SC100R.MBR

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Business Logic for ASSTAT Budget Level Maintenance

This document outlines the business rules that govern the maintenance of the budget level register, based on an analysis of the RPG program SC100R. The primary focus is on the logic for handling budget levels, including creating, updating, deleting, and displaying records.

The core logic for budget level maintenance is contained within the b2taga subroutine in SC100R. The program processes records from the budget level file (slnil1) and manages user interactions through a subfile interface.

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Category 1: Budget Level Record Management Rules

Budget Level Maintenance: slnil1, slnilur

1. Create New Record

•**Logic:** A new budget level record can be created if the *inkf indicator is on.

•**File:** slnil1 (Budget Level Register)

•**Field:** wwkode

•**Condition:** The process will create a new record if the *inkf indicator is set to *on.

2. Update Existing Record

•**Logic:** An existing budget level record can be updated if the user selects the update option (value '2').

•**File:** slnil1 (Budget Level Register)

•**Field:** wwkode

•**Condition:** The process will update the record if b1valg is '2' or ' 2'.

3. Delete Record

•**Logic:** A budget level record can be deleted if the user selects the delete option (value '4') and the delete confirmation is provided.

•**File:** slnil1 (Budget Level Register)

•**Field:** wwkode

•**Condition:** The process will delete the record if b1valg is '4' or ' 4' and b1endr is not blank.

4. Display Record

•**Logic:** A budget level record can be displayed if the user selects the view option (value '5').

•**File:** slnil1 (Budget Level Register)

•**Field:** wwkode

•**Condition:** The process will display the record if b1valg is '5' or ' 5'.

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Category 2: User Interaction and Navigation Rules

1. Navigate to Main Menu

•**Logic:** The user can return to the main menu from any operation.

•**File:** N/A

•**Condition:** The process will navigate back to the main menu if the *inkc indicator is set to *on.

2. Refresh Screen

•**Logic:** The screen can be refreshed to clear fields and reset values.

•**File:** N/A

•**Condition:** The process will refresh the screen if the *inkk indicator is set to *on.

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Category 3: Subfile Management Rules

1. Load Subfile

•**Logic:** The subfile is populated with records from the budget level register.

•**File:** slnil1 (Budget Level Register)

•**Condition:** The subfile is filled when the xcrt01 subroutine is called.

2. Clear Subfile

•**Logic:** The subfile can be cleared to remove all entries.

•**File:** b1sfl (Subfile)

•**Condition:** The process will clear the subfile when the xclr01 subroutine is executed.

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Category 4: Special Conditions (Program-Specific)

1. Handle Deletion Confirmation (SCDELR)

•**Logic:** Calls an external program to handle the deletion of a budget level record.

•**File:** N/A

•**Condition:** This check is performed if the deletion confirmation (d1valg) is 'J'.

2. Generate Budget (SCGENR)

•**Logic:** Calls an external program to generate a new budget based on the selected budget level.

•**File:** N/A

•**Condition:** This process is triggered if the user selects the budget generation option (value '60').

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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. SCDELR (Delete Budget Level)

•**Trigger:** Called when a deletion confirmation is provided.

•**Logic:** Handles the deletion of a budget level record based on parameters passed.

•**Impact:** This call acts as a **destructive filtering step**, ensuring that records are removed from the database.

2. SCCOLR (Copy Budget Level)

•**Trigger:** Called when the user selects the copy option (value '3').

•**Logic:** Copies the selected budget level record to a new entry.

•**Impact:** This operation allows for the duplication of budget levels, facilitating quick entry of similar records.

3. SCGENR (Generate New Budget)

•**Trigger:** Called when the user selects the budget generation option (value '60').

•**Logic:** Generates a new budget based on the selected parameters.

•**Impact:** This represents the handoff to the next major business function, ensuring that budgets are created based on existing levels.

4. SC610C (Print Budget)

•**Trigger:** Called when the user selects the print option (value '6').

•**Logic:** Initiates the printing process for the selected budget level.

•**Impact:** This call is essential for generating physical records of budget levels for reporting purposes.