FL100R.MBR

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Business Logic for Kundeprosjekt Maintenance

This document outlines the business rules that govern the customer project maintenance process, based on an analysis of the RPG programs FL100R. The primary focus is on the logic that handles project data management, including filtering, searching, and displaying customer projects. The core logic for managing customer projects is contained within the subfile subroutine in FL100R. This subroutine processes records related to customer projects, allowing for various operations such as searching, filtering, and displaying project details.

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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 projects unless the user specifies to show all projects.

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

•**Field:** fltdat

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

2. Search by Customer or Project Number

•**Logic:** The user can search for projects based on customer number or project number.

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

•**Field:** flskun, flskpr

•**Condition:** The search will be executed if the respective fields are not blank or zero.

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Configuration and Authorization Rules

1. Authorization for Special Prices and Discounts

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

•**Files:**

•fkpspf (Customer Project File)

•rkunl1 (Customer File)

•**Fields:**

•fkprlu_kund (Customer Number from Project)

•rkunl1_kund (Customer Number)

•**Condition:** Access is granted if the user has the necessary permissions defined in the configuration.

2. Filter by External Project Number

•**Logic:** The system allows filtering of projects based on an external project number.

•**File:** fkprl6 (External Project File)

•**Field:** fkprl6_epro

•**Condition:** The filter is applied if the external project number is specified.

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Financial and Transactional Rules

1. Update Project Records

•**Logic:** When a project record is modified, the system updates the corresponding fields in the database.

•**File:** fkprlr (Project Records)

•**Fields:**

•fkprlr_kund (Customer Number)

•fkprlr_kpro (Project Number)

•**Condition:** The update occurs when the user confirms changes to the project details.

2. Delete Project Records

•**Logic:** The system allows for the deletion of project records, ensuring that all related data is also removed.

•**File:** fkprlr (Project Records)

•**Condition:** The deletion is executed when the user confirms the action in the delete window.

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Special Conditions (Program-Specific)

1. Display Filter Window (FL100R)

•**Logic:** The filter window is displayed to allow users to specify search criteria for projects.

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

•**Field:** Various fields for filtering

•**Condition:** The filter window is invoked when the user presses the filter function key (F1). Note: This feature is customizable based on user input.

2. Copy Project Records (FL100R)

•**Logic:** The system allows users to copy existing project records to create new ones.

•**File:** fkprlr (Project Records)

•**Fields:** fkprlr_kund, fkprlr_kpro

•**Condition:** The copy action is initiated when the user selects the copy option from the menu.

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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. RK500R (Customer Query Program)

•**Trigger:** Called when searching for a customer based on the input field.

•**Logic:** This program retrieves customer details based on the provided customer number.

•**Impact:** This call ensures that the correct customer information is displayed and validated.

2. FL400R (Project Deletion Program)

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

•**Logic:** This program handles the deletion of a project and all associated records.

•**Impact:** This ensures data integrity by removing all related entries when a project is deleted.

3. FL105R (Project Maintenance Program)

•**Trigger:** Called when creating or updating project records.

•**Logic:** This program manages the creation and modification of project details.

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

This documentation provides a comprehensive overview of the business logic implemented in the FL100R program, focusing on customer project maintenance processes.