

FL100R.MBR

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Business Logic for Kundeprosjekt Maintenance

This document outlines the business rules that govern the maintenance of customer projects in the ASOFAK ERP system, based on an analysis of the RPG program FL100R. The primary focus is on how customer project data is managed, displayed, and manipulated within the system. The core logic for customer project maintenance is contained within the *inzsr subroutine in FL100R. This subroutine initializes the program, sets up keys for database access, and prepares the user interface for interaction with customer project records.

Order Status and Header Rules

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

1. Record Initialization

- **Logic:** Initializes keys for accessing customer project records and sets the firm identifier.
- **File:** fkpspf (Customer Project File)
- **Field:** w_firm
- **Condition:** The program initializes keys based on the firm retrieved from the local data area.

2. Subfile Display

- **Logic:** Displays the records in a subfile format, allowing users to scroll through customer projects.
- **File:** b1sfl (Subfile for Customer Projects)
- **Field:** Various fields from fkpspf
- **Condition:** The subfile is populated based on the current state of the database and user inputs.

Configuration and Authorization Rules

1. User Permissions for Special Prices

- **Logic:** Checks if the user has permissions to view and edit special prices and discount matrices.
- **Files:**
 - fkpspf (Customer Project File)
 - rkunl1 (Customer File)
- **Fields:**
 - l_filg (User Access Level)
 - w_firm (Firm Identifier)
- **Condition:** The program checks user permissions upon initialization and sets flags accordingly.

2. Filtering Out Expired Projects

- **Logic:** Allows users to filter out expired customer projects from the display.
- **File:** fkpspf (Customer Project File)
- **Field:** fltdat (Expiration Date)
- **Condition:** The user can toggle a filter to show only active projects based on the expiration date.

Financial and Transactional Rules

1. Project Copying and Modification

• **Logic:** Enables copying of existing projects and modifications to their details.

• **File:** fkprlr (Customer Project Records)

• **Fields:**

• fkprlr_kund (Customer ID)

• fkprlr_kpro (Project ID)

• **Condition:** The program checks the user's selection and processes the copy or modification accordingly.

2. Deleting Customer Projects

• **Logic:** Facilitates the deletion of customer projects along with their associated relationships.

• **File:** fkprlr (Customer Project Records)

• **Condition:** A confirmation dialog is presented before deletion is executed.

Special Conditions (Program-Specific)

1. Data Cleaning for Newlook Compatibility (FL100R)

• **Logic:** Cleans up project names to remove characters that may cause issues in the Newlook interface.

• **File:** b1sfl (Subfile for Customer Projects)

• **Field:** b1navn (Customer Name)

• **Condition:** This cleaning process runs during the subfile population to ensure data integrity.

2. Handling Special Price and Discount Matrix Maintenance (FL100R)

• **Logic:** Checks if special price and discount matrix maintenance should be displayed based on user permissions.

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

• **Fields:** co402_verdi1, co402_verdi2 (Control Values)

• **Condition:** The program checks user settings and adjusts the display options accordingly.

Subprogram Calls Affecting Logic

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

1. RK500R (Customer Query Program)

• **Trigger:** Called when searching for customer details based on user input.

• **Logic:** Retrieves customer information and updates the relevant fields in the main program.

• **Impact:** This call ensures that the most current customer data is displayed and manipulated.

2. FL400R (Customer Project Deletion Program)

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

• **Logic:** Handles the deletion process and any associated data cleanup.

• **Impact:** This is a critical step to maintain data integrity and ensure that all related records are appropriately managed.

3. FL105R (Customer Project Maintenance Program)

- Trigger:** Called when creating or modifying customer project records.

- Logic:** Manages the creation and updating of project details.

- Impact:** Represents the handoff to the next major business function, ensuring that project data is accurately maintained.

This documentation serves as a comprehensive guide to the business logic encapsulated within the FL100R program, detailing how customer projects are maintained and managed within the ASOFAK ERP system.