MM102R.MBR

Path: NXCLOUD/rpgsrc/MM102R.MBR **Generated**: 2026-01-08 12:58:39 **Processing Time**: 13071ms

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Business Logic for Prognosis by Week Maintenance

This document outlines the business rules that govern the prognosis by week maintenance process, based on an analysis of the RPG program MM102R. The primary focus is on the logic that manages the display and manipulation of prognosis data within a subfile structure.

The core logic for maintaining prognosis data is contained within the various subroutines in MM102R. The program interacts with multiple files to read, update, and delete records related to prognosis by week.

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Order Status and Header Rules

Prognosis by Week: mprul1, mprul2, mprulr, vvarl1

1. Record Selection

•**Logic:** The program selects records based on the year and week provided by the user. If the year or week is not specified, it will not process the records.

•**File:** mprul1 (Prognosis records)

•**Field:** mprul1_aar, mprul1_uke

•**Condition:** The process will not select a record if mprul1_aar or mprul1_uke is not equal to zero.

2. Subfile Display

•**Logic:** The program displays the prognosis records in a subfile format, allowing users to scroll through the records.

•**File:** b1sfl (Subfile for displaying records)

•**Field:** b1aar, b1uke

•**Condition:** The subfile will be cleared and re-populated based on the current records available.

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Configuration and Authorization Rules

1. User Initialization

•**Logic:** The program initializes user parameters and sets up the environment for processing.

•**Files:**

•mprul1 (Prognosis records)

•vvarl1 (Item details)

•**Fields:**

•l_user (Current user)

•l_firm (Current firm)

•**Condition:** The program will not proceed if the user or firm is not initialized properly.

2. Error Handling

•**Logic:** The program checks for errors during user input and displays appropriate messages.

•**File:** c1msg (Message display)

•**Field:** b_anul

•**Condition:** If an error occurs during input validation, the program will display an error message and prompt for correction.

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Financial and Transactional Rules

1. Record Update

•**Logic:** The program updates existing records in the prognosis file based on user input.

•**File:** mprulur (Updated prognosis records)

•**Fields:**

•mprulu_aar (Year)

•mprulu_uke (Week)

•**Condition:** The record will only be updated if it exists in the database.

2. Record Deletion

•**Logic:** The program allows users to delete existing prognosis records.

•**File:** mprulur (Prognosis records)

•**Condition:** A record will be deleted if the user confirms the action in the delete window.

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Special Conditions (Program-Specific)

1. Subfile Management (MM102R)

•**Logic:** The program manages the subfile for displaying prognosis records, including pagination and scrolling.

•**File:** b1sfl (Subfile for displaying records)

•**Field:** w_srrn

•**Condition:** The subfile will be cleared and filled based on the current record position. Note: This is crucial for user navigation through the records.

2. Data Validation (MM102R)

•**Logic:** The program validates user input for year and week before processing.

•**File:** mprulr (Prognosis records)

•**Fields:** c1aar, c1uke (Input fields)

•**Condition:** The program will not allow years outside the range of 2005 to 2050 or weeks outside 1 to 52.

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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. dsp_subfile (Display Subfile)

•**Trigger:** Called after records are processed to display them in the subfile.

•**Logic:** This subroutine handles the display logic for the subfile, ensuring that the correct records are shown.

•**Impact:** This call acts as a **major logical gateway** for user interaction with the prognosis records.

2. clr_subfile (Clear Subfile)

•**Trigger:** Called to clear the subfile before populating it with new records.

•**Logic:** This subroutine resets the subfile indicators and prepares it for new data.

•**Impact:** This is a **destructive filtering step** that ensures old data does not persist in the user interface.

3. crt_subfile (Create Subfile)

•**Trigger:** Called to populate the subfile with records from the prognosis file.

•**Logic:** This subroutine reads records and fills the subfile based on the current selection criteria.

•**Impact:** Represents the handoff to the next major business function, allowing users to view and interact with prognosis data.