FL100R.MBR

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Business Logic for FL100R

This document outlines the business rules that govern the customer project maintenance process, based on an analysis of the RPG program FL100R. The primary focus is on the handling of customer projects, including searching, filtering, and managing project data.

The core logic for customer project maintenance is contained within the subfile subroutine in FL100R. The program processes records from various files, allowing users to view, create, update, and delete customer projects.

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Order Status and Header Rules

FL100R: fkpspf, fkprlr, fkprlu, fkprl1, fkprl2, fkprl3, fkprl5, fkprl6, rkunl1

1. Record Existence Check

•**Logic:** The program checks if a record exists in the fkprlr file before performing updates or deletions.

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

•**Field:** fkprlr_kund, fkprlr_kpro

•**Condition:** The process will not update or delete a record if it does not exist in the fkprlr file.

2. Display Subfile Data

•**Logic:** The program reads records from the fkpspf file and populates the subfile for display.

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

•**Field:** Various fields from fkpspf

•**Condition:** The subfile is populated based on the current search criteria and filters applied.

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Configuration and Authorization Rules

1. User Authorization for Special Prices

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

•**Files:**

•CO402R (External Program for Price Configuration)

•**Fields:**

•co402_verdi1 (Authorization Flag)

•co402_verdi2 (Additional Data)

•**Condition:** The program will only allow access to special prices if the authorization check returns true.

2. Filter Active Projects

•**Logic:** The program allows filtering of active and inactive projects based on user input.

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

•**Field:** fltdat

•**Condition:** The filter will exclude projects that are marked as inactive based on their end date.

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Financial and Transactional Rules

1. Project Creation and Update

•**Logic:** The program allows users to create new projects or update existing ones based on user input.

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

•**Fields:**

•fkprlr_kund (Customer ID)

•fkprlr_kpro (Project ID)

•**Condition:** A new project can be created if the customer ID and project ID are valid and do not already exist in the register.

2. Deletion of Projects

•**Logic:** The program allows for the deletion of projects after confirming user intent.

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

•**Condition:** The project will only be deleted if the user confirms the action through the delete window.

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Special Conditions (Program-Specific)

1. Special Price Maintenance (FL100R)

•**Logic:** The program checks if the user has the option to maintain special prices and discount matrices.

•**File:** CO402R (External Program for Price Configuration)

•**Field:** u_s701 (User Option Flag)

•**Condition:** This check is performed at the start of the program to determine if the user has access to special pricing features.

2. Data Cleaning for Newlook Compatibility (FL100R)

•**Logic:** The program cleans up customer names to ensure compatibility with the Newlook interface.

•**File:** N/A (In-memory processing)

•**Fields:** b1navn (Customer Name)

•**Condition:** The program removes unwanted characters from the customer name before displaying it in the user interface.

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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. CO402R (Price Configuration Program)

•**Trigger:** Called during initialization to check user access to special prices.

•**Logic:** Validates if the user can access special pricing features based on firm and customer ID.

•**Impact:** This call determines whether the user can view and manage special prices.

2. RK500R (Customer Query Program)

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

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

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

3. FL400R (Project Deletion Program)

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

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

•**Impact:** This call ensures that all related data is appropriately handled during project deletion.

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