FL100R.MBR

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Business Logic for Kundeprosjekt Maintenance

This document outlines the business rules that govern the maintenance of customer projects within the ASOFAK ERP system, based on an analysis of the RPG program FL100R. The primary focus is on how customer projects are managed, filtered, and displayed in the system.

The core logic for managing customer projects is contained within the subfile subroutine in FL100R. This subroutine handles the reading, updating, and displaying of customer project records, utilizing various keys and conditions to control the workflow.

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Order Status and Header Rules

Kundeprosjekt: fkpspf, fkprlr, fkprlu, fkprl1, fkprl2, fkprl3, fkprl5, fkprl6

1. Filter Active Projects

•**Logic:** The system will only display active customer projects unless the user specifies to show expired projects.

•**File:** fkpspf (Customer Project File)

•**Field:** fltdat

•**Condition:** The process will not select a record if fltdat is less than the current date and the filter for expired projects is not active.

2. Positioning on Customer

•**Logic:** When a user specifies a customer number, the system will position the subfile to that customer.

•**File:** fkprl1 (Customer Positioning File)

•**Field:** fkprl1_kund

•**Condition:** The process will position if b2kund is not equal to 0.

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Configuration and Authorization Rules

1. Authorization for Special Prices

•**Logic:** The system checks if the user has access to special prices and discount matrices.

•**Files:**

•fkprlr (Customer Project Register)

•fkprlu (Customer Project Update)

•**Fields:**

•fkprlr_kund (Customer ID from fkprlr)

•fkprlu_kund (Customer ID from fkprlu)

•**Condition:** The process will only allow access if the user is authorized, as determined by the call to CO402R.

2. Display Control Logic

•**Logic:** The system controls the display of the subfile based on user input and the current state of the records.

- **File:** b2ctl (Control Record for Subfile)
- **Field:** *in12
- **Condition:** The display will be updated based on whether records are present in the subfile.

Financial and Transactional Rules

1. Record Update on Selection

- **Logic:** When a record is selected for editing, the system updates the relevant fields in the subfile.
- **File:** b1sfl (Subfile for Customer Projects)
- **Fields:**
- b1kund (Customer ID)
- b1kpro (Project ID)
- **Condition:** The update occurs when the user selects a record for editing.

2. Deletion of Customer Projects

- **Logic:** The system allows for the deletion of customer projects, ensuring that relationships are maintained.
- **File:** fkprlr (Customer Project Register)
- **Condition:** The deletion process is initiated when the user confirms the delete action.

Special Conditions (Program-Specific)

1. Handling of Special Characters (FL100R)

- **Logic:** The program sanitizes input to remove characters that may cause issues with the user interface.
- **File:** b1navn (Customer Name)
- **Field:** b1navn
- **Condition:** The process replaces problematic characters (like . and :) to ensure compatibility with the Newlook interface.

2. Customer Project Copying (FL100R)

- **Logic:** When a project is copied, the system ensures that the copied project is initialized correctly.
- **File:** fkprlr (Customer Project Register)
- **Fields:** k1kund, k1kpro (Customer and Project IDs for copying)
- **Condition:** The copy process is initiated when the user selects the copy option.

Subprogram Calls Affecting Logic

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

1. CO402R (Authorization Check for Special Prices)

- **Trigger:** Called during initialization to determine access to special pricing.
- **Logic:** Checks if the user has access to special prices and discount matrices.
- **Impact:** This call determines whether the user can see and manipulate special pricing options.

2. RK500R (Customer Query)

- **Trigger:** Called when searching for customer details.

•**Logic:** Retrieves customer information based on the provided customer ID.

•**Impact:** This affects how customer data is displayed and edited in the program.

3. FL400R (Delete Customer Project)

•**Trigger:** Invoked when a user confirms the deletion of a customer project.

•**Logic:** Handles the deletion process, ensuring all related data is also removed.

•**Impact:** Represents a critical step in maintaining data integrity by ensuring that deleted projects do not leave orphaned records.