the rules and conditions that dictate how payment proposals can be created, modified, and deleted.

The core logic for maintaining payment proposals is contained within the various subroutines in GL104R. The program allows users to manage payment proposals, including creating new proposals, modifying existing ones, and deleting proposals that are no longer needed.

Order Status and Header Rules

Payment Proposal Management: GUBFPF, GUBFL8, RLTRLU

1. Proposal Status Check

•**Logic:** The program checks if a payment proposal has been transferred to the bank. If the status is marked as 'G', the proposal cannot be modified.

•**File:** GUBFL8 (Payment Proposal File)

•**Field:** GASTAT

•**Condition:** "The proposal cannot be maintained if GASTAT is equal to 'G'."

2. Error Return Check

•**Logic:** The program checks for error returns associated with the payment proposal. If errors are found, they are flagged for user notification.

•**File:** GUBFL8 (Payment Proposal File)

•**Field:** GAREKO

•**Condition:** "If GAREKO is equal to 'F', the proposal contains error returns."

Configuration and Authorization Rules

1. Renumbering Control

•**Logic:** Renumbering of proposals is controlled based on whether the proposal has been transferred to the bank or if it is a payroll transaction.

•**Files:**

•GUBFL8 (Payment Proposal File)

•RLTRLU (Transaction File)

•**Fields:**

•WPPARM (Proposal Type)

•WPENDR (Proposal Renumbering Flag)

•**Condition:** "Renumbering is not performed if WPENDR is not blank and WPPARM is not 'L' and *IN38 is not on."

2. Bank Communication Check

- **Logic:** The program checks if communication with the bank is active before transferring proposals.
- **File:** GFASP (Bank Communication File)
- **Field:** GEFKOM
- **Condition:** "The communication must not be active with GEFKOM equal to 'PC' or GESAM equal to 'J'."

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Financial and Transactional Rules

1. Proposal Deletion Control

- **Logic:** Proposals can only be deleted if they have not been transferred to the bank or if the user confirms the deletion.
- **File:** GUBFPF (Payment Proposal File)
- **Field:** GAREKO
- **Condition:** "The proposal can only be deleted if *IN38 is off or if the delete confirmation is given."

2. Payment Proposal Creation

- **Logic:** New payment proposals are created based on user input and validated against existing records.
- **File:** GUBFL8 (Payment Proposal File)
- **Condition:** "A new proposal is created if the user provides a valid proposal number and it does not already exist."

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Special Conditions (Program-Specific)

1. Locked Proposal Handling (GL104R)

- **Logic:** The program allows for the reopening of locked proposals if certain conditions are met.
- **File:** GUBFL8 (Payment Proposal File)
- **Field:** GASTAT
- **Condition:** "A locked proposal can be reopened if the user confirms the action."

2. Error Return Processing (GL104R)

- **Logic:** The program processes error returns associated with payment proposals and flags them for user review.
- **File:** GUBFL8 (Payment Proposal File)
- **Fields:** GAREKO (Error Return Code), B2ANFE (Error Notification)
- **Condition:** "If an error return is detected, it is flagged for notification."

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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. GL101R (Proposal Renumbering)

- **Trigger:** Called when renumbering is required for proposals.
- **Logic:** This program handles the renumbering of payment proposals based on specific criteria.
- **Impact:** "This call acts as a **major logical gateway** for ensuring that proposals are correctly renumbered before processing."

2. GL102C (Proposal Printing)

•**Trigger:** Called when printing payment proposals.

•**Logic:** This program formats and outputs the payment proposals for printing.

•**Impact:** "This is a **destructive filtering step** that formats proposals for final output."

3. GL156C (Bank Transfer)

•**Trigger:** Called when transferring proposals to the bank.

•**Logic:** This program manages the transfer of payment proposals to the bank.

•**Impact:** "This represents the handoff to the next major business function of processing payments."

This documentation provides a comprehensive overview of the business logic implemented in the GL104R program, ensuring clarity on how payment proposals are managed within the ASOKON system.